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IN REPLY REFER TO:

DEP-HAR.25.0075

July 15, 2024

TO: MARY ALICE EVANS, DIRECTOR
OFFICE OF PLANNING AND SUSTAINABLE DEVELOPMENT
ENVIRONMENTAL REVIEW PROGRAM

FROM: DREANALEE K. KALILI *Dreanalee Kalili*
DEPUTY DIRECTOR OF TRANSPORTATION FOR HARBORS

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT – ANTICIPATED FINDING OF
NO SIGNIFICANT IMPACT (DEA-ANSFI)
TRADEWINDS GARDEN
HONOLULU, O'AHU, HAWAII
TAX MAP KEYS: [1] 2-1-014:006, [1] 2-1-001:057 AND 58

The State of Hawaii Department of Transportation- Harbors Division (HDOT- Harbors) is the owner of the subject properties. We hereby authorize Wilson Okamoto Corporation (WOC) to prepare and submit the subject Draft Environmental Assessment which is anticipated to have a Finding of No Significant Impact. The DEA-AFNSI has been prepared pursuant to Chapter 343, Hawai'i Revised Statutes and Chapter 11-200.1, Hawai'i Administrative Rules. Please publish this DEA-AFNSI in the upcoming issue of *The Environmental Notice*.

The studies prepared in conjunction with this DEA-AFNSI include a Natural Resources Assessment, Archaeological Literature Review and Field Inspection, Reconnaissance Level Survey, Cultural Assessment, Environmental Site Assessment, Traffic Impact Assessment Report, and a Preliminary Engineering Report. These studies are appended to this EA. The DEA-AFNSI also includes a reproduction of comments and responses from the Early Consultation Package for this project.

Please contact our consultants, Mr. Keola Cheng or Mr. Dalton Beauprez with Wilson Okamoto Corporation at (808) 946-2277 if you have any questions.

From: webmaster@hawaii.gov
To: [DBEDT OPSD Environmental Review Program](#)
Subject: New online submission for The Environmental Notice
Date: Tuesday, July 23, 2024 10:37:58 AM

Action Name

Tradewinds Garden

Type of Document/Determination

Draft environmental assessment and anticipated finding of no significant impact (DEA-AFNSI)

HRS §343-5(a) Trigger(s)

- (1) Propose the use of state or county lands or the use of state or county funds

Judicial district

Honolulu, O'ahu

Tax Map Key(s) (TMK(s))

(1) 2-1-001:057 ; (1) 2-1-001:058 ; (1) 2-1-014:006

Action type

Applicant

Other required permits and approvals

See Section 4.3 of the DEA.

Discretionary consent required

Special District Permit

Approving agency

State Department of Transportation- Harbors Division

Agency contact name

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Is there a consultant for this action?

Yes

Consultant

Wilson Okamoto Corporation

Consultant contact name

Keola Cheng

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Suite 400
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Action summary

The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to offer a wide range of experiences at the water's edge, promote and expand creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about art and the science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.

Reasons supporting determination

See Chapter 6 of the DEA.

Attached documents (signed agency letter & EA/EIS)

- [Final-DEA-Tradewinds-Garden1.pdf](#)
- [DEP-HAR.25.0075-DEA-AFNSI-Tradewinds-Garden2.pdf](#)

Action location map

- [Project-TMKs2.zip](#)

Authorized individual

Keola Cheng

Authorization

- The above named authorized individual hereby certifies that he/she has the authority to make this submission.

DRAFT ENVIRONMENTAL ASSESSMENT

TRADEWINDS GARDEN

Honolulu, O'ahu, Hawai'i



Prepared For:
Garden Art, LLC

Prepared By:
Wilson Okamoto Corporation

AUGUST 2024

DRAFT ENVIRONMENTAL ASSESSMENT TRADEWINDS GARDEN

Honolulu, O'ahu, Hawai'i
TMKs: [1] 2-1:014:006,
[1] 2-1:001:057 and 58

Prepared For:
Garden Art, LLC

Prepared By:
Wilson Okamoto Corporation

JULY 2024

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Appendix D	Honua Consulting. Cultural Assessment for the Tradewinds Garden Project.
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Appendix G	Wilson Okamoto Corporation. Preliminary Engineering Report for Tradewinds Garden and Glass.
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PREFACE

This Draft Environmental Assessment (EA) / Anticipated Finding of No Significant Impact (FONSI) has been prepared under Chapter 343-5(e), Hawai'i Revised Statutes (HRS), whenever an applicant proposes an action specified by HRS Section 343-5(a) that requires approval of an agency, and that action is not declared exempt under HRS Section 343-6, the Applicant must engage in the environmental review process set forth under Chapter 343.

The preparation and processing of this EA is required because the Proposed Project constitutes an "applicant action" that involves the use of State lands, administered by the State of Hawai'i Department of Transportation- Harbors Division (HDOT- Harbors). Pursuant to §343-5(a)(1) HRS, an EA is required for actions that: *"Propose the use of state or county lands or the use of state or county funds, other than funds to be used for feasibility or planning studies for possible future programs or projects which the agency has not approved, adopted, or funded, or funds to be used for the acquisition of unimproved real property; provided that the agency shall consider environmental factors and available alternatives in its feasibility or planning studies."* The determining Agency is the HDOT- Harbors, which will be responsible for determining if the Final EA can be filed as a Finding of No Significant Impact (FONSI).

This Draft EA includes an assessment of the potential environmental, social, cultural, and economic impacts associated with the Proposed Project. This Draft EA has also been prepared in consideration of the comments received in response to the Early Consultation Package mailed out on February 13, 2024, to the respective stakeholders listed in Chapter 7.1 of this EA.

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SUMMARY

Type of Document:	Draft Environmental Assessment (EA)
Proposing Applicant:	Garden Art, LLC
Determining Agency:	Hawai'i Department of Transportation- Harbors Division
Name of Project:	Tradewinds Garden
Location:	Honolulu, O'ahu, Hawai'i
Tax Map Keys (TMK):	Pier 7- [1] 2-1-001:057 and 58 Old Honolulu Power Plant- [1] 2-1-014:006
Record Fee Owner:	Pier 7- State of Hawai'i Old Honolulu Power Plant- Hawaiian Electric Co Inc (HECO)
Project Area:	2.43 acres combined
State Land Use Classification:	Urban
City & County Development Plan:	Primary Urban Center Development Plan
Special District	Hawai'i Capitol Special District- Waterfront Precinct
City & County Zoning Designation:	B-2 Community Business District and Kaka'ako Community Development District
SMA:	Not in the SMA
Flood Zone:	V, AE, and X
Existing Use:	The Project Site is the current home of the derelict Hawai'i Maritime Center and Old Honolulu Power Plant. The Hawai'i Maritime Center once served as an educational and cultural resource, preserving Hawai'i's rich maritime history. However, due to the cessation of operations, Pier 7 now showcases significant decay and deterioration. Similarly, the Old Honolulu Power Plant was decommissioned in 2014,

leaving a void of inactivity in the waterfront area.

Proposed Project:

The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to offer a wide range of experiences at the water's edge, promote and expand creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about art and the science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.

Impacts:

No significant impacts are anticipated to result from the Proposed Project. It is anticipated that the best management practice and mitigation measures discussed in Chapter 3 of the EA will minimize/ reduce/ eliminate any potential impacts to the various resource categories presented.

Anticipated Determination:

Finding of No Significant Impact (FONSI)

Parties Consulted During Early Consultation:

Federal Agencies

U.S. Environmental Protection Agency
U.S. Department of Interior, Fish and Wildlife Service
U.S. Army Corps of Engineers

Federal Representatives

Senator Mazie Hirono
Senator Brian Schatz
Representative Jill Tokuda
Representative Ed Case

State Agencies

Aloha Tower Development Corporation
Department of Accounting and General Services
Department of Business, Economic Development and Tourism (DBEDT)
DBEDT, Hawai'i State Energy Office
DBEDT, Land Use Commission
DBEDT, Office of Planning and Sustainable Development (OPSD)
DBEDT, Hawai'i Community Development Authority
DBEDT, Hawai'i Tourism Authority
OPSD, Environmental Review Program
Department of Defense
Department of Health (DOH)

DOH, Environmental Management Division
DOH, Hazard Evaluation and Emergency Response
Office
DOH, Safe Drinking Water Branch
Department of Land and Natural Resources (DLNR)
DLNR, Office of Coastal and Conservation Lands
DLNR, Historic Preservation Division
Department of Hawaiian Home Lands
Department of Transportation (HDOT)
DOT, Harbors Division
DOT, Highways Division
DOT, Airports Division
Office of Hawaiian Affairs

State Representatives

Senator Karl Rhoads
Senator Sharon Moriwaki
Representative Scott K. Saiki

City and County of Honolulu Agencies

Board of Water Supply
Department of Community Services
Department of Design and Construction
Department of Environmental Services
Department of Facility Maintenance
Department of Parks and Recreation
Department of Planning and Permitting
Department of Transportation Services
Honolulu Fire Department
Honolulu Police Department
Office of Climate Change, Sustainability, and
Resiliency
Office of the Mayor

City Council

Councilmember Tyler Dos Santos-Tam

Utility Companies

Hawai'i Gas
Spectrum Hawai'i
Hawaiian Telecom
Hawaiian Electric Company

Other Interested Parties and Individuals

Hawai'i Pacific University

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CHAPTER 1: INTRODUCTION

1. INTRODUCTION

1.1 Project Background

Garden Art, LLC (herein referred to as the Applicant) is proposing to develop the Tradewinds Garden (herein referred to as the Proposed Project) at Pier 7 and Units 5 and 7 of the Honolulu Power Plant in Honolulu, on the island of O‘ahu, near the Aloha Tower Marketplace.

This Environmental Assessment (EA) assesses and discloses the anticipated environmental effects that the Proposed Project may have on a host of environmental resources. Specifically, this effort encompasses an evaluation of primary, secondary, and cumulative effects, in alignment with Chapter 343, Hawai‘i Revised Statutes (HRS) and Title 11, Chapter 200.1, Hawai‘i Administrative Rules (HAR). The EA also identifies feasible means of avoiding or substantially lessening potential significant adverse impacts and evaluates a range of reasonable alternatives to the Proposed Project, including the required No Action Alternative.

As stated in the Preface of this document, this EA is being prepared as an “Applicant Action” by the Applicant. In accordance with §11-200.1-7(d)(5), the State of Hawai‘i Department of Transportation- Harbors Division (HDOT- Harbors), will serve as the determining agency, as they have the most land involved in the action. Pursuant to HRS §343-5(b), the HDOT- Harbors will be responsible for determining the significance of potential environmental impacts and processing the EA. Furthermore, the Proposed Project is situated within the Hawai‘i Capitol Special District (further discussed in Section 4.2.3) and the Kaka‘ako Community Development District (further discussed in Section 4.2.6).

In summary, this EA serves as a disclosure and informational document intended to identify the anticipated environmental effects of implementing the Proposed Project, and to evaluate the potential significance of their impact. Consequently, this EA serves to:

- To inform and provide the general public, the local community, Federal, State, and City and County of Honolulu (CCH) agencies, as well as any other interested stakeholders, an opportunity to comment on the Proposed Project and its environmental effects, feasible measures to mitigate those effects, as well as the reasonable and feasible alternatives;
- To better inform the Applicant on the environmental consequences and concerns of implementing the Proposed Project so that the Project Site can be appropriately designed at an early stage;
- To enable responsible agencies to consider the environmental consequences of the Proposed Project for which they have a role in approving or issuing permits; and
- To satisfy Chapter 343, HRS, and Chapter 200.1, HAR, requirements and support any further discretionary permits required for the Proposed Project.

This EA also serves to evaluate and discuss the Proposed Project’s conformance with relevant State and County land use plans, policies, and controls, with the intent of providing both the public and decisionmakers with comprehensive overview of the regulatory compliance

associated with the Proposed Project. The following land use plans, policies, and controls are outlined and discussed in Chapter 4 of the EA:

State of Hawai‘i

- Hawai‘i State Plan, HRS Chapter 226
- Hawai‘i State Functional Plans
- State Land Use Law, HRS Chapter 205
- Hawai‘i Coastal Zone Management Program, HRS Chapter 205A
- Hawai‘i Environmental Policy Act, HRS Chapter 344

City and County of Honolulu

- City and County of Honolulu General Plan
- Primary Urban Center Development Plan
- Hawai‘i Capitol Special District
- Aloha Tower Development Corporation
- Honolulu Waterfront Master Plan
- City and County of Honolulu Land Use Ordinance

1.2 Project Location and Surrounding Region

The Proposed Project spans two primary areas: Pier 7 of Honolulu Harbor and Units 5 and 7 of the Old Honolulu Power Plant, collectively denoted as the Project Site (See Figure 1-1).

The State of Hawai‘i holds the record fee ownership of Pier 7, identified as Tax Map Key (TMK) parcels [1] 2-1-001:0057 and 58, which together cover a combined approximate area of 9.6 acres or approximately 423,054 square feet (sf) (See Figure 1-2A). While Pier 7 is located in the Aloha Tower Complex which is managed by the Aloha Tower Development Corporation (ATDC), HDOT - Harbors owns and controls the Pier & property and is the lessor. Established in 1981, the ATDC is the public agency that oversees the redevelopment of State-owned properties along the Downtown Honolulu Waterfront. It should be noted that the Pier 7 Project Site excludes the two waterside berths adjacent to the fast land property. However, the Applicant intends to acquire these water berths as a part of the overall development of the Proposed Project.

Hawaiian Electric Co. Inc. (HECO) is the record fee owner of the Old Honolulu Power Plant, identified by TMK parcel [1] 2-1-014:006, which covers an area of approximately 3.4 acres or approximately 149,644 sf (see Figure 1-2B).

The Pier 7 portion of the Project Site is situated east of Aloha Tower and is the current location of the now derelict Hawai‘i Maritime Center (See Figure 1-3), which was formerly operated by the Bishop Museum. The Maritime Center was opened in 1988 and closed in 2009. Functioning as an educational and cultural resource, the museum played a crucial role in celebrating and preserving Hawai‘i’s rich history. The Maritime Center showcased a varied array of items, including historical photographs, scale models, and a rich assortment of artifacts spanning from the era of ancient Polynesian mariners to the arrival of Captain Cook, the flourishing whaling industry, the golden age of transpacific passenger line transit, up to the present day. Notably, the museum is adjacent to the Falls of Clyde, a vessel constructed in 1878 in Scotland and used briefly to carry molasses and oil between Hawai‘i and California. While the vessel is owned by a private non-profit organization Friend of Falls Clyde, HDOT impounded the vessel in 2016 and retains custody of it. In 2023, the HDOT prepared a Draft Environmental

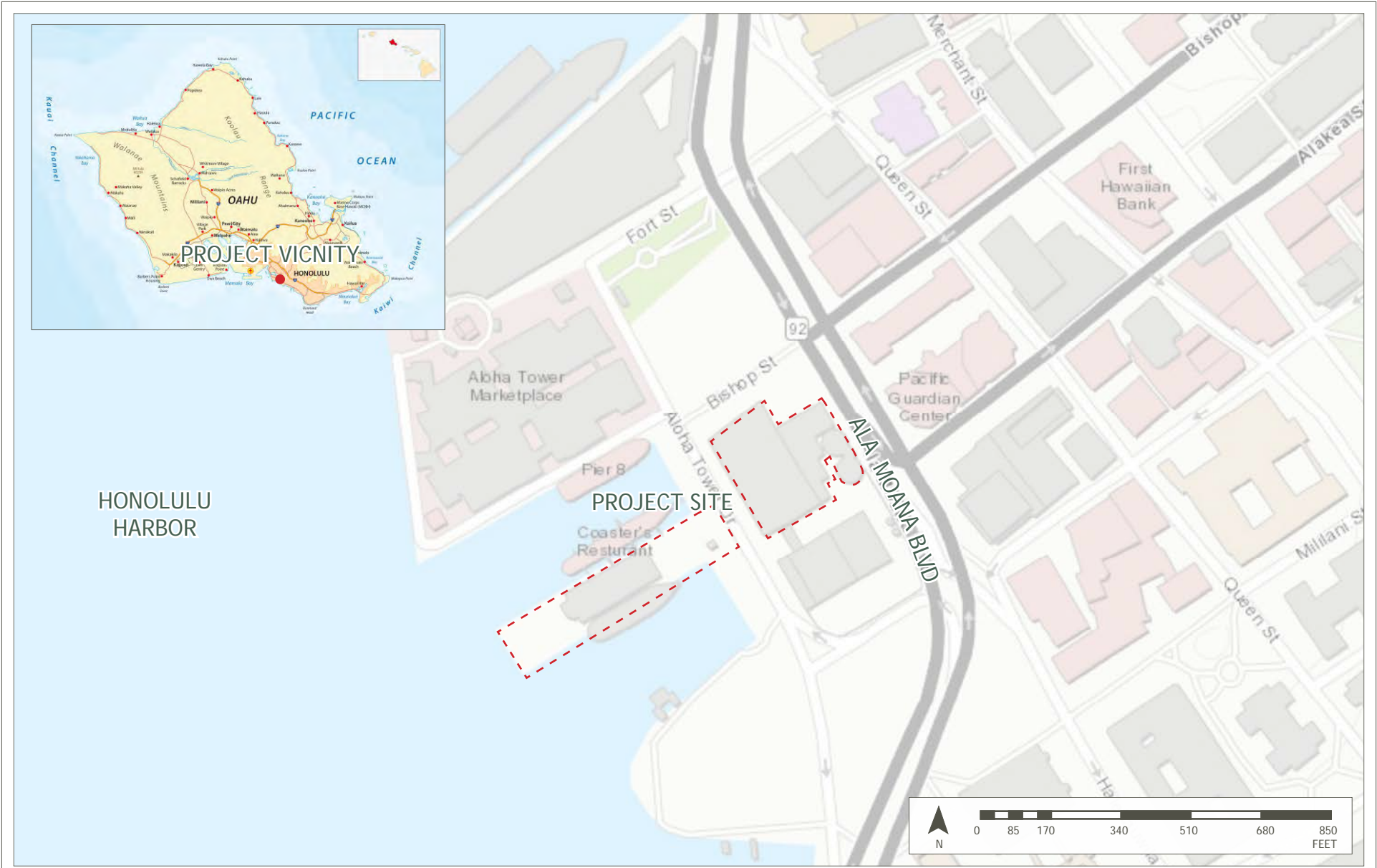
Assessment for the removal of the Falls of Clyde and published the Final Environmental Assessment on June 8, 2024. HDOT expects to issue a request for proposal from bidders for the removal of this vessel in 2024.

The Old Honolulu Power Plant (See Figure 1-4) sits at the intersection of Bishop Street and Aloha Tower Drive, with limited direct access to Ala Moana Boulevard. The Honolulu Power Plant was originally constructed in the 1920's to enhance electricity supply to O'ahu, housing power-generating units and associated hardware. It was further expanded and commissioned as the Leslie A. Hick's Honolulu Power Plant in 1954. With the significant expansion of renewable energy generation and the buildout of HECO infrastructure elsewhere on O'ahu, the Old Honolulu Power Plant was decommissioned in 2014, along with other oil-fired units around the island. Since its deactivation, the site has remained largely vacant and underutilized. As mentioned previously, the Old Honolulu Power Plant Project Site would only occupy a portion (Units 5 and 7) of the building.

The Project Site is situated at the southern end of O'ahu's central business district which is home to a number of important historical and cultural landmarks. Adjacent to the Project Site are Honolulu Harbor to the northwest, Aloha Tower Marketplace (leased by Hawai'i Pacific University / Aloha Tower (the historic landmark owned by HDOT)) to the north, Irwin Memorial Park to the northeast, HDOT Harbors headquarters and operable piers to the northeast (See Figure 1-5). Moreover, there is an abundance of office space, the port's secondary cruise ship terminal, and ample parking space within walking distance of the Project Site. Important landmarks such as the 'Iolani Palace, Ali'iolani Hale, and the Hawai'i State Capitol are also relatively near the Project Site, approximately 0.5 miles to the northeast. Access to the Project Site is provided by Nimitz Highway / Ala Moana Boulevard via Bishop Street and Aloha Tower Drive. Additionally, the future Kuloloia Downtown Skyline Station is anticipated to be in close proximity to the Project Site, positioned on the northwestern edge of the Old Honolulu Power Plant, near Nimitz Highway and Bishop Street (See Figure 1-6). The Kuloloia Downtown Skyline Station is expected to be completed by 2031 (further discussed in Section 3.11 of the EA).

The Project Site is also located near Honolulu's Arts District which is approximately 0.25 miles northeast. The Arts District feature shops, theaters, nightclubs, restaurants, and various galleries showcasing collections of art such as authentic Hawaiian paintings, textiles, and glass-blown pieces. Furthermore, the Proposed Project is in close proximity to Honolulu's Chinatown Historic District. Established during the 1840s and 1850s due to the sugar industry's influence on recruiting Chinese laborers, Chinatown has flourished as many immigrants settled there after their work contracts expired. With its proximity to the harbor, Chinatown evolved into a bustling commercial hub. Today, it remains the largest area in Honolulu reflecting architectural and historical significance, embodying a rich blend of cultures.

The Project Site also lies near the Our Kaka'ako neighborhood, approximately 0.5 miles to the southeast. Our Kaka'ako is a Kamehameha Schools (KS) community approved by HCDA in 2009 through the Kai'āulu 'o Kaka'ako Master Plan. The neighborhood is centered around art, featuring a collection of local and global artists' original murals with the goal of sharing creativity, beautifying the community, and bringing people together. Additionally, the Old Honolulu Power Plant portion of the Project Site is situated within the Kaka'ako Community Development District, which is redevelopment initiative by the HCDA (further discussed in Section 4.2.6 of the EA).



PROJECT LOCATION MAP

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

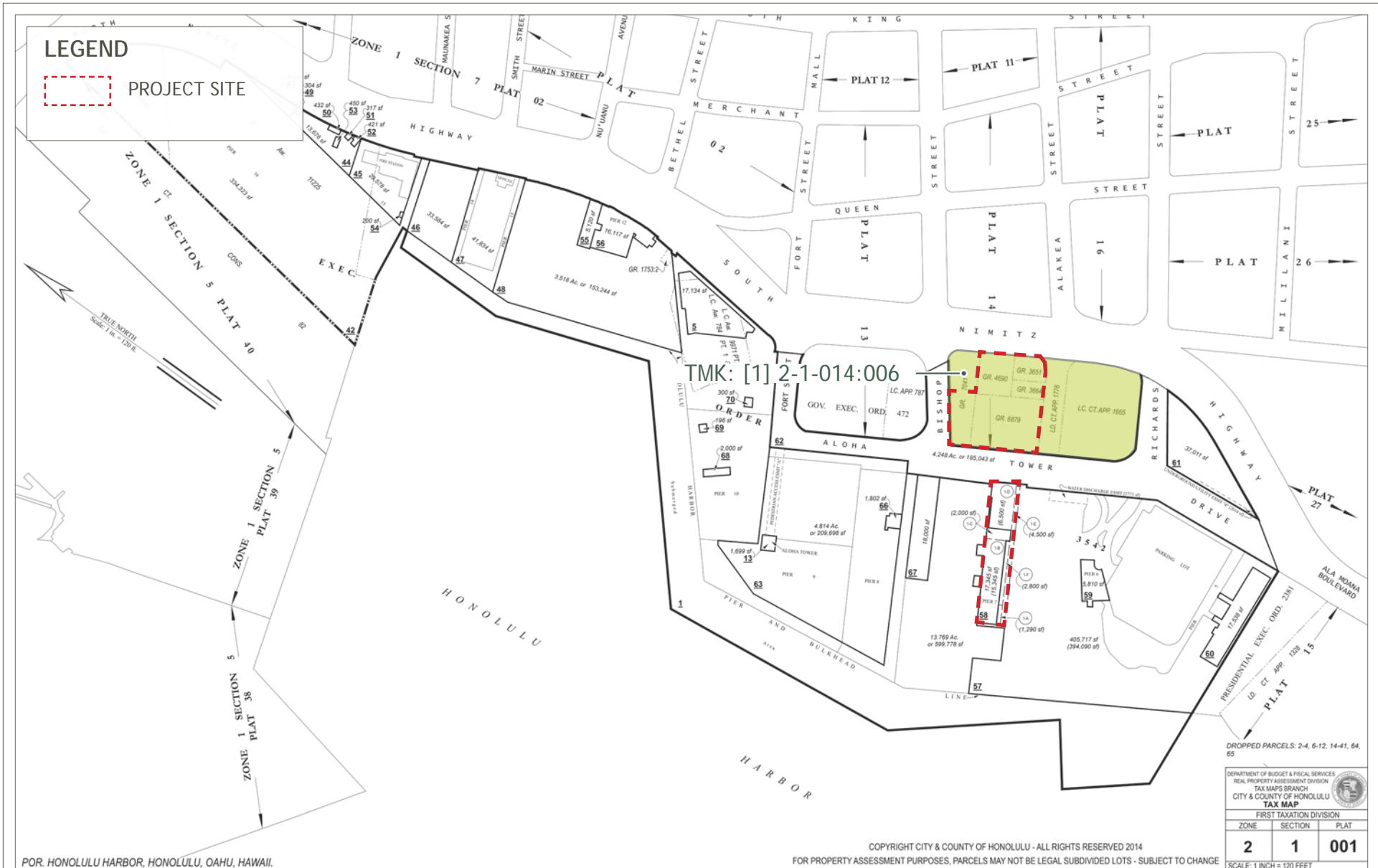
FIGURE
1-1



TMK PLAT MAP

Tradewinds Garden and Glass
 Honolulu, O'ahu, Hawai'i

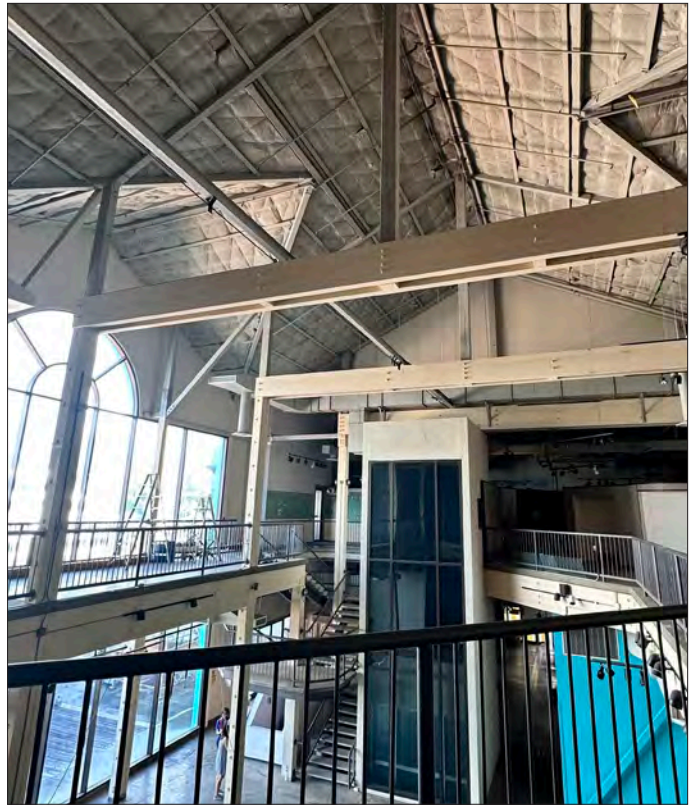
FIGURE
 1-2A



TMK PLAT MAP

Tradewinds Garden and Glass
 Honolulu, O'ahu, Hawai'i

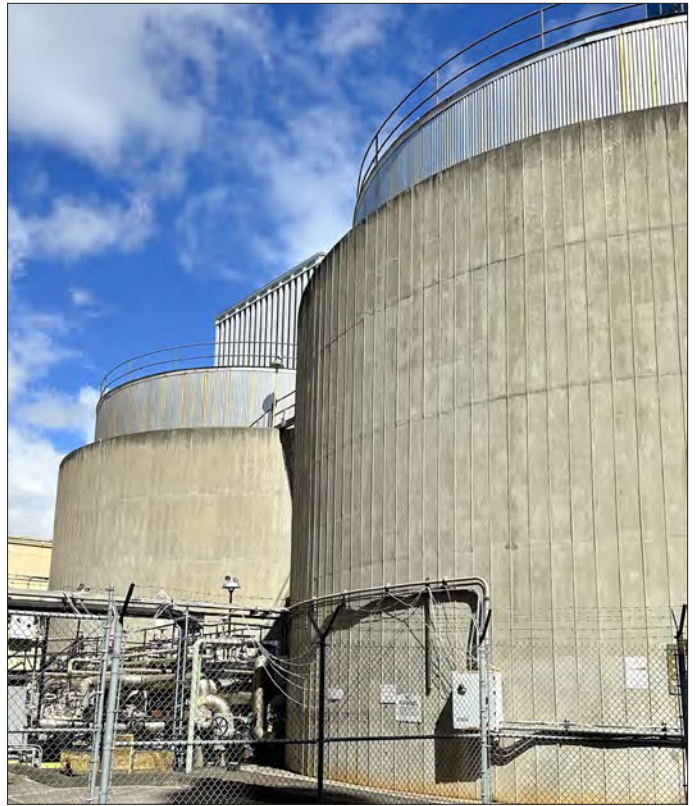
FIGURE
 1-2B



HAWAI'I MARITIME CENTER

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

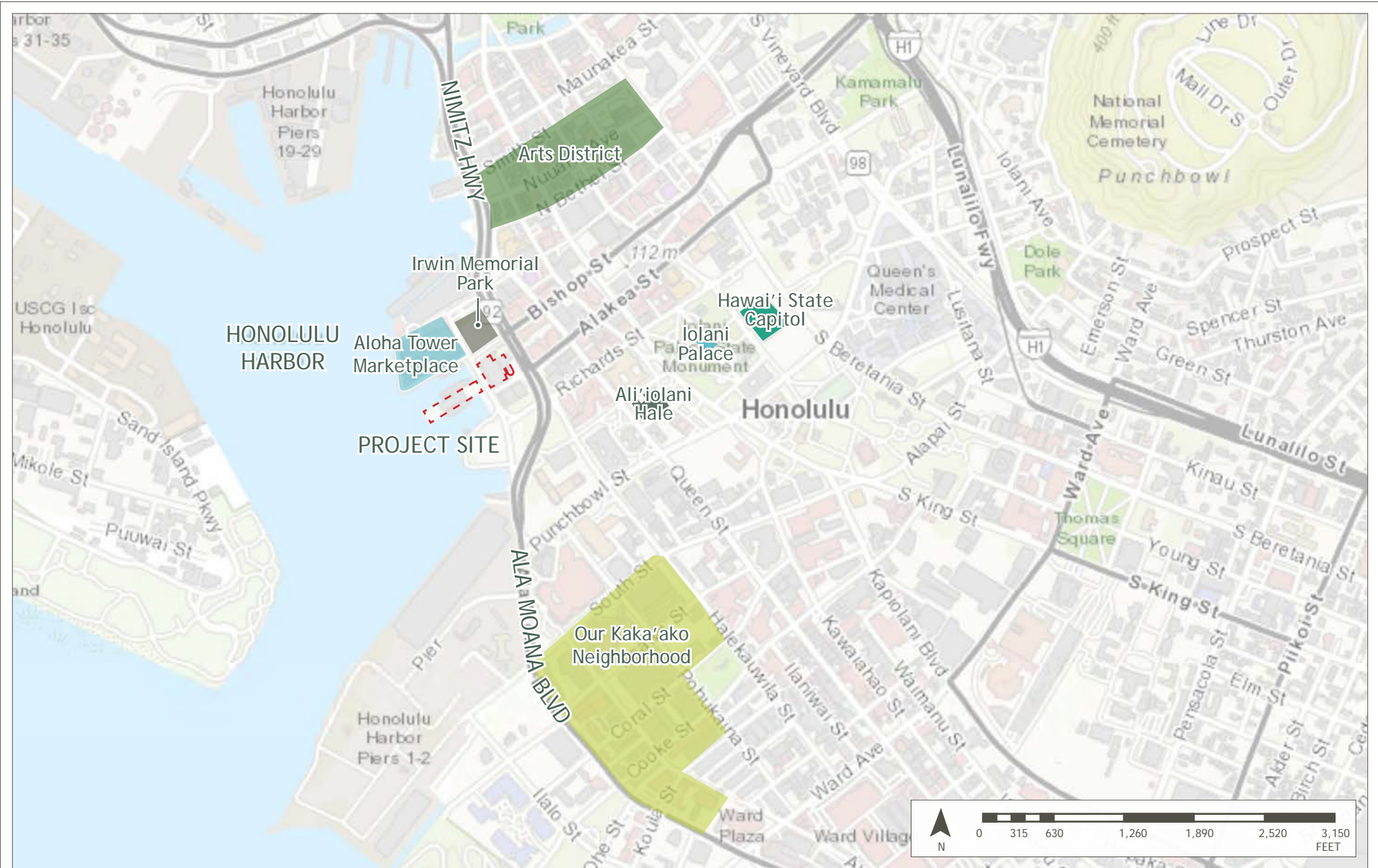
FIGURE
1-4



OLD HONOLULU POWER PLANT

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
1-4



SURROUNDING USES

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
1-5



KULOLOIA RAIL STATION

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
1-6

1.3 Project Location: Honolulu Harbor and Aloha Tower

A brief outline of the Project Site's historic context and regional dynamics is outlined below.

Prior to western contact, a naturally occurring channel formed what is now known as Honolulu Harbor, traditionally referred to as *Māmala*, by the outflow of freshwater streams from Nu'uānu Valley. The outflow impeded the growth of coral and created an opening in the shallow reef along the south shore of O'ahu.

The Hawaiian Islands became a popular and convenient port for various industries such as fur, sandalwood, and whaling vessels. This popularity spurred the rapid development of Honolulu Harbor and the surrounding community. By the 1820's, shops, various businesses, and residential neighborhoods were established to support the growing whaling industry, with all aspects of community life centered around providing goods and services to the harbor.

In the late 1800s, the focus of shipping shifted from the whaling industry to the sugar and pineapple industry. The growing prosperity of the harbor led King Kamehameha III to declare Honolulu as the city and capital of the Hawaiian Kingdom. The US Civil War (1861-65) greatly increased the demand for Hawaiian sugar. The notable surge in demand for sugar further drove the development of the harbor and waterfront. These developments included widening the harbor entrance, deepening the channels, and constructing wharves, warehouses, harbor lights, and sea walls.

In 1898, Hawai'i was annexed to the U.S. Post-annexation, the harbor was further developed to support maritime commerce and other private developments. These developments included the reconfiguration of the waterfront, harbor construction, dredging, and landfilling activities. Between 1915-1929, projects such as reconstructing the existing wood piers in concrete, along with various repairs and improvements, were carried out. Following the bombing of Pearl Harbor, Honolulu Harbor served as a secondary location for waterfront military activities, prompting additional improvements to the harbor. The U.S. Navy took control of several piers and were painted in camouflage, including Pier 7, during the war. Post World War II, the harbor underwent further alterations with the construction of Nimitz Highway and industrial structures.

During the 1920s, Hawai'i became a popular tourist destination, attracting visitors from around the world who arrived and departed on ships. Aloha Tower, constructed in 1926, continues to serve as a navigation landmark for ships and a welcoming beacon for visitors traveling to O'ahu. As the Twentieth Century moved forward, container shipping was introduced, altering harbor operations, and prompting adjustments to accommodate container shipping methods. For many decades, the Honolulu Harbor played a vital role in daily life as one of the few connections Hawai'i has to the outside world. It continues to function as the central port hub of Hawai'i. These maritime operations play a crucial role in supplying a wide range of essential needs such as food, clothing, construction materials, fuel, and other vital provisions.

Honolulu Harbor is overseen by HDOT Harbors and contains five components: the Main Channel, the Main Harbor Basin, the Kapālama Channel, the Kapālama Basin, and the Kalihi Channel. Presently, efforts are underway to maintain and develop the harbor through HDOT Harbor's *Honolulu Harbor Master Plan* (HHMP). This ongoing initiative aims to develop a comprehensive plan for the infrastructure development, utilization terms, and optimization of the port and its facilities. The HHMP aims to provide a long-range strategic plan that offers

guidance for both harbor-wide and pier- specific strategies to ensure that Honolulu Harbor can meet the projected cargo demands in 2050, fortify port facilities against climate change and rising sea level, and to enhance public access and enjoyment of the harbor waterfront. This effort is geared towards meeting the evolving needs of the State of Hawai'i.

1.4 Land Ownership

As mentioned above, the State of Hawai'i holds the record fee ownership of Pier 7, while HECO holds the record fee owner of Units 5 and 7 of the Old Honolulu Power Plant. Therefore, the Applicant will lease the Project Site.

CHAPTER 2: PROJECT DESCRIPTION

2. PROJECT DESCRIPTION

2.1 Proposed Project

The Proposed Project encapsulates the Applicant's vision for revitalizing both the Pier 7 and Old Honolulu Power Plant portions of the Project Site, as well as catalyzing the activation of the Downtown Waterfront at large. This vision is centered on embracing and celebrating creativity and the arts, with a core emphasis on a comprehensive commitment to thoughtful and adaptive reuse. The anticipated improvements entail both interior and exterior modifications to facilitate the establishment of a garden and art museum, complemented by various additional features (See Figure 2-1).

The renovated Honolulu Power Plant will be designed to preserve its outer shell and historic architectural features with renovations primarily targeting the interior main level spaces for art galleries, an auditorium, and a bookstore/lobby. Exterior open space areas are planned to become open-air and shade spaces for flexible programming, such as a mobile hot shop glass blowing exhibit, and facilitating visitor experiences. The tank structures along Ala Moana Boulevard are slated for potential repurposing, with plans to remove the primary tank and convert the concrete containment silo into a functional space. The existing two-story structure adjacent to the future Skyline rail station is intended to potentially house retail and food and beverage programs (See Figure 2-2).

The existing Hawai'i Maritime Center situated atop Pier 7 will undergo demolition to make way for a new building. Massing of the new structure is currently under study, with the intention to complement the existing building massing and reference widespread harbor building typologies (Figure 2-3). The new building may be able to be structurally supported by portions of the existing deep pile foundation, but the existing foundation may need to be augmented with new piles or drilled piers. Foundational augmentation work would occur entirely within the cross sectional footprint of the existing foundation pilings and would not encompass additional disturbance / in-water work. The new building aims to showcase a range of indoor and outdoor gardens with native Hawaiian vegetation, as well as featuring a retail/lobby area, deck spaces, a bar, and a restaurant (See Figure 2-4). The existing timber pier structure on the Aloha Tower side of Pier 7 will be rebuilt to allow for occupancy.

A marked raised crosswalk with curb extensions is anticipated to be installed along Aloha Tower Drive, between the Old Honolulu Power Plant and Pier 7 to facilitate pedestrian access and provide a safe route that connects the two sites (Figure 2-5).

One of the central objectives of the Proposed Project is to serve as an educational resource catering to students, tourists, artists, and the general public. To realize this objective, the Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive educational experience in these fields. Additionally, the Proposed Project aims to engage the community by offering a diverse range of classes, demonstrations, and excursions, inviting both visitors and residents to participate and enhance their

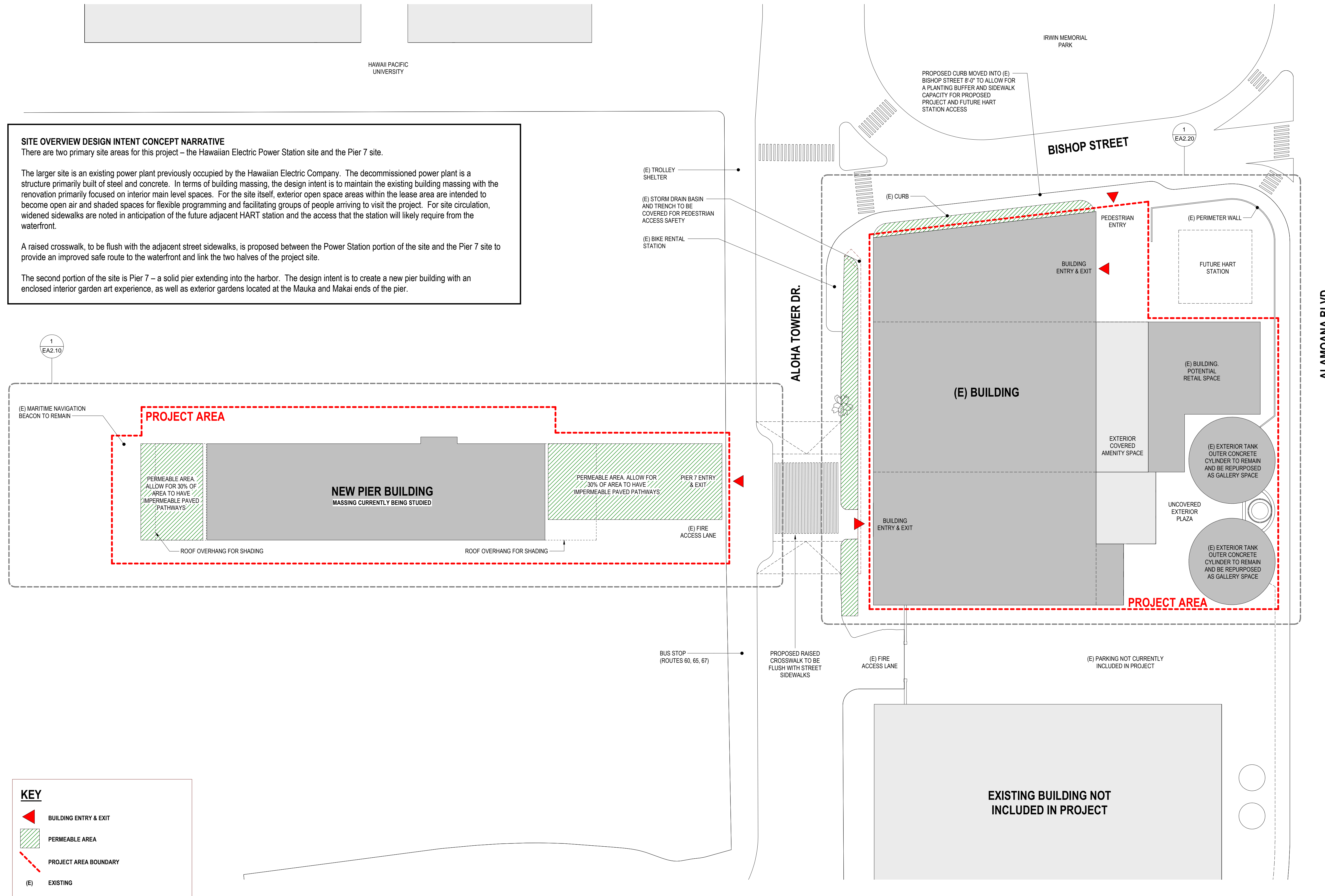
understanding of art. Moreover, cultural related themes and stories will be woven into the Proposed Project's programming and exhibits.

In addition to its educational role, the Proposed Project aspires to serve as a creative / arts incubator, providing a space for artists to introduce various types of art into the Project Site to foster business growth.

The overall design themes for the Project Site are anticipated to center around the adaptive re-use of the existing Honolulu Power Plant and construction of a new structure to replace the existing Hawai'i Maritime Center. The vision for the new structure incorporates tropical wood and shuttering features to achieve a harmonious aesthetic. In contrast, the design approach for the adaptive re-use of the Old Honolulu Power Plant emphasizes minimal exterior treatments, directing attention to the building's walls, floors, and structural steel.

Fundamentally, the Proposed Project's design aims to craft an immersive visual experience, conveying the historical significance of the Project Site by seamlessly integrating local stories into overarching, design-driven themes.

Figure 2-1: Preliminary Surface Permeability Site Plan

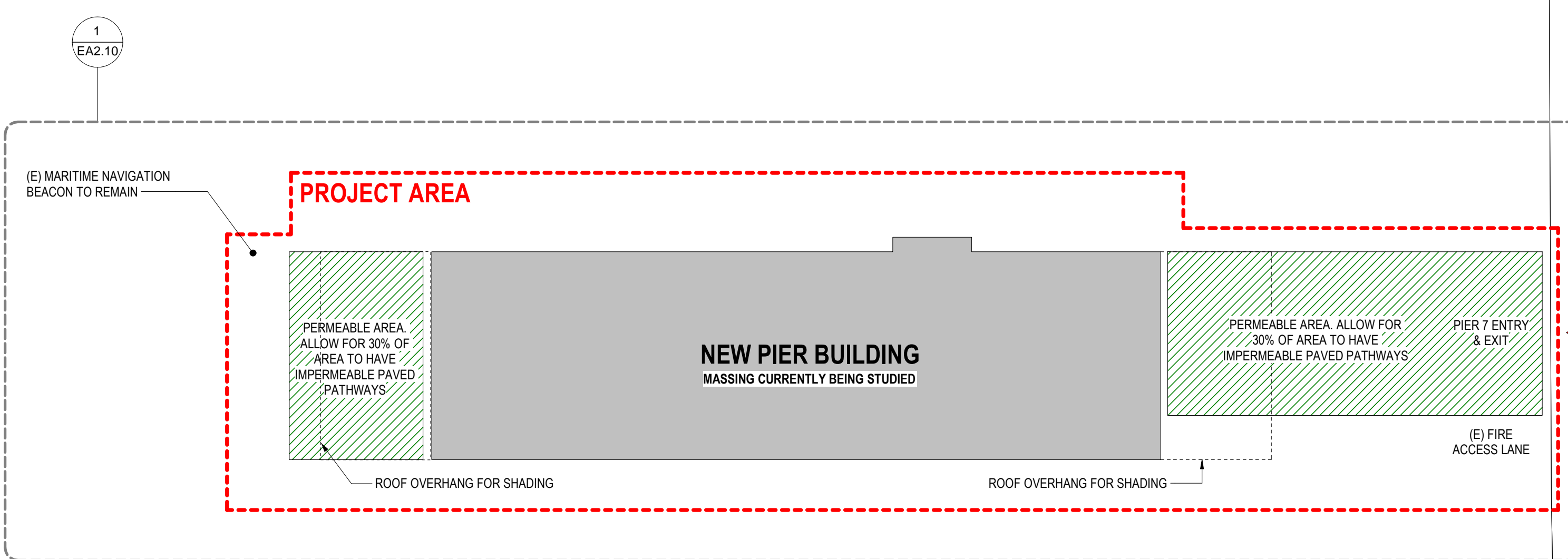


SITE OVERVIEW DESIGN INTENT CONCEPT NARRATIVE
 There are two primary site areas for this project – the Hawaiian Electric Power Station site and the Pier 7 site.

The larger site is an existing power plant previously occupied by the Hawaiian Electric Company. The decommissioned power plant is a structure primarily built of steel and concrete. In terms of building massing, the design intent is to maintain the existing building massing with the renovation primarily focused on interior main level spaces. For the site itself, exterior open space areas within the lease area are intended to become open air and shaded spaces for flexible programming and facilitating groups of people arriving to visit the project. For site circulation, widened sidewalks are noted in anticipation of the future adjacent HART station and the access that the station will likely require from the waterfront.

A raised crosswalk, to be flush with the adjacent street sidewalks, is proposed between the Power Station portion of the site and the Pier 7 site to provide an improved safe route to the waterfront and link the two halves of the project site.

The second portion of the site is Pier 7 – a solid pier extending into the harbor. The design intent is to create a new pier building with an enclosed interior garden art experience, as well as exterior gardens located at the Mauka and Makai ends of the pier.



KEY

- BUILDING ENTRY & EXIT
- PERMEABLE AREA
- PROJECT AREA BOUNDARY
- (E) EXISTING

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project: **GARDEN ART HONOLULU, HI**

stamp/seat:

principal architect: AM
 project manager: SC
 drawn by:
 checked by:
 job no.:

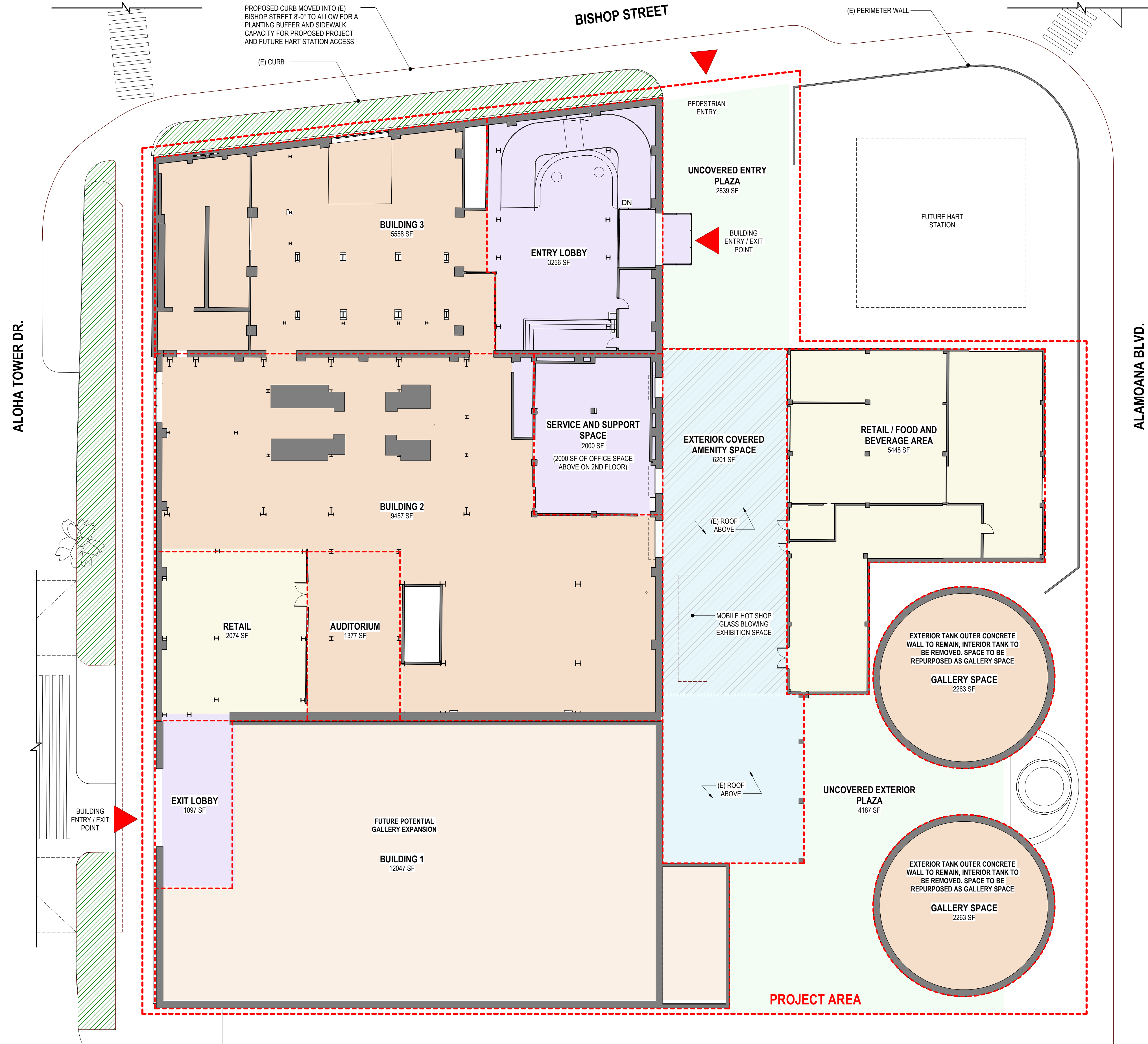
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Figure 2-2: Renovated Honolulu Power Plant



HAWAIIAN ELECTRIC DESIGN INTENT CONCEPT NARRATIVE

The design intent for the existing Hawaiian Electric Power Plant is for public programming to be initially limited to the Main Level with the renovation not engaging the floors above. The goal is to work within the existing conditions of the building and use existing elements to both frame the experience and limit the extent of modifications needed.

The galleries will flow through the existing structures utilizing their capacity to support works in various ways. The floor surfaces will be treated to provide level accessible navigation of the space by all visitors.

The exhibition and event space in the Power Plant will be a substantially open volume embracing the industrial heritage of the space. A limited number of volumes may be enclosed within the larger interior space to create temperature-controlled environments as necessary. The experience will include gallery space, an auditorium and retail space.

At the buildings and tank structures along Ala Moana Boulevard, the intention is that they are also repurposed to complement the Power Plant program. For the tanks, the intention is to remove the primary inner tank and repurpose the concrete outer containment silo as a gallery space. The existing two-level structure adjacent to the future HART Station is intended as a potential retail / food and beverage program.

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HONOLULU, HI

stamp/seal:

principal architect: AM
project manager: SC
drawn by:
checked by:
job no.:

revisions:

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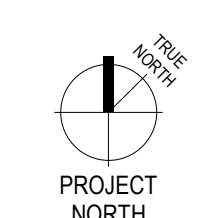
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HAWAII ELECTRIC PLAN

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1 LEVEL 01
SCALE: 1/16" = 1'-0"



SCALE: 1/16" = 1'-0"

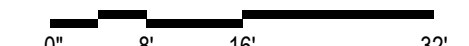
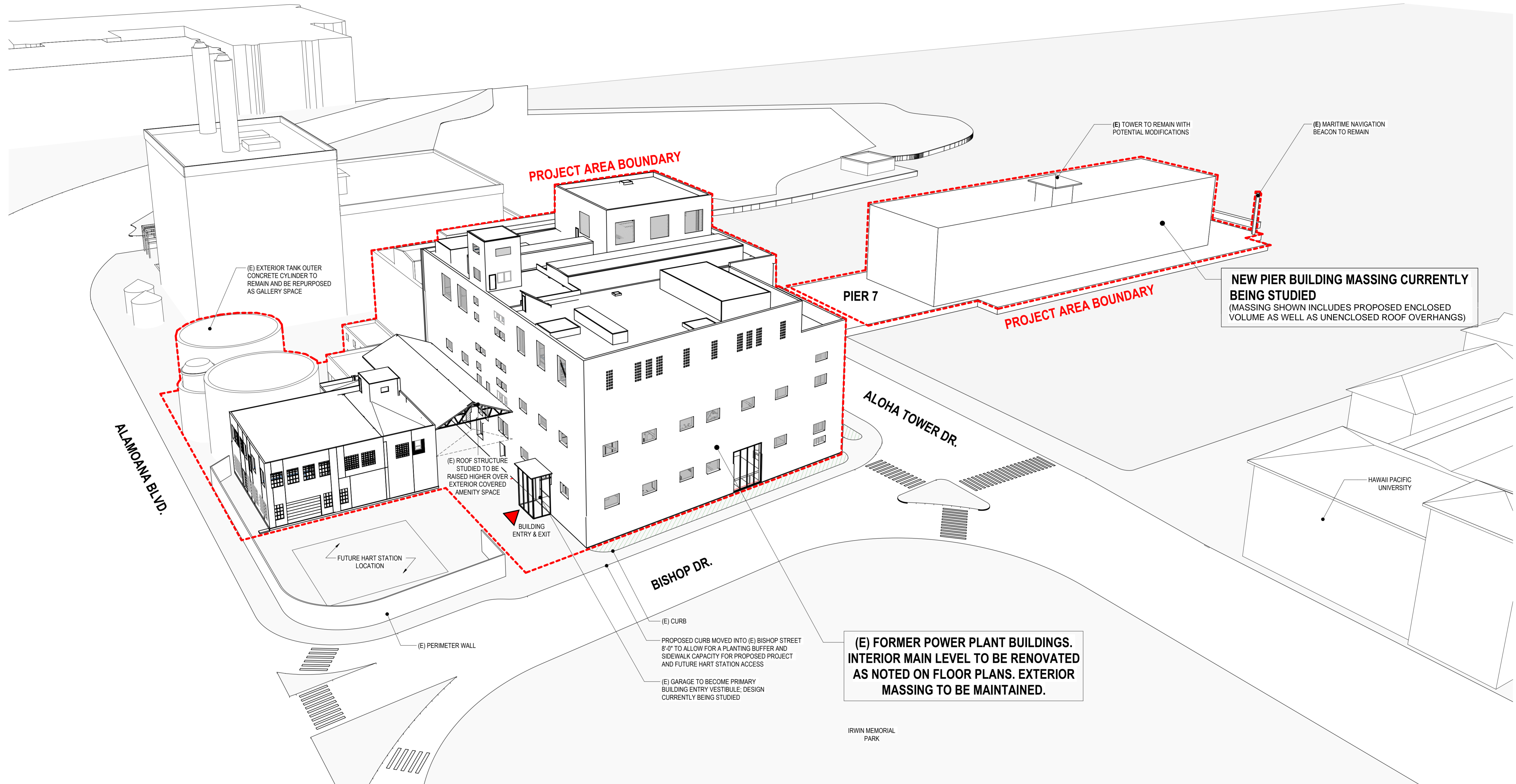


Figure 2-3: Preliminary Massing Diagram- North



KEY
 - - - PROJECT AREA BOUNDARY
 (E) EXISTING

1 PRELIMINARY MASSING DIAGRAM - NORTH
 SCALE:

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project:
GARDEN ART
 HONOLULU, HI

stamp/seal:

principal architect: AM
 project manager: SC
 drawn by:
 checked by:
 job no.:

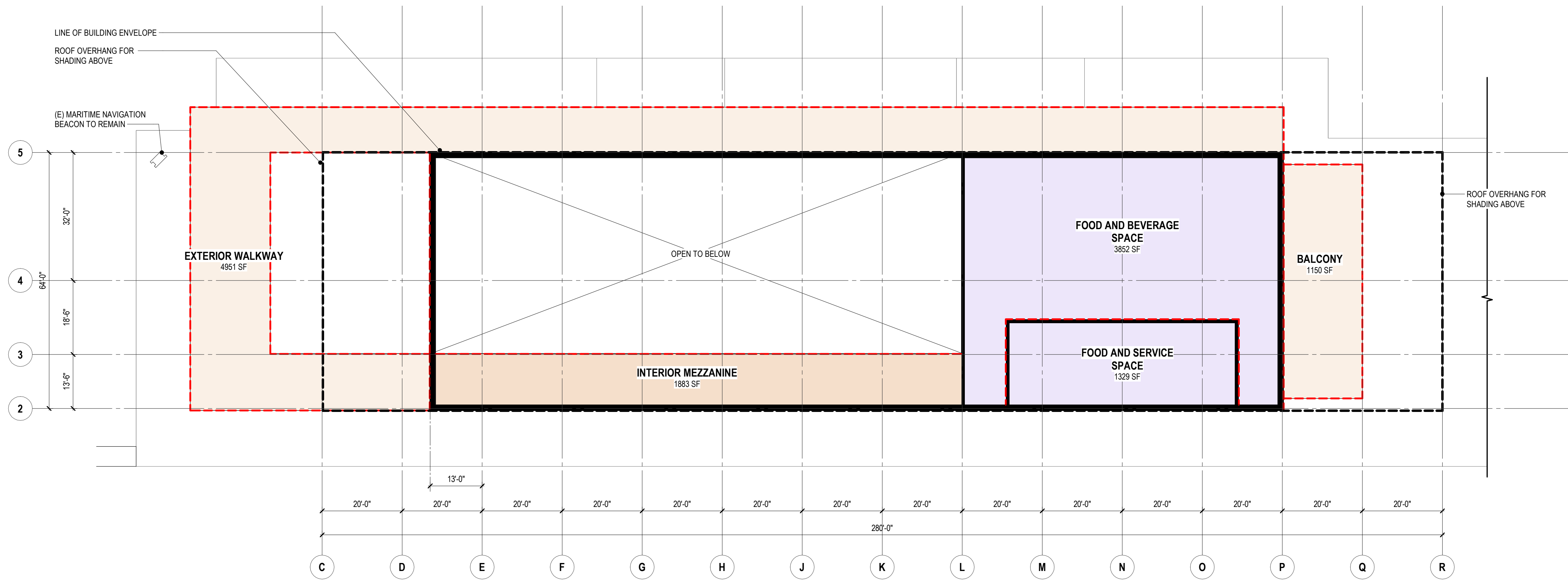
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NOT FOR CONSTRUCTION
30% CONCEPT DESIGN
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title:
PRELIMINARY MASSING DIAGRAM - NORTH

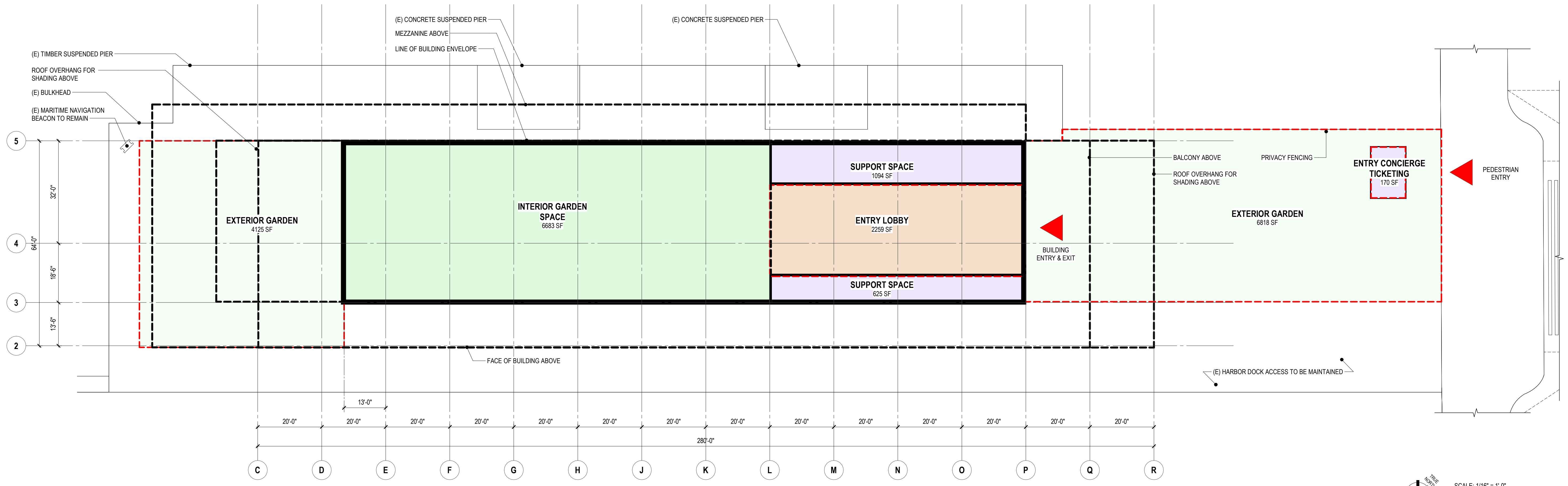
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Figure 2-4: Proposed Pier 7



PIER 7 DESIGN INTENT CONCEPTUAL NARRATIVE
 At Pier 7, the design intent is to provide an interior and exterior garden experience for visitors. The exterior garden experience welcomes visitors from Aloha Tower Drive, guiding them to the entry of the enclosed garden experience within a new pier building.
 For the pier building, massing is still being studied. Supporting the interior garden experience is a new food and beverage component at the second level.
 The Makai end of the pier can be experienced by either a raised walkway extending from the pier building interior or a Main Level exterior garden space. The existing building's observation tower will be maintained and potentially modified as an art opportunity.

2 EA PLAN - LEVEL 2
 SCALE: 1/16" = 1'-0"



1 EA PLAN - LEVEL 1
 SCALE: 1/16" = 1'-0"

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PROJECT: **GARDEN ART - PIER 7**
 HONOLULU, HI

stamp/seal:

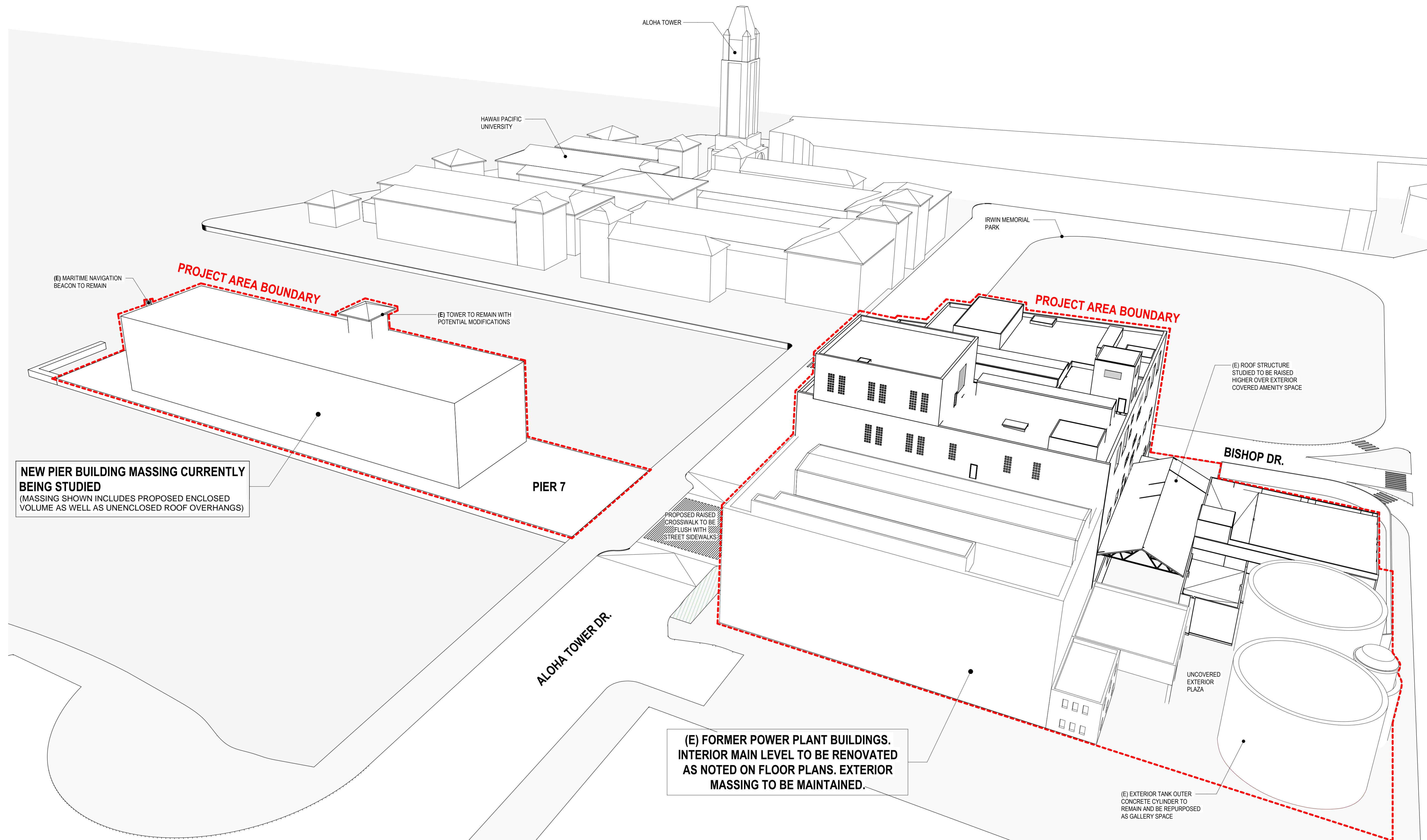
principal architect: AM
 project manager: SC
 drawn by:
 checked by:
 job no.:

revisions:

no.:	date:	description:
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30% CONCEPT DESIGN		
03/15/2024		
title:		
PIER 7 PLANS		
sheet:		
EA2.10		

SCALE: 1/16" = 1'-0"
 0" 8" 16" 32"
 PROJECT NORTH

Figure 2-3: Preliminary Massing Diagram- East



KEY

--- PROJECT AREA BOUNDARY

(E) EXISTING

1 PRELIMINARY MASSING DIAGRAM - EAST

SCALE:

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project:
GARDEN ART
HONOLULU, HI

stamp/seal:

principal architect: AM
project manager: SC
drawn by:
checked by:
job no.:

revisions:

no.: date: description:

NOT FOR CONSTRUCTION

30% CONCEPT DESIGN

03/15/2024

title:

**PRELIMINARY MASSING
DIAGRAM - EAST**

sheet:

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2.2 Purpose and Need

As previously discussed in Section 1.2, the Maritime Center, now in a state of disrepair, ceased operations in 2009, resulting in significant decay and deterioration of on-site facilities. Similarly, the decommissioning of the Honolulu Power Plant occurred in 2014. These closures have left a void of inactivity in the Downtown Waterfront, presenting an opportunity and a demand for the revitalization and activation of these two specific sites.

The Proposed Project is poised to transform and modernize the area into a vibrant cultural destination by establishing a contemporary garden and art, drawing inspiration from Chihuly Garden and Glass in Seattle. Through the creation of an immersive experience that celebrates cultural heritage and artistic expression, the Proposed Project aims to breathe new life into the waterfront. This revitalization offers residents and visitors a unique space that seamlessly merges art, education, and the scenic beauty of the waterfront.

The Proposed Project is set to introduce art galleries, gardens, educational facilities, and additional complementary features, fostering a supportive environment for both local and international artists, as well as established and emerging talents. This initiative aims to significantly contribute to the promotion and expansion of creative arts in Hawai'i. Furthermore, the Proposed Project is anticipated to stimulate economic growth by drawing residents and visitors to the Downtown Waterfront, potentially attracting additional businesses and creating new opportunities for the local community.

The Proposed Project is set to introduce art galleries, gardens, educational facilities, and additional complementary features, fostering a supportive environment for both local and international artists, as well as established and emerging talents. This initiative aims to significantly contribute to the promotion and expansion of creative arts in Hawai'i. Furthermore, the Proposed Project is anticipated to stimulate economic growth by drawing residents and visitors to the waterfront area, potentially attracting additional businesses and creating new opportunities for the local community.

Beyond its economic impact, the Proposed Project is positioned as an educational hub, offering programs designed to impart knowledge about the art and the science of glass art. Simultaneously, it seeks to honor the historical significance of the Project Site, creating a space that commemorates the past while fostering creativity and innovation for the future.

In summary, the goals and objectives of the Proposed Project are to:

- Align the Proposed Project with the Honolulu Waterfront Master Plan and development objectives of the ATDC;
- Revitalize and modernize the existing Hawai'i Maritime Center and the Old Honolulu Power Plant into a garden and art attraction to provide a variety of experiences at the water's edge;
- Foster and promote visual art and creative expression;
- Showcase glass art installations; and
- Serve as an educational resource by implementing programs, classes, demonstrations, and excursions designed to educate all segments of the population about art and the science of glass art.

2.3 Project Timeline

Following design and permitting, the construction of the Proposed Project is anticipated to commence in 2025 and begin operating in 2026.

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CHAPTER 3: DESCRIPTION OF EXISTING ENVIRONMENT, IMPACTS, AND MITIGATION MEASURES

3. DESCRIPTION OF EXISTING ENVIRONMENT, IMPACTS, AND MITIGATION MEASURES

3.1 Climate and Climate Change

3.1.1 Current Climate Conditions

The climate of O'ahu is characterized as semi-tropical and remains relatively moderate year-round. Generally, O'ahu experiences two seasons with the summer season running from May through September and the winter season running from October through April. The summer period is typically warm and dry, with predominantly northeast trade winds. In contrast, the winter season is associated with lower temperatures, higher rainfall, and less prevalent trade winds.

The Proposed Project is located in Honolulu, situated along the southeast coast of the island of O'ahu. Honolulu is characterized by a tropical climate with warm temperatures, abundant sunshine, and persistent trade winds throughout the year. Honolulu is generally windy and mostly clear year-round with temperatures varying from 68 degrees Fahrenheit (°F) to 87 °F and is rarely below 63 °F or above 89 °F. Wind speed varies year-round in Honolulu with windier months from May to September with an average wind speed of more than 14.4 miles per hour. Calmer months run from September to May with an average wind speed of 12.4 miles per hour. Rain falls throughout the year in Honolulu with most rain occurring in January, with an average rainfall of 2.4 inches.

Impacts and Mitigation Measures

No significant adverse impacts to climate conditions at or in the vicinity of the Project Site are anticipated to result from the development and operation of the Proposed Project. The Proposed Project will be appropriately designed to take into consideration the context of the surrounding environment and is not anticipated to significantly influence or affect temperatures, wind, or rainfall levels.

3.1.2 Observed Climate Change

It has become widely acknowledged that the State of Hawai'i has been and will continue to be impacted by diverse climatic variabilities including, but not limited to rising sea levels, increasing ocean acidity, changing rainfall patterns, decreasing stream base flow, changing wind and wave patterns, and changing habitats and species distribution. Research identifies anthropogenic greenhouse gas (GHG) emissions as the key contributor to climate change and its impacts which pose considerable challenges to the State of Hawai'i (Climate Change Commission, 2018). Over the last 40 years, the rate of temperature rise in the State of Hawai'i has increased by over 0.3°F (0.17°Celsius (C)) per decade. Over the past 100 years, the average air temperature has increased by 0.76°F (0.42 °C) with the most recent years having the highest recorded temperatures (Climate Change Commission, 2018).

Increased temperatures cause thermal stress for plants and animals, as well as heat-related illnesses in humans. Additionally, pathogens and invasive species are expected to surge with increasing temperatures. The risk of transmission of avian disease is likely to escalate due to the warming of high elevation forests, threatening endemic avian bird species, such as the

Hawaiian honeycreeper. Impeding precipitation at higher elevations will constitute a threat to Hawai'i's major freshwater source. Four Representative Concentration Pathways (RCPs) of the climate response to GHG emission levels from socioeconomic scenarios were provided by the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5). The RCPs estimate that global mean temperature will increase by at least 2.7°F (1.5 °C) by the end of the century for intermediate to high future scenarios. The range of nightly low and daytime high temperatures, an important factor for circadian species, is decreasing more rapidly in Hawai'i than the global mean (Safeeq et al., 2012). Hawai'i's temperature is projected to increase, with a range of +4-5°F (2.2-2.8°C) for high emissions scenarios by 2085 (Keener et al., 2013).

Ocean warming projections predict the most severe impacts to be experienced in tropical and Northern Hemisphere subtropical regions, with increases up to 3.6°F (2.0°C) in the upper ocean levels above 650 feet. (200 meters) by the end of the century. Sea surface temperatures have warmed between 0.13°F and 0.41°F (0.007°C and 0.23°C) per decade in the Pacific. This trend is projected to accelerate, warming by 2.3°F to 4.9°F (1.3°C to 2.7°C) before the end of the century. As an island, O'ahu has both a heavy economic and cultural dependency on the ocean. Increasing sea surface temperatures will have an effect on ocean circulation and nutrient distribution having major impacts on ocean habitats such as coral reefs.

Coral reefs are necessary for the global ecosystem to thrive, and function by absorbing carbon dioxide and producing oxygen. However, due to continued temperature increases, the symbiotic algae within coral are harmed, impairing a coral's ability to provide necessary ecosystem services. The algae are a main source of nutrients for the coral; therefore, a loss of algae weakens the coral causing eventual death and a major loss of surrounding biodiversity. This process is known as "coral bleaching" because the expelling of algae causes the coral to lose its color. Events of mass coral bleaching are increasing in frequency throughout Hawai'i and the rise of sea temperatures has additionally been linked to coral disease outbreaks. In addition to the damaging effects of rising sea temperatures, increases in ocean acidity are another threat to coral reefs. As ocean acidity increases, corals and shellfish that depend on the minerals in the water weaken. Pacific Ocean acidity has increased by approximately 25 percent in the past three centuries and is likely to increase another 40 to 50 percent by 2100. Rainfall in Hawai'i significantly varies based on trade winds, topography, mid-latitude weather systems, storms and cyclones, El Niño-Southern Oscillation and Pacific Decadal Oscillation phases, and more (Schroeder, 1993). Challenges presented by the accurate projection of future rainfall and runoff patterns are heavily impacted by climate change in addition to natural variability, complex topography, land uses, and other factors. The overarching trend across the islands has shown a decrease in total rainfall over the past 30 years in both wet and dry seasons (Climate Change Commission, 2018). On O'ahu, the largest declines have occurred in the northern Ko'olau mountains. Future projections predict an increase in the frequency of extreme rain events, which has negative implications for stormwater infrastructure, sustainable yield from aquifers and runoff into coastal waters. The total annual average rainfall in Hawai'i, represented by the Hawai'i Rainfall Index, has decreased over the last century (Hawai'i Climate Data Portal, 2023). Streamflow records also show a decline in base flow by 20 - 70% over the last century depending on the water shed, suggesting a decrease in groundwater levels. On O'ahu and Kaua'i, rainfall intensity has decreased over the last 60 years; however, rainfall intensity has increased on the island of Hawai'i. Due to the steep terrain and concrete stream channels, flash flooding caused by high intensity rainfall has resulted in multimillion dollars of damage to infrastructure. In recent years, Hawai'i has experienced longer droughts due to an

increasing trend in length of dry periods between 1980-2011 as compared to 1950-1970 (Chu et al., 2010). Prevailing northeasterly trade winds in Hawai'i have decreased in frequency since 1973 (Collins et al., 2010; Tokinaga et al., Garza et al., 2012).

There are different models and methodologies in forecasting sea level rise projections at the end of the century. Model projections range from small increases to increases of up to 30% in wet areas, and from small decreases to decreases of up to 60% in dryer areas (Climate Change Commission, 2018). Timm et al., (2014) applied a statistical downscaling method described by Timm and Diaz (2009) to find a connection between the large-scale atmospheric circulation over the Pacific with the rainfall over Hawai'i. This six-model analysis concluded that the most likely scenario for Hawai'i is a 5-10% reduction of precipitation during the winter season, and a 5% increase during dry season by the late 21st century, as a result of circulatory changes (Timm and Diaz, 2009). While it remains uncertain whether this data will reflect in Hawai'i, if drought events continue to increase, dry areas could see more fire and issues with decreased water supplies.

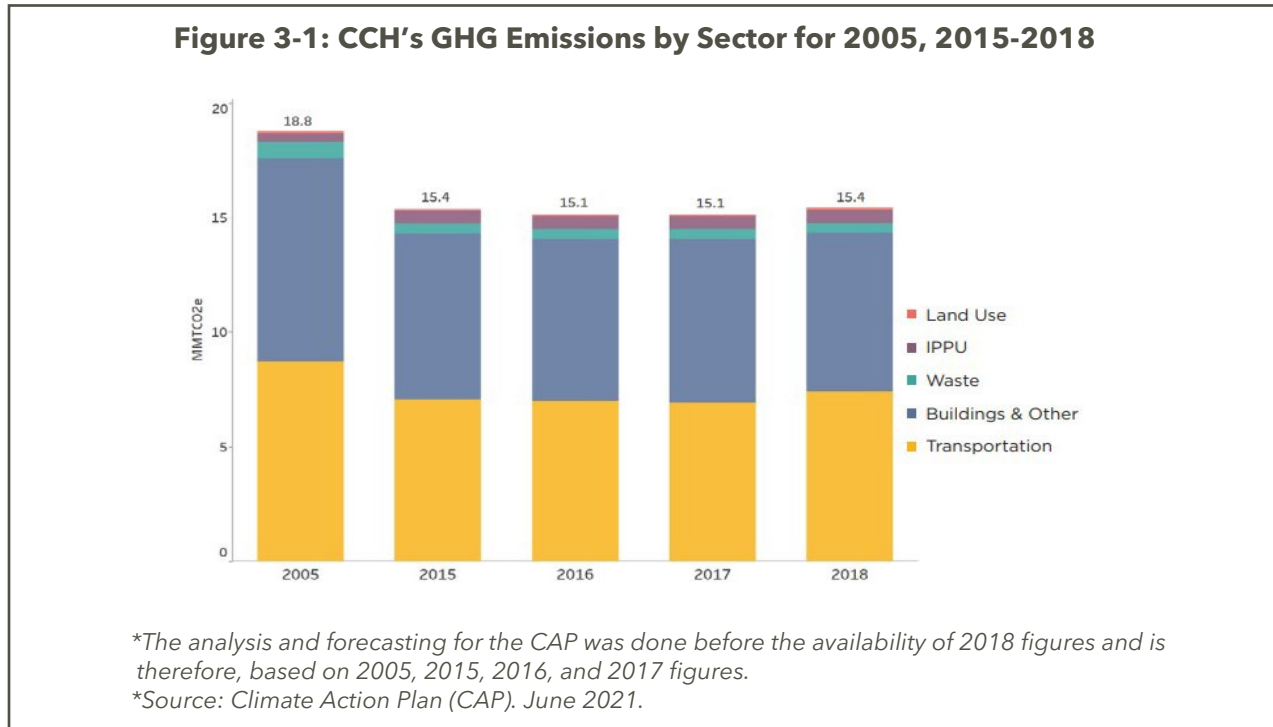
Two centuries of unabated greenhouse gas (GHG) emissions including carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), ozone (O₃), and fluorinated gases, from anthropogenic sources is largely responsible for increases in global atmospheric temperatures and ocean warming over the past century. GHG's absorb and "trap" solar radiation instead of reflecting it back into space which causes the greenhouse gas effect. While a fraction of GHG emissions is released from natural sources, a majority result from human activity in the following economic sectors, in order from most to least emissions: electricity and heat production; agriculture, forestry and other land-use activities; industrial activity; transportation; other energy production processes; and buildings (IPCC, 2014). The United States is one of the top 3 GHG emitters, which together contribute 42.6% of total emissions according to the World Resources Institute (Friedrich et al., 2023).

The risks of climate change, as discussed earlier, include changes in rainfall intensity, SLR, temperature, groundwater levels, saltwater intrusion, and impacts from storm hazards, which collectively make planning for climate change a challenging task. In response to the Paris Agreement, Hawai'i is under the directive of the Hawai'i Climate Change Mitigation and Adaptation Commission (Commission), which aims to reduce ground transportation emissions and adapt to sea level rise (SLR), including disaster recovery preparedness on the statewide level. The CCH has outlined a plan to prepare for the effects of climate change in the CCH's Climate Change Commission's Climate Change Brief. In July of 2018, the Mayor of CCH issued Directive 18-02, which requires each CCH department and agency to:

- Consider the need for both climate change mitigation and adaptation as pressing and urgent matters;
- Take a proactive approach in both reducing GHG and adapting to impacts caused by SLR; and
- Align programs whenever possible to help protect and prepare the infrastructure, assets, and citizens of the CCH for the physical and economic impacts of climate change.

The CCH City Council passed its first-ever Climate Action Plan (CAP) in June 2021. This CAP is a science-based, community-driven strategy for O'ahu to combat climate change and eliminate

fossil fuel emissions. The CAP outlines that the CCH’s GHG emissions have declined nearly 18% between 2005 and 2018. However, transportation related GHG emissions caused an increase from 2017 to 2018 as illustrated by Figure 3-1 below. The figure represents the CCH’s GHG emissions by sector, which includes Land-Use, Industrial Processes and Product Use (IPPU), Waste, Buildings & Other, and Transportation.



In summary, the CAP outlines a detailed list of programs, policies, and actions that the CCH can implement, alongside with State and Federal actions, to reduce GHG emissions by 45% over the next 5 years and to achieve carbon neutrality by 2045.

Impacts and Mitigation Measures

The development and operation of the Proposed Project is not anticipated to directly contribute to, or substantially impact climate change or climate change related conditions at or within the vicinity of the Project Site. Annual and daily variations of climate are dependent on numerous factors including elevation, distance inland, and exposure to trade winds. The Proposed Project will be appropriately designed to take into consideration the context of the surrounding environment and is not anticipated to significantly influence or affect temperatures, wind, or rainfall levels at the Project Site or within the greater region. Moreover, the Proposed Project will not exacerbate the impacts associated with climate change at the Project Site, greater region, or State from the development and operation of the Proposed Project.

In the short term, it is anticipated that activities related to the construction of the Proposed Project may result in minimal GHG emissions. Construction related emissions include tailpipe emission from construction equipment, delivery trucks, and workers commuting to and from the construction site. It is anticipated that the quantities of GHGs released from construction related activities will be negligible and usage of each

piece of equipment would be sporadic and not simultaneous. Moreover, the contractors from the construction of the applicable projects will be required to prepare a dust control plan compliant with the provisions of Chapter 11-60.1, HAR, Air Pollution Control. In the long term, the Proposed Project is anticipated to have a minimal impact on traffic conditions in the area. While there may be some increase in traffic generated by the Proposed Project, it is expected to be negligible and not significantly affect the overall traffic flow (further discussed in Section 3.11).

However, it is acknowledged that the exact nature of how the climate will change in the upcoming years is unknown. The 2023 Honolulu Climate Change Commission's letter to the mayor and council chair regarding project estimates of sea level rise underscores the importance of integrating the latest scientific insights into both planning and policy formulation. This highlights the necessity for continual updates and flexibility in adaptation strategies to effectively address the evolving challenges posed by climate change. On a broader policy level, new information will continually need to be incorporated into future assessments to identify where efforts should be focused when developing adaptation strategies to climatic changes. It is anticipated that the Proposed Project will be flexible in order to conform with guidance set forth by best practices outlined by policies and research based on the best scientific data at the time as climate change science, technology, and policies evolve. It is anticipated that the Proposed Project will conform to guidance set forth by best practices outlined by policies and research based on the most recent data as it continues to evolve.

3.2 Physiography

3.2.1 Geology and Topography

The island of O'ahu is formed by the Wai'anae Range to the west and the Ko'olau Range to the east. Both are remnants of shield volcanoes that have lost most of their original shield outlines with long, narrow current formations shaped by erosion. Lava is sent down the valleys during post-erosional eruptions resulting in the formation of volcanic cones such as Diamond Head and Tantalus. The southern central coast of O'ahu, geographically referred to as the Honolulu Plain, showcases a substantial elevated coral reef partly covered by alluvium from the mountains. Core examples reveal interbedded lava flows of the Honolulu Series along with reef deposits formed during periods of higher sea levels. Before the dredging and filling of Honolulu Harbor, the shoreline includes submerged coral reefs, mudflats, and islands of varying sizes, shapes, and elevations.

Honolulu harbor was formed from the continuous flow of fresh water from Nu'uuanu Valley, which restricted coral growth and led to the formation of a basin and a natural harbor. The freshwater also carved channels through the coral reef, where sand gradually accumulated, resulting in the growth of Sand Island over time. Over the years, dredging activities in Honolulu Harbor have continually expanded both the size and depth of the harbor basin and entrance channel. The material excavated from these dredging operations was repurposed to create additional land by filling the tidelines surrounding the harbor, including the Project Site, and the seaward reef at Sand Island, formerly known as Ānuenuue Island. The Kapālāma Basin, initially a natural break in the reef, became linked to the Main Harbor Basin through the creation of the Kapālāma Channel through dredging. In 1960, the western entrance channel (Kalihi Channel) was introduced to the Kapālāma Basin, significantly enhancing circulation within the

latter basin and the overall Honolulu Harbor. This ongoing process has played a crucial role in shaping both the size and the depth of the harbor infrastructure.

As mentioned previously, the Project Site was created from fill land and is located at elevations approximately 0 - 10 feet above mean sea level (msl) (See Figure 3-2). The Project Site is generally flat and will be constructed on the current site of the Maritime Museum and the Honolulu Power Plant as discussed in Section 1.2.

Impacts and Mitigation Measures

Construction activities associated with the implementation of the Proposed Project will not result in soil erosion as a result of the clearing, grubbing, grading, excavation, and infilling of soil. Soil erosion will be minimized through compliance with the CCH’s grading ordinance, and the applicable provisions of the State of Hawai‘i Department of Health (HDOH) Water Quality Standards (HAR, Section 11-54) and Water Pollution Control requirements (HAR, Section 11-55). With the implementation of best management practices (BMPs), potential impacts including the phasing of construction activities replacing ground cover of the disturbed area, providing adequate water sources at the Project Site, and the use of temporary silt fencing and screens will be mitigated. Project construction actions will not involve major land disturbing activities involving mass grading or significant revisions to site contours.

3.2.2 Soils

The soil types or classifications for the Project Site are based on soil surveys by the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Soil Survey (See Figure 3-3). The NRCS system classifies soils by type, capability classification, and permeability. Soils underlying the Project Site are classified in Table 3-1 below.

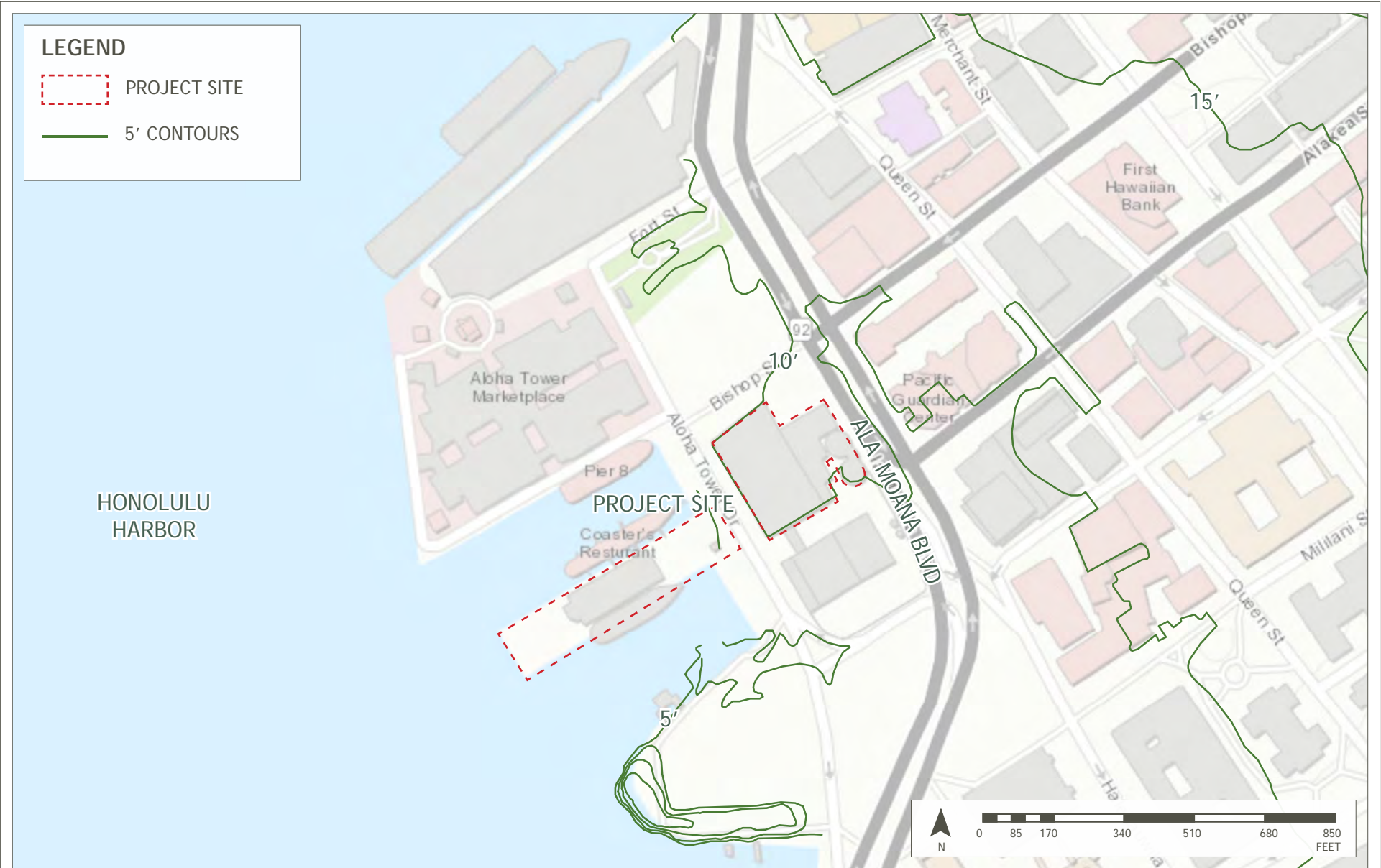
Table 3-1 Soil Classification		
Map Unit Symbol	Map Unit Name	Description
FL	Fill Land, mixed	100% filled land. Rare frequency of flooding, low runoff classification, well drained. Typical profile of gravelly sandy loam and fine sandy loam.

Impacts and Mitigation Measures

The Proposed Project is not anticipated to result in long-term, secondary, or cumulative adverse impacts to soils. The Project Site will be graded to provide positive drainage for storm water runoff to flow towards onsite drain inlets or directly off-site. Storm water excess of the existing conditions will need to be retained on onsite. Accessible walkway layouts, dimensions, and slopes will comply with ADA Accessibility Guidelines.

In the short term, minor grading activities may be undertaken in association with project construction. Grading activities will be limited to the Project Site and will not impact the surrounding area. All excavation and grading activities would be regulated by applicable provisions of the CCH’s grading ordinances (Chapter 14, Articles 13-16, HAR) and comply with the Rules Relating to Water Quality, Department of Planning and Permitting (DPP), CCH, amended September 17, 2018, to control soil erosion and ensure that discharge of pollutants from the construction site will be reduced to the maximum extent practicable (MEP). Temporary erosion control measures will be installed prior to any demolition and/ or construction activities. Recommend Structural

BMPs include silt fence, filter sock, stabilized construction ingress/ egress, and sediment control filters at drain inlets and catch basins as required. Additionally, a National Pollutant Discharge Elimination System (NPDES) permit for stormwater runoff from construction activities would be required should individual and/or cumulative soil disturbances in the Project Site exceed one acre of land area.



ELEVATIONS MAP

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-2



SOIL CLASSIFICATION

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-3

3.3 Hydrology

3.3.1 Surface and Coastal Waters

The nearest stream within the vicinity of the Project Site is Nu'uuanu Stream, which is situated approximately 0.5 miles to the north. Nu'uuanu Stream is a perennial stream which originates from flows that begin in the Ko'olau mountain ranges and discharge into Honolulu Harbor, near Pier 15.

The nearest coastal water to the Project Site is Honolulu Harbor, which borders it on the north, south, and west sides. Honolulu Harbor is the result of dredging of what was originally the drainage basin of Nu'uuanu Steam. Dredging activities began as early as the mid-1800s to accommodate maritime industries, leading to the development of the harbor and its surrounding community. The dredged material was utilized to fill the tidelines surrounding the harbor, including the Project Site. Over the past century, Honolulu Harbor has undergone significant changes due to ongoing development modifications of its shoreline. Coral wetlands that once surrounded the harbor were filled in to construct docks and wharves, altering the harbor's natural landscape.

In the 1980s, concern grew over the abundance of nonindigenous marine species in Hawaiian waters, due to Hawai'i's location in the Pacific ocean and its role as a major port. In a Bishop Museum study conducted from 1997 to 1998, various harbor locations that are major points of entry to the Hawaiian Islands for commercial shipping, fishing vessels, and long range sailing craft that might transport nonindigenous species into Hawaiian waters were surveyed. These harbors include Honolulu Harbor, Keehi Lagoon, Kewalo Basin, Ala Wai Yacht Harbor, and Barber's Point Deep Draft Harbor to evaluate the composition of marine communities. Observations were made on common macroinvertebrate and fish species, and benthic fouling and sediment biota were sampled. One of 15 stations surveyed in Honolulu Harbor was near the Project Site, particularly in the basin where the intake for the Hawaiian Electric power station cooling is located. This area features a concrete wall extending 8 feet deep to the top of the dredged reef, where abundant reef corals are found along the wall (McCain and Coles 1973; McCain et al 1975). The wooden piers at Pier 7 and Pier 8 once supported abundant coral, however, corals are now scarce because of the deck's shading of the pier walls. The pillars now support an abundant fouling community of suspension feeders.

In summary, the study detected 13 nonindigenous and two cryptogenic marine species not previously reported in Hawai'i. Factors contributing to the apparent increase in marine introductions include increased transport, survival, and propagation of introduced species through vectors such as hull fouling, ballast water transport, aquaculture, or fisheries introductions and aquarium releases. Additionally, increased sampling efforts in the 1990s and attention to taxonomic groups likely transported and introduced to new areas may have led to the discovery of previously unnoticed species.

The results of this study are similar to findings from a Pearl Harbor survey in 1996, indicating that high values for introductions in certain decades were sampling effort related. In Pearl Harbor, during the 1910s and 1940s, the ratio of introductions to total species were higher in periods of harbor opening and construction, as well as during intense increases in shipping activity and following WWII (Coles et al 1999). This finding may also be related to increased shipping activities in Honolulu Harbor during the decade of WWII when harbor construction

and activity increased. Both studies suggest that introductions have been occurring over an extended period.

AECOS conducted a Natural Resources Assessment for the Project Site in 2024 and found two benthic habitat types recognized throughout Honolulu Harbor: the soft bottom substrate of the harbor floor and the hard substrate along the shoreline perimeter, including both man-made and naturally occurring substrate that has been modified over the past century to construct the harbor. At Pier 7, both soft substrate and hard substrate habitats occur. The soft substrate community consists primarily of dark, very soft silt and fine sand with no evidence of any surface dwelling macroinvertebrates, macroalgae, or seagrass beds. With the exception of numerous small (typically less than 1 cm) burrow holes, the bottom lacks visible structural features. However, it is known that soft sediment habitats, in general, support a diverse community likely consisting of primarily polychaetas, crustaceans, mollusks, and burrow-dwelling fish living within the mud. See Section 3.5.1 for more information on marine biota and a summary of AECOS Natural Resources Assessment, also included herein as Appendix A.

Honolulu Harbor is classified as Class A water by the HDOH. Class A waters classification signifies that protection should be given to uses for recreational purposes and aesthetic enjoyment (See Figure 3-4). Honolulu Harbor is a commercial harbor and a USCG regulated secured zone due to its nature as a critical infrastructure. Recreational activity, such as no fishing, is restricted.

Impacts and Mitigation Measures

No short- or long-term significant adverse impacts on surface and / or coastal waters in the vicinity of the Project Site are anticipated during construction or operation of the Proposed Project. It should be noted that the Proposed Project does not include any developments within the Honolulu Harbor waters. The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work. Potential impacts to surface water are related to construction activities and stormwater runoff. Thus, measures to prevent or minimize impacts to fish and wildlife resources include the following:

- Stormwater runoff will be minimized through compliance with HDOH and CCH regulations. Any discharged water encountered and removed while digging foundations for the Proposed Project must comply with Federal requirements as well as applicable State Water Quality Standards specified in HAR, Chapter 11-54 and 11-55 Water Pollution Control, HDOH. As noted above, applicable erosion control measures and BMPs will be implemented in order to mitigate any possible adverse effects relating to runoff.
- Inspect and clean all project construction-related materials and equipment to remove pollutants prior to use.
- Avoid debris disposal, non-native species introduction, or attraction of non-native pests to the affected or adjacent aquatic or terrestrial habitats.
- Avoid construction activities on the pier during spawning season to minimize vibrations and impact on the marine environment.

-
- Avoid stockpiling project construction-related materials in close proximity to aquatic habitats and protect from erosion, to prevent materials from being carried into waters by wind, rain, or high surf.
 - Fueling of project-related vehicles and equipment will take place away from aquatic environments. In addition, a contingency plan will be created to control petroleum products accidentally spilled during the project construction. Absorbent pads and containment booms will be stored on-site to facilitate the clean-up of accidental petroleum releases.
 - All deliberately exposed soil or under-layer materials used in the Proposed Project near the water will be protected from erosion and stabilized as soon as possible with geotextile, filter fabric or native/ non-invasive vegetation matting, hydro-seeding, etc.

Additionally, coordination will be undertaken with the appropriate agencies during permitting and construction in order to ensure that the Proposed Project will not result in significant impacts with regard to surface and coastal waters.

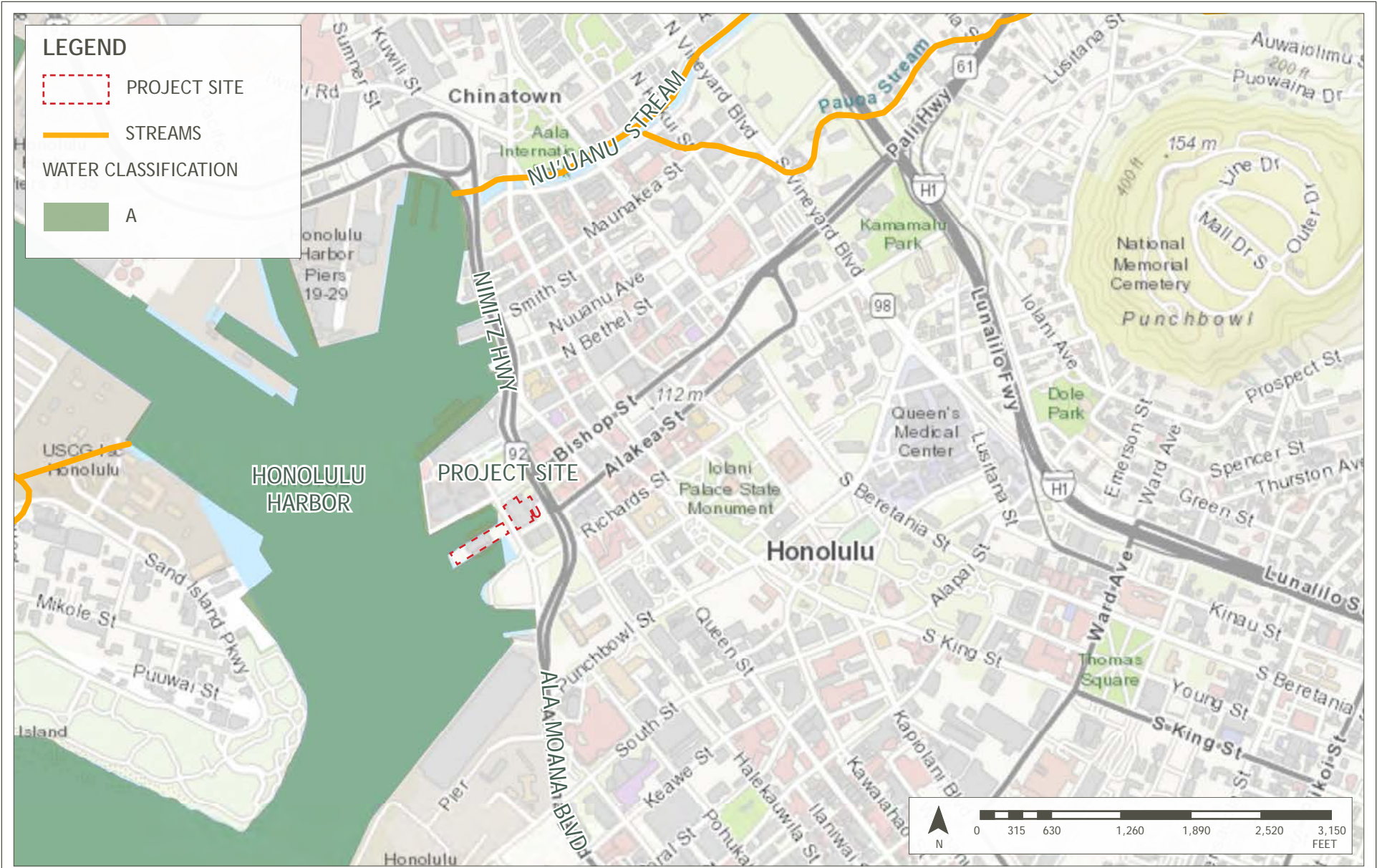
3.3.2 Groundwater Resources

The State Department of Land and Natural Resources (DLNR), Commission on Water Resource Management (CWRM) has established a groundwater hydrologic unit and coding system for groundwater resource management. The Project Site is located within Honolulu aquifer sector, in the Nu'uaniu Aquifer System (See Figure 3-5). The Nu'uaniu Aquifer has an estimated yield of 14 million gallons per day (mgd). The users of this aquifer include residential, commercial, manufacturing, government, parks, school, and other public facilities.

Impacts and Mitigation Measures

The Proposed Project is not expected to have significant adverse impacts on groundwater quantity or quality within the Project Site. Significant impacts to the coastal environment due to groundwater inputs are not expected from the Proposed Project. Any activity occurring near groundwater would be conducted in accordance with applicable regulations. In addition, appropriate mitigation measures including silt fencing, proper storage, and movement of spoils, monitoring groundwater, and careful site preparation will be utilized to minimize adverse impacts. In the short term, construction activities are not likely to introduce to, nor release from the soils, any materials that could adversely affect the underlying groundwater. Any materials or waste produced during the operation of the Proposed Project would be handled in compliance with the necessary CCH and State regulatory requirements.

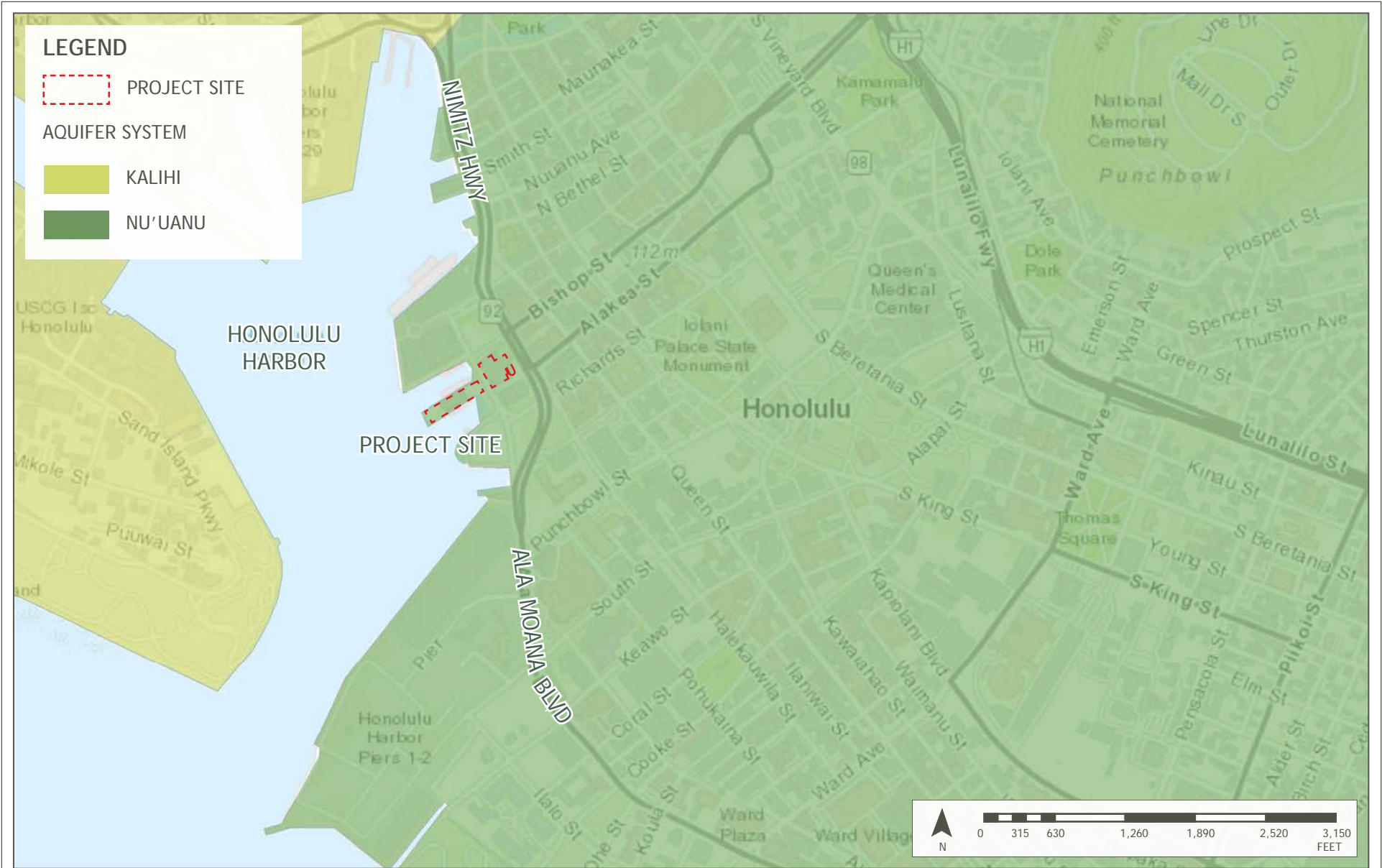
In addition, water conservation measures as requested by the Board of Water Supply (BWS) will be implemented until new sources are completed. These measures may include utilization of non-potable water for irrigation using rain catchment, drought tolerant plants, xeriscape landscaping, efficient irrigation systems, such as a drop system and moisture sensors, and the use of Water Sense labeled ultra-low flow water fixtures and toilets.



SURFACE WATER MAP

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-4



AQUIFER MAP
Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-5

3.4 Natural Hazards

According to the Disaster Mitigation Act of 2000 (FEMA, 2000), 44 Code of Federal Regulations, Hazard Mitigation Planning, required States and Counties to have approved hazard mitigation plans as of November 1, 2004, to receive Pre-Disaster Mitigation funding. The development of State and local hazard mitigation plans remains critical for maintaining eligibility for future Federal Emergency Management Agency (FEMA) mitigation and disaster recovery funding.

The 2018 State Multi-Hazard Mitigation Plan is a comprehensive multi-hazard mitigation strategy to reduce loss of life and property damage. The mitigation plan identifies the major natural hazards that affect the state and assesses / analyzes each risk the hazard poses as well as the vulnerability of the State's population, property, and infrastructure to the specific hazard, and recommends actions that can be taken to reduce the risk and vulnerability to the hazard. The mitigation plan contains a description of programs, policies, statues, and regulations applicable to hazard mitigation that has begun and is expected to be released at the end of 2023.

The CCH also maintains a Local Hazard Mitigation Plan, that the State of Hawai'i Emergency Management Agency reviews in accordance with The Disaster Mitigation Act of 2000 (FEMA, 2000), 44 Code of Federal Regulations and coordinates with the CCH to ensure compliance with the federal regulations.

Identified major natural hazards that could affect the State and the CCH are climate change effects (including SLR / coastal erosion), floods, tsunamis, strong windstorms / hurricanes, earthquakes, landslides / rockfalls, wildfires, and volcanic hazards.

3.4.1 Sea Level Rise

Climate change and associated impacts are discussed in detail in Section 3.1.2 above. This section will thoroughly discuss SLR and coastal erosion impacts.

Honolulu is the State's most populous city and serves as the State's capital. O'ahu, with approximately one million residents, constitutes around 70% of the State's total population. As a result, O'ahu possesses many of the State's critical resources, infrastructure, and services. The vulnerability of O'ahu to flooding and SLR has substantial economic and social implications for the islands and communities across the State.

According to findings from the UH Sea Level Center, Hawai'i has approximately 15 years to prepare for the impacts of SLR. A study compared sea level data from 89 harbors, including 6 in Hawai'i, with known tidal and SLR projections from the National Oceanic and Atmospheric Administration (NOAA). The results indicated a rapid increase in the number of flood days by the mid-2030s (Thompson et al., 2021). It is anticipated that Honolulu will experience two to three high tide flood days per month by the early 2040s (Thompson et al., 2021).

Coastal erosion is a natural occurrence, however, rising sea levels are accelerating its rate. Over the next 30 to 70 years, properties situated at or near shorelines across the State will face severe impacts of SLR, including chronic flooding.

The combination of rising sea levels and projections indicating stronger and more frequent El Niño events and tropical cyclones in the waters surrounding Hawai'i suggests a growing vulnerability to coastal flooding and erosion. The Hawai'i Sea Level Rise Vulnerability and Adaptation Report, last updated in 2022, provides the latest projections of global and regional SLR from an intergovernmental report led by NOAA. Models suggest that Hawai'i will experience SLR between 0.7 and 1.5 feet by 2050 (AR6; IPCC 2021). By the end of the century, SLR is anticipated to range from 1.3 feet to 8 feet (NOAA, 2022).

Compound flood sources, including rain events, overwhelmed drainage systems, and coastal groundwater emergence, are likely to exacerbate flooding impacts resulting from SLR. The CCH Climate Commission has issued SLR guidance, recommending the use of 3.2 feet of SLR as a planning benchmark for most developments, and considering 6 feet of SLR as a planning benchmark for critical infrastructure with long expected lifespans and low risk tolerance (Climate Change Commission, 2018).

The Project Site is located within the 6.0 feet SLR Exposure area (See Figure 3-6).

Impacts and Mitigation Measures

The Proposed Project is not anticipated to have adverse effects that could result in SLR. However, the Project Site is bounded by Honolulu Harbor to the north, south, and west side and is within the predicted 6.0 SLR exposure area. Consequently, the Project Site is susceptible to potential impacts from SLR. However, it is anticipated that the Proposed Project will incorporate mitigation measures to safeguard critical resources, infrastructure, and services associated with the Proposed Project.

On a broader policy level, new information will continually be incorporated within future assessments to identify where efforts should be focused when developing adaptation strategies to SLR impacts. It is anticipated that the Proposed Project will be flexible to conform with guidance set forth by best practices outlined by policies and research based on the best scientific data at the time as climate change science, technology and policies evolve.

3.4.2 Flood and Tsunami Hazards

Flood can be defined as the temporary inundation of land, often resulting from excessive rainfall events, storm surges, or other sources. While floods are caused by natural events, the majority of flood damage is attributable to human occupation and land development that is susceptible to flooding due to inadequate protection. Urban Honolulu is particularly vulnerable to flooding from storms, storm surges, high surf, longer-range sea-level rise, and, on rarer occasions, tsunamis. According to the Department of Emergency Management (DEM), flood-related damages amount to millions of dollars annually, and historical data from 1915 to 2018 indicate that floods caused by rainstorms, tsunamis, and hurricanes have claimed over 140 lives and inflicted more than \$200 million in direct and indirect damages in the CCH. The 2018 State of Hawai'i Multi-Hazard Mitigation Plan emphasizes flood control and floodplain management, with a focus on reducing repetitive loss properties.

Flood Insurance Rate Maps (FIRM) for the area, prepared by the Federal Emergency Management Agency (FEMA), designate the Project Site within Flood Zone VE, AE, and X (See Figure 3-7). Table 3-2 outlines the various Flood Zone's associated with the Project Site.

Table 3-2 Flood Zone	
Flood Zone	Description
VE	Coastal High Hazard Area. Areas subject to inundation by 1% annual chance flood, with additional hazards from storm-induced waves, where the blasé floor elevation is determined.
AE	Flood Fringe. Areas subject to inundation by 1% chance flood where the base flood elevations are determined and shown on the map.
X	Areas of minimal flood hazard that are determined to be outside of the 0.2% annual chance floodplain.

Tsunamis are generated by earthquakes, landslides, or volcanism, and can reach speeds of up to 600 mph. Since the early 1800’s, approximately 50 tsunamis have inundated the State of Hawai’i. The most current tsunami was reported in 2011 and caused extensive damage estimated to be worth \$8.275 million today. Generated by a M9.0 earthquake off the coast of Honshu, Japan, peak heights between 7 and 11 feet were reported in the counties of Honolulu, Maui, and Hawai’i. Additional tsunamis impacting O’ahu shores occurred in 1952, 1957, 1960, and 1964.

There are three tsunami zones based on historical tsunami impacts over the past 100 years on O’ahu: 1) Tsunami Evacuation Zone (TEZ) which is commonly used for tsunami warnings. 2) Extreme Tsunami Evacuation Zone (XTEZ) representing a worst-case scenario, once in a thousand-year tsunami event for the State of Hawai’i and 3) Safe Zone.

The Project Site is located within the Tsunami Evacuation Zone (See Figure 3-8). In accordance with guidance from the CCH Department of Emergency Management and International Tsunami Information Center, it is recommended to evacuate inland toward a Safe Zone, or go to the fourth floor, or above in a building at least ten stories or taller in the event of a tsunami. It is recommended that people in the Safe Zone stay home to minimize traffic and allow emergency access for first responders and evacuees leaving the coastline.

Impacts and Mitigation Measures

No significant adverse impacts on flood hazards at the Project Site are anticipated to result from the construction or operation of the Proposed Project. As flood hazards are possible within the Project Site, best management practices (BMPs) are recommended to minimize any potential impacts. In the short-term, applicable BMPs may include temporary sediment basins, temporary diversion berms and swales to intercept runoff, silt fences, dust fences, slope protection, stabilized construction vehicle entrance, grate inlet protection, truck wash down areas, and use of compost filter socks so that impacts of flooding are not exacerbated from construction. In the long term the Proposed Project will incorporate applicable drainage improvements (discussed in further detail in Section 3.15.3) and appropriate building codes related to flooding impacts. While natural hazards cannot be avoided during construction, the impacts would be less than significant and reduced to the degree possible with the incorporation of the actions and practices recommended.

3.4.3 Hurricane and Wind Hazards

A hurricane can be defined as a tropical storm consisting of winds reaching a constant speed of 74 mph or more, posing significant risks to both people and infrastructure. While relatively rare in Hawai'i, the Hawaiian Islands are seasonally affected by hurricanes from the late summer to early winter months. Not all identified hurricane and strong wind storm threats make landfall in Hawai'i, and actual hurricane strikes in Hawai'i are relatively rare in modern record. More commonly, near misses occur, generating large swell and moderately high winds that cause varying degrees of damage to the islands.

When hurricanes and storm events occur, high winds can cause strong uplift forces on structures, particularly on roofs. Wind-driven debris can reach high velocities leading to significant property damage and posing risks to life and safety. Along the coastline, a surge of water, accompanied by battering waves can inundate low lying coastal areas. Due to differences in atmospheric pressure, tidal stage, coastal topography, and location relative to the eye of the hurricane it is challenging to predict the impact of hurricane-induced storm surge on specific locations due to various factors such as differences in atmospheric pressure, tidal stage, coastal topography, and distance from the eye of the hurricane.

Impacts and Mitigation Measures

The potential for hurricanes, while relatively rare, is present across the State of Hawai'i. Construction activities from the Proposed Project could potentially exacerbate the effects of hurricanes if loose materials are not secured prior to the event of a storm and become flying debris during project construction. To minimize this hazard, construction materials and equipment would be stored properly when not in use consistent with construction BMPs. The Proposed Project will be designed in accordance with the American Society of Civil Engineers and International Building Code Standards for wind exposure to safeguard against hurricane damage.

3.4.4 Seismic Hazard

Earthquake hazards include ground shaking, landslides, ground cracks, surface faulting, ground failures, rockfalls and tsunamis. In Hawai'i, the earthquake hazard is one of the highest in the U.S. due to volcanic activity occurring between Kīlauea and Mauna Loa on the island of Hawai'i. Although difficult to predict, an earthquake of sufficient magnitude causing structural or other property damage may occur in the future. However, apart from the island of Hawai'i, the Hawaiian Islands are not situated in a high seismic area subject to frequent earthquakes (Macdonald et al. 1983).

Under the International Building Code (IBC) seismic provisions the likelihood of seismic activity is classified into zones ranging from 0 to 4. Seismic Zone 0 represents no chance of severe ground shaking and Seismic Zone 4 represents a 10 percent chance of severe shaking in a 50-year interval. The U.S. National Seismic Hazard Model for Hawai'i, redesigned a Uniform Building Code which designates the Project Site within the region of O'ahu classified as Seismic Zone 2A under the IBC (2018). Earthquakes that occur in this zone are associated with strong shaking and may result in negligible damage to buildings in good design and construction, slight to moderate damage in well-built ordinary structures, and considerable damage in poorly built structures. Accordingly, the Proposed Project is assessed to have low vulnerability to earthquakes.

Volcanic hazards on O‘ahu are considered minimal due to the extinct status of former volcanoes; however, the effects of earthquakes occurring on the islands of Hawai‘i and Maui may be felt on the island of O‘ahu.

Impacts and Mitigation Measures

O‘ahu has not experienced significant seismic events in the modern era. As assessed above, the Project Site is within Zone 2A designation under the IBC, therefore damage to structure on the Project Site is negligible. The development of the Project Site, as pursued under the Proposed Project would be subject to adherence to strict design requirements, to ensure that all development of the Proposed Project would comply with geotechnical recommendations for seismic hazards and meet prevailing building codes by incorporating specifications to reduce vulnerability to earthquake at that time.

3.4.5 Landslides and Rockfall Hazards

Landslides have several causes including heavy precipitation, runoff, and ground saturation. Debris flows, also known as mudslides, mudflows, lahars, or debris avalanches, are common types of landslides that occur within a wide range of environments. Flows are distinguished from slides by their high-water content and distribution of velocities that resembles that of viscous fluids. Such flows are a form of rapid mass movement in which loose soils, rocks, and organized matter, combined with air and water, form a slurry that flows downslope. Flows generally occur during periods of intense rainfall (3 inches in a peak 6-hour period) (DEM, 2020). Indications of a landslide occurrence include, but are not limited to springs, seeps, or saturated ground that appear in areas that are usually not wet; new cracks or unusual bulges in the ground, street pavements, or sidewalks; and soil moving away from foundations.

Impacts and Mitigation Measures

The Proposed Project is not anticipated to have adverse impacts that could result in landslide or rockfall events as the Project Site is relatively flat and broad. Moreover, the Proposed Project’s construction will not involve any major land disturbing activities involving mass grading or significant revisions to site contours.

3.4.6 Wildfire Hazards

Wildfires pose many threats to life, property, the environment, and important natural resources, including endangered species. Nine out of ten wildfires are human caused; however, lightning has also been known as a natural cause of wildfires. The term “wildfire” applies to any unwanted and unplanned fire burning in a forest, shrubs, or grass regardless of whether it is naturally or humanly induced (DEM, 2020).

Globally, the number of wildfires has increased in past decades. Increases were likely caused by four key factors:

1. Past fire suppression policies, including one of “total suppression,” which allowed for the accumulation of fuel in the form of fallen leaves, branches, and excessive plant overgrowth in forest and wild land areas.
2. Increasingly dry, hot weather.
3. Changing weather patterns.
4. Increased residential development in the wild land/urban interface.

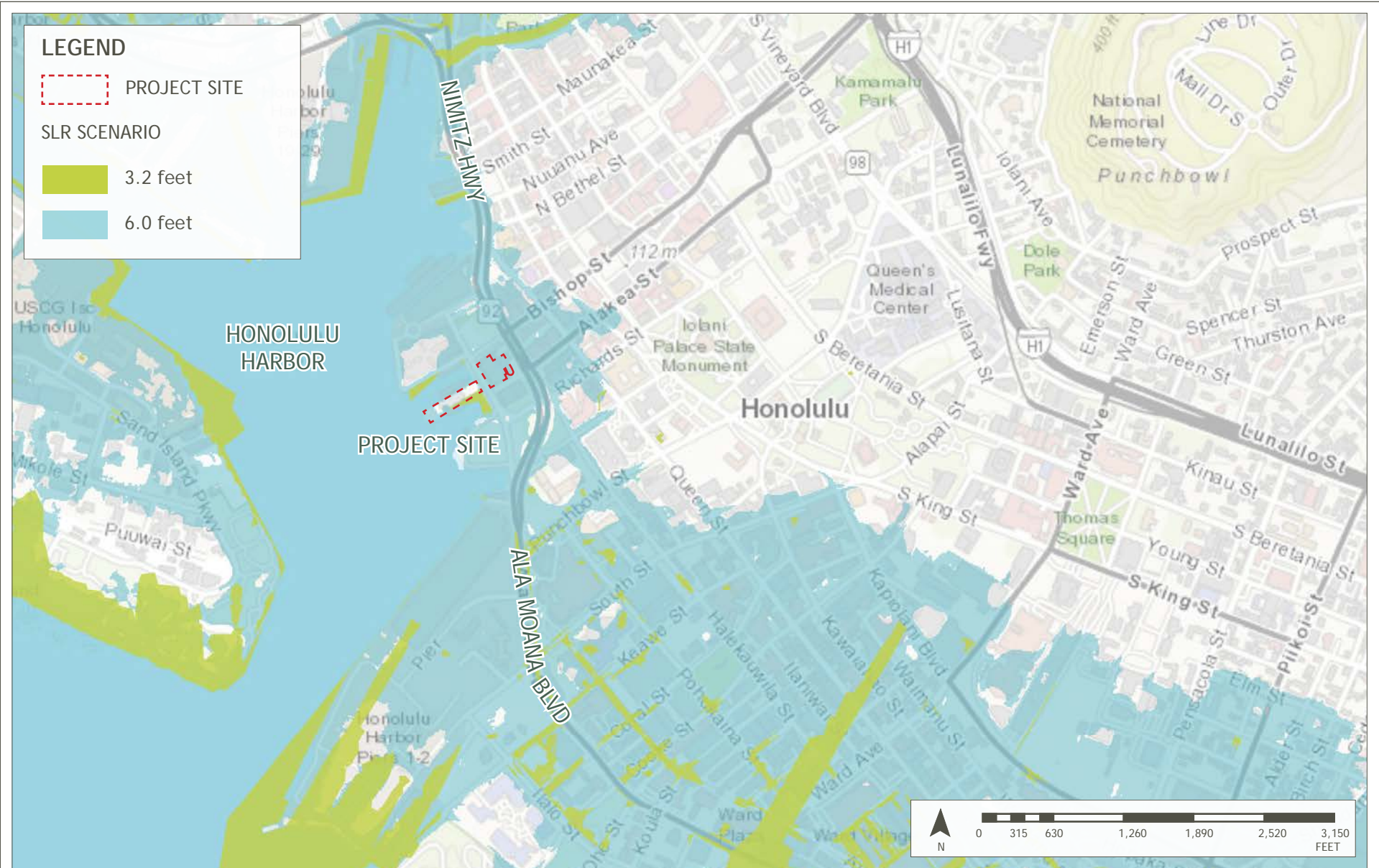
All the Hawaiian Islands are susceptible to wildfires, especially during prolonged drought and high winds. Hawai'i has experienced an annual average of over 1,000 ignitions burning over 20,000 acres each year in the last decade (Congressional Research Service, 2023). The wildfire occurrences were primarily human-caused ignitions; however, expansion of invasive non-native species and fire prone grasslands were cited to have been additional causes. Every year, approximately 0.5% of Hawai'i's total land area is burned which affects human safety, infrastructure, drinking water, agricultural production, cultural resources, native forests, watersheds, native forests, and coral reefs (Hawaii Wildfire). In recent years, the average annual cost to suppress wildfires in Hawai'i is about \$1,100,000 - making it a Statewide risk (DEM, 2020). The greatest danger of fire is where wildlands border urban areas. Through August 2018, wildfires in Hawai'i have burned 30,000 acres (about double the annual average). Historically, most of these fires have been directly caused by humans, either directly or by negligence. As further evidenced by recent events in West Maui, wildfires pose a significant threat to health and human safety and must be taken very seriously.

According to the Fire Risk Area Map produced by the Statewide GIS Program, the Project Site is within a low-risk area for wildfires (See Figure 3-9).

Impacts and Mitigations Measures

The Proposed Project is not anticipated to have adverse effects that could result in wildfire events. According to the Fire Risk Area Map produced by the Statewide GIS Program, the Project Site is within a low-risk area for wildfires.

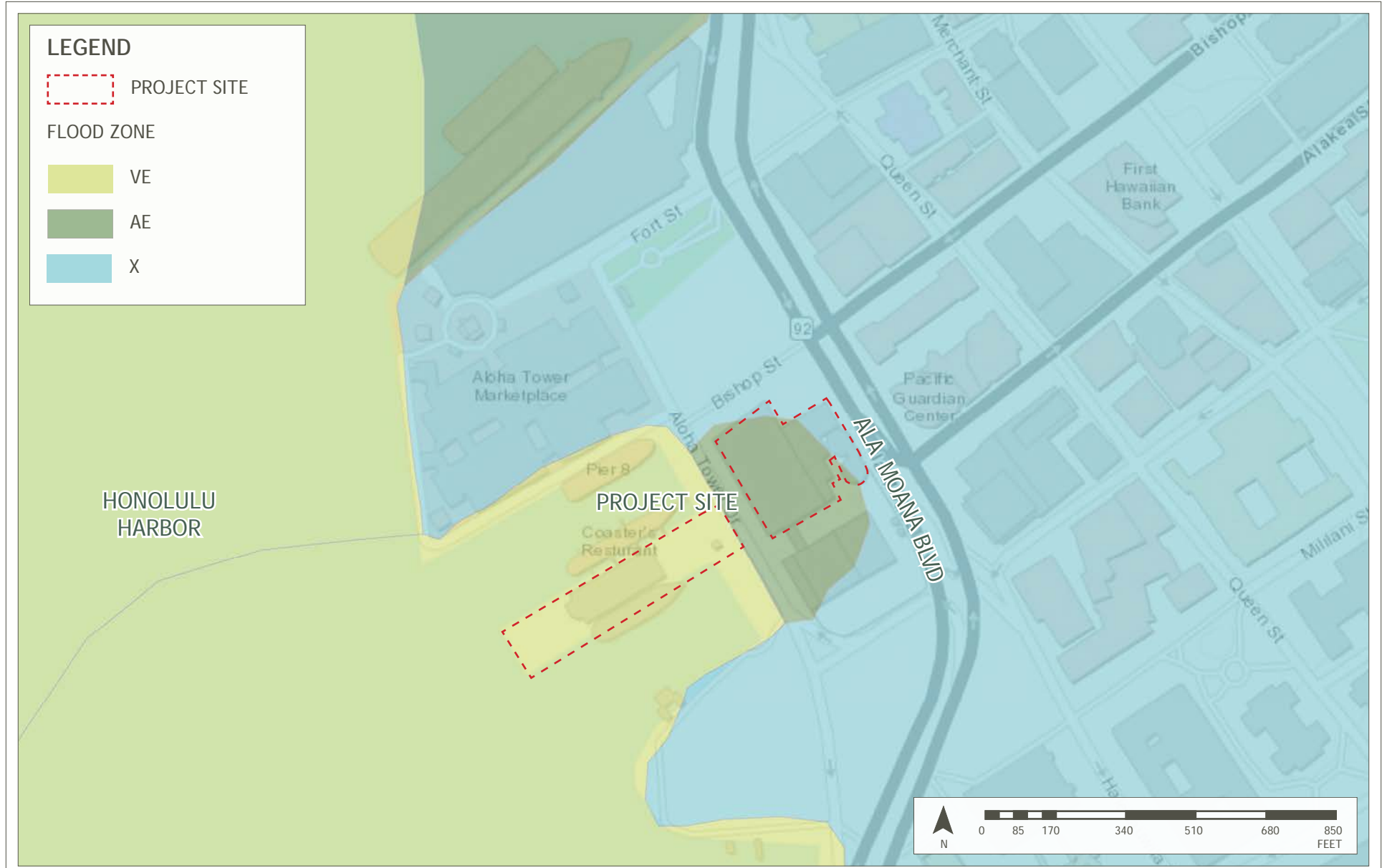
The Fire Management Handbook adopted by the State Department of Land and Natural Resources-Division of Forestry and Wildlife (DLNR-DOFAW), specifies standards for wildfire prevention, pre-suppression, and suppression. A structured approach is provided within the document for public/firefighter safety and minimizing damage to Hawai'i's environment. Funding for the fire management program is provided by the State's general fund and federal cost share programs through the U.S. Forest Service. These programs include the Rural Community Fire Protection and Rural Fire Protection and Control programs. Additionally, the DLNR-DOFAW is a key agency within the State who can trigger provisions of the Stafford Act (Fire Suppression Assistance) which provides for FEMA funding assistance in situations where forest and grass fires on public or private lands threaten a major disaster to communities and economies. For DLNR-DOFAW to meet its legal fire protection mandate for State-owned lands and honor its partnership with other fire services, DLNR-DOFAW negotiated with its local fire departments and established a cooperative mechanism for prevention, pre-suppression, and suppression measures by way of the current Memorandum of Agreements.



SEA LEVEL RISE EXPOSURE AREA

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

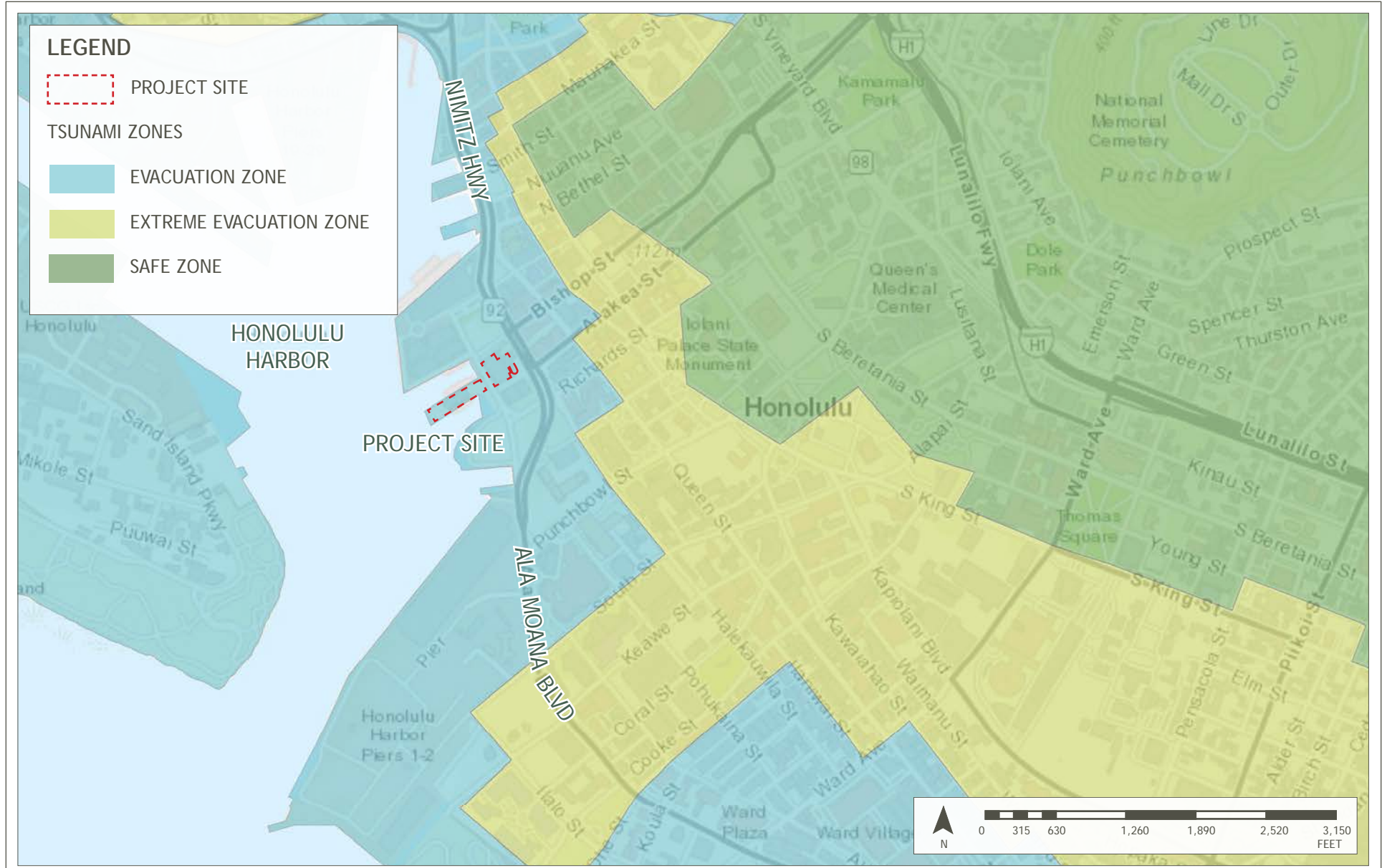
FIGURE
3-6



FLOOD INSURANCE RATE MAP

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-7



TSUNAMI ZONES

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE 3-8



FIRE RISK AREA

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
3-9

3.5 Natural Environment

3.5.1 Flora and Fauna

In 2024, a Natural Resources Assessment was conducted by AECOS Inc. for the Proposed Project. The assessment observed the avian diversity and densities present within the Project Site and its surrounding vicinity. A summary of the Natural Resources Assessment is outlined below and included herein as Appendix A.

Flora Survey

AECOS biologists surveyed the Project Site and identified that the plant species that were encountered consist of native and naturalized flowering plants, ferns, ornamental, and agricultural plants. Vegetation found on the Project Site is dominated by a lawn of pitted beard grass (*Bothriochloa pertusa*) and zoysia grass (*Zoysia matrella*). Multiple species of palms are planted throughout the Project Site, which provide only limited canopy cover throughout the Project Site. The power plant area included a fenced-in parking lot which was not accessible during the field survey. Observations noted that the paved parking lot featured palms, ferns, and herbs consistent with the rest of the Project Site.

A total of 69 plant taxa were recorded during the survey: five ferns, and 64 flowering plants. No endemic native species were recorded. AECOS biologists identified the following indigenous species that are of fern/ fern allies: Palapalai (*Microlepia strigosa*) and moa (*Psilotum nudum*), and trees hau (*Hibiscus tiliaceus*) and milo (*Thespesia populnea*), and the widespread naupaka kahakai (*Scaevola taccada*) and 'uhaloa (*Waltheria indica*). AECOS biologists also identified Early Polynesian introductions such as niu or coconut (*Cocos nucifera*), ti or kī (*Cordyline fruticosa*), and 'ihi'ae (*Oxalis corniculata*).

Avian Fauna

AECOS biologists recorded a total of 7 bird species, representing 5 separate families. Native bird species found at the Project Site and surrounding vicinity include only indigenous white tern (*Gygis alba*). The remaining species recorded are non-native introductions that have become naturalized in the Hawai'i. Spotted around Pier 7 were white tern, cardinals, finches, and sparrows. Spotted around the decommissioned Honolulu Power Plant were doves, zebra doves, and rock pigeons. The avian diversity observed during the surveyed is consistent with habitats present in this urban area.

Terrestrial Mammals

Although no mammals were observed during the survey, it is probable that one or more of the four Muridae found on O'ahu—roof rat (*Rattus rattus*), brown rat (*Rattus norvegicus*), Polynesian rat (*Rattus exulans hawaiiensis*), and European house mouse (*Mus musculus domesticus*)—use resources within the general project area.

Marine Biota

Species observed in the waters off Pier 7 are invertebrate feeding fish (e.g. yelling tang (*Zebrasoma flavescens*) and Moorish idol (*Zanclus cornutus*)). The hard substrate typical of Honolulu Harbor include hydroids (*Pennaria disticha*), byozoans (*Bugula denata* and *Amathia distans*), sponges, bivalves (*Isognomon perna* and *Dendostrea sandvicensis*), anemones (*Aiptasia pulchella*), and tunicates (*Phallusia nigra* and *Herdmania momus*). Common coral colonies observed throughout Honolulu Harbor include *Porites lobata*, *P. Compressa*, *Letastrea spp.*, *Pavona varians*, and *Cyphastrea ocellina*.

State- and federally listed marine species—green sea turtle (*Chelnoia mydas*), hawksbill sea turtle (*Eretmochelys imbricata*), and monk seal (*Neomonachus schauinslandi*)—may occur in the general vicinity of the Project Site.

In summary, the flora and fauna species found at the Project Site and its vicinity are consistent with the highly altered urban environment. This includes entirely maintained landscaping and associated weeds. Given the Project Site's proximity to the coast, endangered species such as Hawaiian seabirds are likely to overfly or utilize the Project Site. These species include the 'ua'u kani (Wedge-tailed shearwater, *Ardenna pacifica*), 'ua'u (Hawaiian petrel, *Pterodroma sanwicensis*), 'a'o (Newell's shearwater, *Puffinus newelli*), and the 'ake'ake (Bandrumped storm petrel, *Hydrobates castro*). Endangered waterbirds such as the ae'o (Hawaiian stilt, *Himantopus mexicanus knudseni*), koloa maoli (Hawaiian Duck, *Anas wyvilliana*), 'alae 'ula (Hawaiian common gallinule, *Gallinula galeata sandvicensis*) and the 'alae ke'oke'o (Hawaiian coot, *Fulica alai*). The endangered 'ope'ape'a (Hawaii hoary bat, *Lasiurus cinereus semotus*) may also be found residing or transiting through the Project Site and its vicinity. Marine biota that may be found in Honolulu Harbor are the Hawaiian monk seal (*Monachus schauinslandi*) and green sea turtles (*Chelonia mydas agassizi*). However, waters within constructed boat harbors are excluded from critical habitat for these species, and no basking of the green sea turtles has been documented in the vicinity of the Project Site.

Impacts and Mitigations Measures

The Proposed Project is not anticipated to have adverse impacts on flora and fauna. Mitigation measures to ensure the safety of endangered species known to reside or transit through the Project Site and its vicinity will be taken during the construction period. It is recommended that the movement of plants or soil between worksites be minimized. Soil and plant material may contain invasive fungal pathogens (e.g., Rapid 'Ōhi'a Death), vertebrate and invertebrate pests (e.g., Little Fire Ants, Coconut Rhinoceros Beetles), or invasive plant parts that could harm our native species and ecosystems. All equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species. Gear that may contain soil, such as work boots and vehicles, should be thoroughly cleaned with water, and sprayed with 70% alcohol solution to prevent the spread of Rapid 'Ōhi'a Death and other harmful fungal pathogens. It is also recommended that native plant species be used for landscaping that are appropriate for the area (i.e., climate conditions are suitable for the plants to thrive, historically occurred there, etc.).

Construction activities may temporarily disrupt routine behavior of common faunal species in the immediate Project Site, but will not result in permanent displacement, or adversely affect regional distribution of affected fauna. Once the Proposed Projects redevelopment is complete, faunal activity in the vicinity of the work site is expected to return to pre-existing conditions.

No adverse impacts resulting from the project are anticipated. However, measures to prevent adverse effects to protected species include the following:

- During construction activities, all nighttime lighting will be shielded and angled downward to reduce glare and disruption of bird flight. Nighttime work that

requires outdoor lighting should be avoided during the seabird fledging season from September 15 through December 15. This is the period when young seabirds take their maiden voyage to the open sea. Following construction, permanent light sources will be shielded and angled downward to eliminate glare that could disturb or disorient birds in flight.

- If tree trimming or removal is planned, DLNR-DOFAW strongly recommends a qualified biologist survey for the presence of White Terns prior to any action that could disturb the trees.
- If any of the State-listed waterbirds are present during construction activities, then all activities within 100 feet (30 meters) should cease, and the bird should not be approached. Work may continue after the bird leaves the area of its own accord.
- Any required clearing should be timed to avoid disturbance to bats during their birthing and pup rearing season (June 1 through September 15). During these periods, woody plants greater than 15 ft should not be disturbed, trimmed, or removed. Barbed wire should not be used as fencing for construction because bat mortalities have been documented as a result of becoming ensnared by barbed fencing during flight.
- All mechanical or construction activities within 100 feet of a found foraging sea turtle, Hawaiian monk seal, or other marine mammal, must cease until the animal voluntarily leaves the area. If a pup is observed in the area, create a larger buffer between construction materials and the animal should. Minimize the use of lighting and shield all project-related lights from May to December so the light is not visible from any beach, as they may interfere with sea turtles during nesting season.
- Work performed during coral spawning period (May to August) will monitor potential sedimentation and turbidity effects to coral eggs and larvae. Work will halt once sedimentation and turbidity surpass the water quality threshold determined by the Division of Aquatic Resources.
- Mitigate the spread of invasive species between areas of activities by inspecting and disinfecting construction equipment.
- Incorporate applicable erosion control and land-based sources of pollution (LBSP) barrier measures to avoid continuous release or buildup.
- Incorporate applicable BMPs for Work in Aquatic Environments into the project design.
- Removing any project-related debris, trash, or equipment from the beach or dune if not actively being used.
- Avoid stockpiling project-related materials in the intertidal zone, reef flats, or stream channels.

3.6 Historic and Archaeological Resources

Honua Consulting (Honua) prepared an Archaeological Literature Review and Field Inspection (LRFI) report in April 2024 (See Appendix B). The LRFI was designed to determine the likelihood that historic properties (any building, structure, object, district, area, or site over 50 years old) may be affected by the Proposed Project based on findings, propose any mitigation measures. As explained in the LRFI, the purpose of the report is intended to determine the land-use history, potential subsurface deposits which may exist within the property, and

identify any potential artifacts or cultural deposits present on the ground surface observable during surface survey of the property. It should be noted that this study is not an archaeological inventory survey (AIS), however the LRFI report was written using HAR §13-276 standards and is intended to assist with historic preservation efforts related to the Proposed Project.

The following is a brief discussion and summary of the LRFI report and archaeology-focused research within the context of the traditional background and history of the Project Area.

Traditional and Historical Background

Prior to its discovery by foreigners, the vicinity in and around Honolulu Harbor was named Kou, so named because groves of kou (cordia) trees were a prominent feature on the landscape. Several additional traditional place names are known to have been used for land areas of Honolulu including Kīkīhale (small area from Maunakea Street and King Street to Nuʻuanu Stream), Kapuʻukolo (area bound by Nuʻuanu Stream to Honolulu Harbor), Nihoa (waterfront to west of the Project Site), Kuloloia (former beach near the foot of Fort Street and extending east of Kakaʻako), Honokaʻupu (waterfront at makai end of Alakaʻi Street), Koaopa (area near the coast to the east of the Project Site), and Waikahalulu (waterfront between Fort Street and Richards Street). Table 1 of the LRFI (Appendix B) lists place names referenced and shown on maps.

Historic Land Tenure and Use Within the Project Area

From 1893 to 1918, Land Grants for fee simple purchases for the west portion of the project area were made by Honolulu Electric Co Ltd. And J.A. McCandless. Table 2 of the LRFI lists land commission awards and royal patents associated with the land within the current project area.

Brief History of the Growth and Development of Honolulu

Due to the significant influx of ship traffic into Honolulu Harbor, the city experienced a surge in prosperity. As more foreigners arrived on Oʻahu, the surrounding community naturally grew. The area of Merchant Street near the harbor began to be commercially developed. However, this period of growth was accompanied by diseases, causing the native population to decline while the foreign population increased, a trend seen throughout Hawaiʻi in the 19th century and early 20th century.

The construction of Honolulu Fort began in 1815 by Russian representatives, who was then forced to leave the island. Construction continued the following year until the fort was dismantled in 1857. Rubble from the fort, combined with harbor dredge material was used to fill the new land area called the Esplanade, adding approximately 15 acres of waterfront.

In the mid-1940s, coral and basalt block buildings emerged, marking a shift in architectural style. After Honolulu became the capital of the Hawaiian Islands in the 1850s, the area known as the capital complex began to be developed.

The first Chinese came to Hawaiʻi in the early 1800s and slowly began to settle in a 36 acre area along Nuʻuanu Stream, known today as Chinatown. The area grew as Chinese plantation workers, upon completing their contracts, established businesses such as restaurants, tailor shops, groceries, and various other types of businesses. However, in 1886, the Chinatown fire devastated much of the area, but was quickly rebuilt afterward. By the 1900s, sanitary issues

and disease outbreaks, including cholera and bubonic plague, led to measures like quarantine and “controlled fires” set at buildings where victims resided to eliminate threats. In 1973, nearly 36 acres of Chinatown were added to the National Register of Historic Places (Number 73000658). The burned areas of downtown began to be developed by investors commercially, which spurred the growth and development that led to Honolulu becoming the commercial and financial hub it is today.

Honolulu Harbor

Honolulu Harbor was developed as early as 1823 with the construction of piers, wharfs, warehouses, sheds, storage areas, and various other improvements, becoming the main point of commerce, administration, and immigration to the islands. By the 1850s, fringes of Honolulu Harbor were filled to accommodate the expansion of the Harbor (the Esplanade). The northern portion of the Esplanade was completed by the 1870s and improvements and reclamation efforts along Honolulu Harbor continued southward through the end of the 19th century. When Hawai'i was annexed by the U.S., Honolulu Harbor became a vital American port and was continued to be developed with wharves, piers, and maritime infrastructure.

Honolulu Harbor not only served commercial significance but also for recreation. By the 1920s Hawai'i was a popular tourist destination, which prompted the renovation of Piers 8, 9, and 10 in 1925. This renovation to these piers required demolition of the city block between Fort Street, Esplanade, Kekuanaoa, and Allen streets. With the completion of Pier 11 in 1919, cruise ships were able to dock on Piers 8 to 11. In 1926, Aloha Tower was completed on Pier 9, just north of the current project area, and became the landmark of the Honolulu waterfront.

The surface of Pier 7 has changed overtime. Historic photos and maps from circa 1965-1997 show Pier 7 being used as a level, asphalted parking lot and the presence of large, elevated ramp extending north/south through the project area. The ramp extends from Aloha Tower over the project area to former Piers 5 and 6 which were combined together for another large parking lot. Pier 7 currently houses the Hawai'i Maritime Center, built around 1988 to 1989 until it closed in 2009. The Maritime Center has since been vacant on Pier 7.

The Hawaiian Electric Building in the east portion of the project area, was constructed in the 1920s, added onto in 1954, and decommissioned in 2014.

Today, Honolulu Harbor continues to be the center of commerce in Hawai'i.

Previous Archaeological Studies

Numerous archaeological investigations have been conducted in downtown Honolulu. Archaeological investigations in downtown Honolulu were first conducted by the Bishop Museum in the late 1960s and 1970s. The projects documented historic artifacts and features associated with the monarchy and dwellings that were once in the area. Studies near the Project Site have largely focused on the Capital District, commercial development of the harbor fronts, and highway and utility infrastructure. Archaeological studies and historic properties present within a 0.3 mile (500 meter) radius of the Project Site are listed in Table 3-3.

Table 3-3 Historic Properties Located within 0.3 miles of the Project Site					
Reference	SIHP #50-80-14	Site Type	Eligibility Status	Recommendations	Notes
Simmons et al. 1991	-1307	Historic refuse pits	Not stated	Complete analysis of artifacts, monitoring for future ground disturbance	
Lanzone and Cummins 1976	-1321	Hawaiian Capital Historic District	NRHP #78001020	Preservation	
Riconda 1972a	-1321	Ali'iōlani Hale	NRHP #72000414	Preservation	
Levy 1985	-1321	'Iolani Palace	NRHP #6600293	Preservation	National Historic Landmark
Breton 1983	-1321	Josep W. Podmore Building	NRHP #83000251		
Hurtst et al 1992 / Dunn and Rosendahl 1993 / Lebo 1997 / Lebo 2002	-2456	Subsurface cultural deposit with historic building foundations and human burials (6)	Not stated		
Yent 1985 / Hammatt 2013	-2918	Subsurface cultural deposit with human burials (13)	Criterion D (d) and E (e)	Data recovery, monitoring, and burial treatment	
Ota and Kam 1982 / Clark 1987 / Hammatt 2013	-2963	Subsurface cultural deposit, pond sediment, human burials, animal burials	Criterion D (d) and E (e)	Data recovery and monitoring	
Pfeffer et al. 1993	-3712	Honuakaha Smallpox cemetery	Criterion D (d) and E (e)		
Pfeffer et al. 1993	-4531	Honuakaha Smallpox cemetery	Criterion D (d) and E (e)		
Pfeffer et al. 1993	-4532	Human burial	Criterion D (d) and E (e)		
Pfeffer et al. 1993	-4532	Kahawaiha'o Cemetery	Criterion D (d) and E (e)		
Denham and Kennedy 1993	-4605	A ditch, refuse pit, fire pits, postholes, and a burial	Criterion D (d) and E (e)	No loner significant	Throughout Capitol District
Denham and Kennedy 1993	-4606	Historic refuse pits	Criterion D (d)	No loner significant	Throughout Capitol District
Winieski and Hammatt 2001	-5942	Historic light gauge rail associated with Honolulu Trolley system	Unknown		
Mann and Hammatt 2002	-6371	Human Burial			
Cummins 1975	-7380	Aloha Tower	NRHP	Preservation	

			#76000660		
Hammatt 2013	-7428	Cultural deposit with historic infrastructural features, habitation features, and burial sites	Criteria D (d)	Data Recovery and Monitoring	
O'Hare et al. 2013	-7575	Pier 12	Not Stated		
DiVito et al. 2020	-8873	A ditch and refuse pit	Criterion d		
Cummins 1973	-9700	<i>Falls of Clyde</i> (Ship)	NRHP # 73000659	Preservation	
Matson 1999	-9829	Irwin Memorial Park			
Fox and Riconda 1972	-9900	Dillingham Transportation Building	NRHP # 79000756	Preservation	
Fox 1973	-9905	Merchant Street Historic District	NRHP # 73000661	Preservation	
Riconda 1971	-9918	'Iolani Barracks (Halekoa)		Preservation	Part of SIHP #-1321
Biallas and Hite 1973	-9952	United States Post Office, Custom House, and Court House	NRHP # 75000620	Preservation	Part of SIHP #-1321
Riconda and Fox 1972	-9970	Kapuāiwa Building	NRHP # 73000660	Preservation	Part of SIHP #-1321
Riconda 1972b	-9986	Chinatown Historical District	NRHP # 73000658	Preservation	

Mason Architects, Inc. (Mason) prepared a Reconnaissance Level Survey (RLS) for the Proposed Project in February 2024 to identify and evaluate the presence of significant historic properties within the Project Site. This report was written to fulfill requirements under HRS §6E-42 and §6E-8 and HAR §13-284 and §13-275 to identify historic properties, evaluate their significance and the Proposed Project's effect on them, as well as provide recommendation for mitigation of any adverse effects. The findings of this report are summarized below, and included herein as Appendix C.

Mason surveyed Pier 7, former Maritime Center, and Units 5 and 7 of the Honolulu Power Plant for significance and integrity in keeping with HAR §13-284-6 and §13-275-6 Criteria a through d. Evaluation for the Project Site is outlined in Table 3-4.

**Table 3-4 Evaluation of Significance and Integrity
(HAR §13-284-6 and §13-275-6)**

Name/ Address/ TMK	Year Built	Evaluation of Significance	Integrity Assessment
Pier 7- Aloha Tower Dr. TMK: [1]2-1-001:058	1922-27	<ul style="list-style-type: none"> • Meets Criterion "a" for its association with the development of Honolulu Harbor. The pier was built during the Board of Harbor Commissioner's campaign beginning in the 1910s to rebuild the harbor's wood piers in concrete. • Meets Criterion "c" because it is one of a few remaining examples of Honolulu Harbor's early reinforced concrete piers. 	<ul style="list-style-type: none"> • Retains integrity of L,D,W,F, and A • Partially retains integrity of M • Does not retain integrity of S
Former Maritime Center- Aloha Tower Dr. TMK:[1]2-001:058	1988	<ul style="list-style-type: none"> • This is not a historic property. It is less than 50 years old. It cannot meet HAR §13-275-6 significance and integrity criteria. 	N/A
Old Honolulu Power Plant, Units 5 and 7- 170 Aloha Tower Dr. TMK:[1]2-1-014:006 (por.)	1920- ca. 1924 (Unit 7) and 1930 (Unit 5)	<ul style="list-style-type: none"> • Units 5 and 7 are not significant due to a loss of integrity. They no longer convey their periods of significance. While they are associated with HECO'S generation of power in the 1920s and 30s, alterations made outside their periods of significance have impaired their integrity. 	<ul style="list-style-type: none"> • Retains integrity of L • Partially retains integrity of M and A • Does not retain integrity of D,S,W, and F

**Integrity assessments provided in the table above are abbreviation for the aspects of integrity specified in HAR §13-284-6 and §13-275-6. The seven aspects of integrity are:*

L= Location D= Design S= Setting M= Materials W= Workmanship F= Feeling A= Association

Evaluation of Effect

The Proposed Project was evaluated for its effects on the integrity of historic properties against HAR §13-284-7 and §13-357-7 criteria. "Determining effects to significant properties" describes effects on historic properties as follows:

- Effects include but are not limited to, partial or total destruction or alteration of the historic property, detrimental alteration of the properties' surrounding environment, detrimental visual, spatial, noise or atmospheric impingement, increasing access with the chances of resulting damage, and neglect resulting in deterioration and destruction.

Furthermore, HAR §13-284-7 and §13-357-7- "Determining effects to significant properties" explains that one of two effect determinations must be establish; "No historic properties affected" or "Effect, with agreed upon mitigation commitments."

In summary, it is assumed that the Proposed Project will result in a "No Historic Properties Affected" finding, based on the project description. The Proposed Project is not likely to substantially change Pier 7's setting, assuming that the massing, scale, and materials of the former Maritime Center will not be substantially changed. For Units 5 and 7 of the Old Honolulu

Power Plant, it is evaluated as not meeting HAR §13-284-6 significance and integrity criteria, the proposed work will not result in effects to significant historic properties.

Impacts and Mitigations Measures

No adverse impacts on historical or archaeological resources are anticipated to result from the construction and operation of the Proposed Project. The Proposed Project is situated within an already heavily disturbed parcel of a heavily disturbed urban environment.

In general, open trenching has the potential to result in the greatest impact to archeological and historic resources as it involves linear areas of disturbance in the layers of soil and subsoil that typically hold cultural materials associated with subsurface archeological sites. Tunneling, micro-tunneling, and horizontal drilling all involve less disturbance of the soils closer to the surface that may contain cultural materials; these would primarily result in impacts from the construction of shafts, which represent a smaller footprint of ground disturbance than open trenching. In order to minimize any potential impact on these resources, construction contractors would be required to adhere to standard BMPs regarding the protection of archeological resources, including identification, stop work, and notification measures. Should archeological resources be discovered, all appropriate measures would be adhered to for their protection; and as a result, long-term impacts to archeological resources would be expected to be minor as irreversible ground disturbance has the potential to impact archeological sites permanently.

No historic or archeological sites have been previously identified within the Project Site. There are no properties within the Project Site listed on the Hawai'i Register of Historic Places (HRHP). However, the existing building is eligible to be listed on the National Register of Historic Places as the existing building was constructed in 1939 and meets the minimum age requirement of 50 years. However, the existing building has undergone several additions and alterations.

It should be noted that the Proposed Project is subject to Chapter 6E, HRS, review by the State Historic Preservation Division (SHPD). Through this process, the SHPD will make a determination of the effects of the Proposed Project with regards to historic and archaeological resources. If there are potential impacts, the SHPD will require various mitigation measures to minimize any impacts.

3.7 Cultural Resources

Cultural resources, for the purposes of this EA, refer to those associated with cultural practices and traditions. Cultural practices are defined as activities imbued with cultural or spiritual meaning, which can be traditional or modern. Cultural practices may include traditional Hawaiian Practices in addition to the cultural practices of other communities and ethnic groups. Assessment of the Proposed Project's impacts on cultural practices, per HRS 343, HRHP Criterion E, Act 50, considers effects on cultural practitioners' ability to access the locations and resources needed to undertake cultural practices. Wahi pana (storied places) are also considered as they are imbued with cultural significance through their appearance in mo'olelo, mele (songs), oli (chants), and other oral history traditions.

Honua Consulting (Honua) also prepared a Cultural Impact Assessment (CIA) report in for the Proposed Project in April 2024 to identify valued cultural, historical, and natural resources within the Project Site. The CIA was prepared in conjunction with the LRFI discussed in Section 3.6 above¹. This includes the extent to which traditional and customary native rights practiced in the area were once extensive, as the area has a long history of significance to the Hawaiian people. The CIA is intended to provide information to State and County agencies when making decisions that may impact cultural, historical, and natural resources or Native Hawaiian traditional and customary practices. Consistent with the framework set forth in the Hawai'i Supreme Court's decision, *Ka Pa'akai O Ka 'Āina v. Land Use Commission*, the CIA includes information to assist agency decision-making related to the Proposed Project, including: "(1) the identity and scope of valued cultural, historical, or natural resources in the petition area, including the extent to which traditional and customary native Hawaiian rights are exercised in the petition area; (2) the extent to which those resources—including traditional and customary native Hawaiian rights—will be affected or impaired by the Proposed Project; and, (3) the feasible action, if any, to be taken by HDOT- Harbors to reasonably protect native Hawaiian rights if they are found to exist." *Ka Pa'akai O Ka 'Āina v. Land Use Comm'n*, 94 Hawai'i 31, 47, 7 P.3d 1068, 1084 (2000). The CIA is included herein as Appendix D and is summarized below.

During the preparation of the EA, Honua conducted interviews with three (3) Native Hawaiian residents, who all live in and/ or are familiar with the Honolulu Harbor area. A summary of these interviews is summarized below:

Interview with Deana (Dre) Kalili

Dre is the current President of the Association of Hawaiian Civic Clubs and the HDOT Deputy Director for Harbors. When asked about the project area, Dre acknowledges that the project area once served as an important place for Native Hawaiians prior to foreign contact, particularly Pier 7 as Kālakaua's boathouse. However, Dre is not aware of any ongoing traditional practices at Pier 7 and believes that the Proposed Project would not adversely impact cultural resources or traditional practices.

Interview with Na'alehu Anthony

Na'alehu Anthony is a Native Hawaiian storyteller and documentary filmmaker, who produced and directed a number films, including the award-winning PBS Documentary of Mau Piailug: The Wayfinder. Anthony emphasized the historical significance of Māmala for canoe travel and the entire ahupua'a. Anthony also notes that Pier 7 has been underutilized in years and expressed support for the development of an art space, particularly one that would bring a renowned museum to Honolulu. Anthony believes that the Proposed Project would not negatively impact cultural resources or practices. Instead, he sees it as an opportunity to integrate Hawaiian culture and collaborate with Hawaiian artists or cultural events.

Interview with Elmer Ka'ai

Elmer Ka'ai is the President and Chairman of Hui Kāko'o Ho'opulapula and spent a lot of time near the project area growing up. Elmer does not think that the Proposed Project will adversely

¹ Information and discussions presented from CSH's LRFI in Section 3.6 was not repeated in this discussion to avoid repetition.

impact cultural resources or traditional practices and thinks it would be good to integrate the history of the area into the project, especially aspects of Hawaiian culture and history.

Impacts and Mitigations Measures

There are no known or identified cultural practices currently taking place at the Project Site, which has been heavily disturbed. It is unlikely that the Proposed Project would adversely impact intangible cultural resources currently taking place on the property or in adjacent areas.

Construction of the Proposed Project improvements will not disturb traditional sacred sites or traditional cultural objects; will not result in the degradation of resources used by Native Hawaiians for subsistence or traditional cultural practices; will not obstruct culturally significant landforms or way-finding features; and will not result in loss of access to the shoreline or other areas customarily used by the Native Hawaiians or others for resource gathering or traditional cultural practices. As noted above in Section 3.6, should any unidentified archaeological resources be encountered during construction, all work will cease, and the State Historic Preservation Office will be contacted for review and approval of mitigation measures.

3.8 Air Quality

Air Quality is determined by measuring pollutants in the air and assessing their impact on human health and the environment, including plants and animals. Air quality can degrade through various human-caused emissions such as vehicular use and natural sources such as wildfires that release air pollutants and threaten human health. The number of emissions released by pollutant sources and the ability of the atmosphere to transport and disperse such emissions are what determine ambient concentrations of air pollutants. Relevant sources that will derive from the Proposed Project include vehicles, construction vehicles and equipment, as well as stationary sources such as pump station generations.

Ambient air quality in the State is monitored by the HDOH Clean Air Branch for various gaseous and particulate air pollutants. The U.S. Environmental Protection Agency (EPA) has set national ambient air quality standards (NAAQS) for six criteria pollutants: carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), lead (Pb), ozone (O₃), and particulate matter (PM₁₀ and PM₂). A state ambient air standard for hydrogen sulfide (H₂S) related to volcanic activity on Hawai'i Island. The primary purpose of the Statewide monitoring network is to measure ambient air concentrations of these pollutants and ensure that these air quality standards are met.

The NAAQS include primary and secondary standards which respectively govern applicable air quality standards. Primary standards are applicable to any outdoor atmosphere accessible by the public and were established to protect human health, including the health of sensitive populations, such as asthmatics, children, and the elderly. Secondary standards set limits to protect the environment, which includes plants and animals, from adverse effects associated with pollutants in the air. The State of Hawai'i has adopted many NAAQS as the state standards and established its own standards for several pollutants. Table 3-5 below presents the State and National standards.

Table 3-5: National and State Ambient Air Quality Standards

Air Pollutant	Averaging Time	Standards		
		Hawai'i State Standard	Federal Primary Standard ^a	Federal Secondary Standard ^a
Carbon Monoxide	1-hour	9 ppm	35 ppm	None
	8-hour	4.4 ppm	9 ppm	
Nitrogen Dioxide	1-hour	--	0.100 ppm	--
	Annual	0.04 ppm	0.053 ppm	0.053 ppm
PM ₁₀	24-hour	150 µg/m ³	150 µg/m ³	--
	Annual ^c	50 µg/m ³	--	--
PM _{2.5}	24-hour	--	35 µg/m ³	35 µg/m ³
	Annual		12 µg/m ³	15 µg/m ³
Ozone	8-hour	0.08 ppm	0.070 ppm	0.070 ppm
Sulfur Dioxide	1-hour	--	0.075 ppm	--
	3-hour	0.5 ppm	--	0.5 ppm
	24-hour	0.14 ppm	--	--
	Annual	0.03 ppm	--	--
Lead	Rolling 3-month	1.5 µg/m ^{3d}	0.15 µg/m ³	0.15 µg/m ³
Hydrogen Sulfide	1-hour	0.025 ppm	None	None

*Source: HDOH, State of Hawai'i Annual Summary 2015 Air Quality Data, December 2016.

^a Primary Standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children and the elderly.

^b Secondary Standards set limits to protect public welfare, including protection against decreased visibility, damage to animals, crops, vegetation, and buildings.

^c Due to a lack of evidence linking health problems to long-term exposure to coarse particle pollution, EPA revoked the annual PM₁₀ standard effective December 17, 2006. However, the state still has an annual standard.

^d The state standard is based on calendar quarter.

ppm - parts per million.

µg/m³ - Micrograms per cubic meter.

An area where the ambient air concentration of a criteria pollutant is less than the applicable NAAQS and is not contributing to ambient concentrations which exceeds NAAQS standards in nearby areas is categorized as being "in attainment" for that pollutant per the Clean Air Act (CAA). An area where the ambient air concentration equals or exceeds the NAAQS or is contributing to a nearby area which exceeds NAAQS standards is categorized as being in "nonattainment". A "maintenance area" is defined as being an area that has been re-designated from nonattainment status to attainment status and has an approved maintenance plan under §175 of the CAA. The location of the Project Site has been designated as an attained area for each criteria pollutant.

The cause of air pollution in Hawai'i is caused by many different anthropogenic and natural sources. There are industrial sources of pollution, such as power plants and petroleum

refineries; mobile sources, such as cars, trucks, and buses; agricultural sources, such as crop burning, and natural sources, such as windblown dust and volcanic activity. The HDOH Clean Air Branch is responsible for regulating and monitoring pollution sources to ensure that the levels of criteria pollutants remain well below the State and federal ambient air quality standards.

Three air quality monitoring sites are maintained and operated by the HDOH Clean Air Branch. The monitoring sites are located on the island of O‘ahu: Honolulu, Pearl City, and Kapolei. Ground-level concentrations of criteria pollutants are measured where most commercial, industrial, and transportation activities and their associated air quality effect occur. Hawaiian Electric Company’s downtown power plant is the primary stationary source, while vehicular traffic with State and Federal air pollution control regulations. Air quality at the Project Site is generally considered to be good due to the typical flow of fairly constant northeasterly trade winds that disperse pollutants seaward.

Air quality within the vicinity of the Project Site is mostly affected by emissions from vehicular, industrial, and/ or natural resources. Ala Moana Boulevard, which is adjacent to the Project Site, is a major arterial roadway that carries heavy volumes of traffic. Natural sources of air pollution affecting the air quality of the site include ocean spray, plant pollen, wind-blown dust, and emissions from distant volcanoes.

Impacts and Mitigations Measures

In the short- and long-term, no significant adverse impacts on air quality are anticipated as a result of the construction and operation of the Proposed Project. In the short-term, it is anticipated that the various construction activities associated with the Proposed Project will result in irrevocable release of GHGs. Construction related emissions include tailpipe emissions from construction equipment, delivery trucks, and workers commuting to and from the construction site. It is anticipated that the quantities of GHGs released from construction related activities will be negligible and usage of each piece of equipment would be sporadic and not simultaneous. Moreover, the contractors for the construction of the applicable projects will be required to prepare a dust control plan compliant with the provisions of Chapter 11-60.1, HAR, Air Pollution Control.

3.9 Noise

The existing noise environment at the Project Site is characterized by that of a typical urban setting. The primary source of ambient noise in the Project Site is predominantly attributed to vehicular traffic traveling along Nimitz Highway, Ala Moana Boulevard, adjacent roadways, and harbor operations. Additionally, noise from the low-pitched sounds of coastal waves, wind, and birds further contributes to the acoustic environment.

Noise Descriptors and Their Relationship to Land Use Compatibility

The Federal Housing Administration (FHA) and the US Department of Housing and Urban Design (HUD) currently utilize a noise descriptor called the Day-Night Average Sound Level (DNL) to assess environmental noise. This descriptor incorporates a 24-hour average of instantaneous A-Weighted Sound Levels as read on a standard Sound Level Meter. The minimum averaging period for the DNL descriptor is 24 hours and sound levels which occur

during the hours of 10:00 PM and 7:00 AM are increased by 10 decibels (dB) prior to computing the 24-hour average by the DNL descriptor.

Table 3-6 below presents land use compatibility guidelines for various levels of environmental noise as measured by the DNL descriptor system pursuant to HDOH limits on the level of noise allowed in various zoning districts.

Table 3-6: Noise Standards			
Zoning District	Zoning Equivalent	Daytime (7 a.m. to 10 p.m.)	Nighttime (10 p.m. to 7 a.m.)
Class A	Residential, Conservation, Preservation, Public Space, Open Space, or Similar Type	55	45
Class B	Multi-family Dwellings, Apartment, Business, Commercial, Hotel, Resort, or Similar Type	60	50
Class C	Agriculture, Country, Industrial, or Similar Type	70	70

**Source: HAR Title 11, HDOH, Chapter 46 Community Noise Control*

Generally speaking, noise levels of 55 DNL or less tend to occur in rural areas, or in areas which are removed from high volume roadways. In urbanized areas which are shielded from high volume streets, DNL levels generally range from 55 to 65 DNL, and are usually controlled by motor vehicle traffic noise.

Impacts and Mitigations Measures

In the short-term, noise from construction activities such as excavation, grading, cutting, and paving will be unavoidable. The increase in noise level will vary according to the particular phase of construction. Noise may also increase as a result of operation of heavy vehicles and other power equipment during the construction period. Nighttime construction is not currently anticipated, but if nighttime construction is performed, a noise variance will be required from the HDOH.

Construction noise impacts will be mitigated by compliance with provisions of the State HDOH Administrative Rules, Title 11, Chapter 46, "Community Noise Control" regulations. These rules require a noise permit if the noise levels from construction activities are expected to exceed the allowable levels stated in the HDOH Administrative Rules. It shall be the contractor's responsibility to minimize noise by properly maintaining noise mufflers and other noise-attenuating equipment, and to maintain noise levels within regulatory limits. Also, the guidelines for heavy equipment operation and noise curfew times, as set forth by the HDOH noise control rules, will be adhered to; or, if necessary, a noise permit shall be obtained. In the long-term, operation of the Proposed Project is not anticipated to result in adverse noise impacts.

3.10 Hazardous Materials

Hazardous materials are generally characterized as items or agents (physical, chemical, or biological) which have the potential to cause harm to humans, animals, or the environment, either independently or through interaction with other factors. Toxic materials are specific hazardous materials identified in regulations. Hazardous wastes are distinguished as those specifically determined based on their ignitability, corrosiveness, reactivity, and toxicity. The

potential impacts of hazardous materials and wastes on human health and the environment are largely dependent upon their types, quantities, toxicities, and management practices.

Hazardous wastes may take the form of a solid, liquid, contained gas, or semi-solid. Generally, any combination of waste that poses a substantial present or potential hazard to human health or the environment that has been discarded or abandoned is a hazardous waste.

The Federal Environmental Protection Agency (EPA) and Hawai'i universal waste regulations streamline hazardous waste management standards for federally designated "universal wastes," which include batteries, pesticides, and mercury-containing materials. Universal wastes are considered hazardous; however, they are subject to less restrictive waste disposal regulations than for hazardous wastes.

Hazardous wastes associated with construction, including used oils, antifreeze, and solvents are handled and disposed of by licensed contractors.

Construction activities associated with the implementation of the Proposed Project improvements may include the use of materials and processes that involve chemical agents or materials typical to construction that could be considered hazardous. These materials are primarily associated with vehicle and/or equipment maintenance that typically include flammable and combustible liquids, acids, aerosols, batteries, corrosives, solvents, paints, and hydraulic fluids.

ENPRO Environmental (ENPRO) conducted a Phase I Environmental Site Assessment (ESA) in May 2024 to identify Recognized Environmental Conditions (REC), Controlled RECs (CRECs), and Historical RECs (HRECs) associated with the Project Site. The result of the ESA is included herein as Appendix E and summarized in Table 3-7 below.

Table 3-7 Recognized Environmental Conditions			
RECs	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Threat of Future Release
Historic Use: Previous environmental reports indicated that soil and soil vapor beneath the Old Honolulu Power Plant was impacted by acetone, naphthalene, 1-MNP, PCE, TPH-d, TPH-o, 1,2-DCA, BaP, BbF, DahA, pyrene, and/ or lead.	X		
Several leaks were reported from the fuel pipeline beneath the property. Has the potential to impact environmental conditions due to petroleum products that it supplies to property.			X
Extended site history supporting petroleum-fueled power generation, related commercial activities, and military use.		X	
PCBs in electrical equipment and transformers.			X

<p>Storage Tanks: A diesel above ground storage tank (AST) and two low sulfur fuel oil (LSFO) ASTs were observed at the Old Honolulu Power Plant site. Regulatory records indicated that one of the of the LSFO ASTs leaked.</p>	X		
<p>Wells: Three underground monitoring wells were observed on the property. Reportedly, an Environmental Hazard Management Plan (EHMP) was prepared from this data.</p>	X		
<p>Adjacent/ Nearby Site Contamination: Elevated concentrations of petroleum, hydrocarbons, pesticides, and metals were present in site soils for the Aloha Tower Development. This has the potential to impact the Project Site.</p>	X		
<p>Solid Waste: The deteriorating Falls of Clyde ship located at Pier 7 has the potential to impact the Project Site.</p>			X
Historical Recognized Environmental Conditions (HRECs)			
No Further Action (NFA) Date	HRECs		
February 17, 2006	A 500-galloon UST situated approximately 0.1-mile northwest of the Project Site underwent permanent closure and granted a "Site Cleanup Completed".		
July 31, 2014	A 1.5- ounce mercury oil spill reported at the Old Honolulu Power Plant property. DOH Hazard Evaluation and Emergency Response (HEER) Office of On-Scene Coordinator (SOSC) issued an NFA Status.		
November 9, 2004	100 gallons of Shell Diala- Transformer Oil spill reported at the Old Honolulu Power Plant property. SOSC NFA status was issued.		
Unknown	1,000 gallons of fuel oil was reported to have spilled at the Old Honolulu Power Plant property. SOSC NFA status was issued.		
Unknown	50 gallons of turbine oil was reported to have been released at the Old Honolulu Power Plant property. SOSC NFA status was issued.		
January 31, 2017	35 gallons of fuel oil was reported to have been released at the Old Honolulu Power Plant property. SOSC NFA status was issued.		
May 9, 2019	A vehicle veered off Pier 5 and entered Honolulu Harbor. Despite efforts, a tow truck dispatched that night was unable to extract the vehicle. A salvage company was able to successfully remove the vehicle the next day. This spill, located on the subject property, received an NFA. However, an investigation to assess the extent of the contamination was not conducted.		

September 6, 2021	Laboratory analysis of soil samples collected from borings installed in the north portion of the property indicated contaminated soil below the groundwater table at depths of 8 to 9 feet. The source was believed to be the HECO Honolulu Power Plant. The identified contaminant was reported to be aged hydrocarbons in the carbon range of C10 to C30 with the bulk of the identified hydrocarbons between C14 and C25. This received an NFA from DOH. However, an investigation to assess the extent of the contamination was not conducted.
Potential Concerns and/or Business Environmental Risks (BER)	
Concern	Summary
Contaminants of emerging concern (CECs)	CECs may be present on the subject property but are not covered under the scope of the Practice until they are defined as hazardous substances under federal regulation.
Asbestos-containing material (ACM)	ACM may be present on the subject property.
Lead-containing paint (LCP)	LCP may have been used in the construction and/or maintenance and upkeep of structures at the subject property.
Potential PCB-containing building materials	PCBs are widely present in manufactured products in buildings constructed or renovated between 1950 and 1979.
Indoor air quality concerns	Indoor air pollutants can be released into the building, causing a potential health hazard for inhabitants.
Mold	Large quantities of mold spores can present a health hazard and mold growth can cause damage to building materials.
Lead in drinking water	Lead can enter drinking water when plumbing materials that contain lead corrode, especially where the water has high acidity or low mineral content that corrodes pipes and fixtures. The most common sources of lead in drinking water are lead pipes, faucets, and fixtures.
Harbor waters	An abandoned ship on the subject property at Pier 7 TMK (1) 2-1-001: 058, was observed during the site visit. In addition, multiple small releases have been documented in the harbor near the subject property.
Potential Pesticides Beneath Existing Structure Slabs	Application of pesticides, primarily for termite control, was common practice in Hawai'i. While this is not considered a REC if the slab of the building remains intact, any re-development involving disturbing and/or disposal of these soils will require environmental oversight and management.
Fill Land of Unknown Origin	The subject property is built on fill land of unknown origin. Currently, there are no documented contaminants associated with this fill material, other than what has been identified as resulting from past use (see Table 1-1). However, if this material is to be disturbed and/or disposed as part of future development activities, further characterization is recommended.

In summary, ENPRO's assessment revealed no RECs, CRECs, or significant data gaps in connection to the Project Site, except for those described in the table above.

Impacts and Mitigations Measures

Based on the findings of the ESA, ENPRO recommends the following additional actions and/ or investigations:

- Properly disposing of 20-pound propane tanks observed on the southern exterior of Pier 7.
- Properly clean the two-foot by one-foot oil sheen on the collapsing dock of Pier 7.
- Historical activities at the subject property, including a machine shop, power plant, fuel pipeline, and a Naval reservation: conduct soil and groundwater sampling in the areas of the above historical features to assess for the presence of COPCs. If contamination is identified, additional sampling may be required to delineate its extent.
- Remove the abandoned ship and deteriorating dock at Pier 7.
- Evaluate the management of contaminants covered by the SWPCP and assess the effectiveness of the implementation of this Plan.
- Assess possible impacts to the subject property associated with contaminants detected on the Aloha Tower property adjacent to the northwest.
- In the event redevelopment or subsurface improvements are planned (including utility repairs/upgrades) evaluate for the presence of contaminants in soils and/or groundwater to be disturbed and perform the environmental hazard assessment and management planning recommended in the DOH Technical Guidance Manual for the implementation of the Hawai'i State Contingency Plan (TGM).

Hazardous materials, including chemicals, petroleum-based projects, and waste materials, including solid and liquid waste, would be stored in areas specifically designed to prevent discharge into storm water runoff. Areas used for storage of toxic materials would be designed with full enclosure in mind. The work associated with the Proposed Project would require the removal of asbestos materials if encountered, and the Asbestos Abatement Office would need to be contacted. These remediation activities would comply with all established regulations and procedural guidelines. Design features specific to the reduction of the potential effects of hazardous spills will be implemented, where appropriate.

Prior to and during demolition and renovation, any fibrous or suspected Asbestos-Containing Material (ACM) should be sampled and analyzed at a U.S Department of Commerce - National Voluntary laboratory Accreditation Program (USNVLAP) accredited microscopic laboratory. The removal of Regulated Asbestos Containing Building Material (RACM) is required for all RACM that exceeds the threshold limits as defined in the regulations promulgated as the National Emissions Standards for Hazardous Air Pollutant (NESHAP). All RACM must be removed prior to routine demolition and renovation activities that will disturb the material. Removal of the RACM must be performed by a specialty licensed contractor (C-19) adhering to contract specification developed based on the results of the inspection and assessment, and EPA, Occupational Safety and Health Administration (OSHA) and HDOH regulations. Additionally, all ACM disturbed during the course of demolition or renovation should

be sampled and analyzed in accordance with the EPA and HDOH regulation by a State certified inspector.

Affected areas suspected of Lead Based Paint (LBP) is a regulatory concern for abatement of workers per OSHA requirements and for disposal acceptance at municipal landfill facilities. Prior to the disturbance of the suspect LBP containing materials, the materials will be tested by the State of Hawai'i verified LBP inspector using an EPA approved method. If paint chip samples are collected, the samples should be analyzed by a USNVLAP accredited laboratory, to be analyzed for lead content using EMC SOP Method #L01/1 and EPA SW-846 Method 7420. Furthermore, bulk samples of homogenous materials may be collected in accordance with HDOH and EPA requirements. Alternatively, any or all LBP materials will be presumed to be LBP containing and handled as such by the remediation contractor.

A hazardous materials inventory and survey should be conducted in all areas occupied by tenant organizations scheduled for displacement or relocation. Any hazardous materials that may be identified prior to or during construction of the Proposed Project will be disposed of properly.

3.11 Traffic

A Traffic Impact Report (TIR) was prepared by Wilson Okamoto Corporation in March 2024 to identify and assess the traffic impacts resulting from the development of the Proposed Project. Specifically, the scope of assessment for the TIR included:

- Evaluation of existing roadway system and traffic operations in the vicinity of the Project Site;
- Analysis of future roadway and traffic conditions with the Proposed Project;
- Analysis and development of trip generation traffic over future traffic conditions;
- Identification and analysis of traffic impacts resulting from the Proposed Project; and,
- Recommendations of improvements, if appropriate, that would mitigate identified traffic impacts resulting from the Proposed Project.

The findings of this report are summarized below, and included herein as Appendix F.

Area Roadway System

In the vicinity of the Project Site, Nimitz Highway is a two-way, State of Hawai'i divided arterial generally oriented in the east-west direction. Near the northwest corner of the Project Site, Nimitz Highway intersects with Bishop Street. At this signalized intersection, the eastbound approach along Nimitz Highway includes four through lanes and an exclusive right-turn lane, while the westbound approach includes four through lanes. Bishop is a CCH roadway oriented in the north-south direction and starts at the intersection with South Beretania Street as a five-lane, one-way (southbound) roadway until it intersects Nimitz Highway where it transitions as a four-lane, two-way roadway. The southbound approach on Bishop Street includes two exclusive left-turns, a through lane, and an exclusive right-turn lane while the northbound approach includes exclusive turning lanes.

East of the intersection with Bishop Street, Nimitz Highway intersects Alakea Street. At this signalized T-intersection, the eastbound approach along Nimitz Highway includes two

exclusive left-turn lanes and three through lanes while the westbound approach includes three through lanes and an exclusive right-turn lane. It should be noted that there is signage at the intersection allowing U-turn maneuvers from both approaches of Nimitz Highway. Alakea Street is a predominantly four-lane, one-way (northbound) CCH roadway between Nimitz Highway and South Beretania Street. At the intersection with Nimitz Highway, the Alakea Street leg of the intersection has four receiving lanes.

East of the intersection with Alakea Street, Nimitz Highway intersects Richards Street and Halekauwila Street. At this signalized intersection, the eastbound approach of Nimitz Highway includes an exclusive left-turn lane, two through lanes and a shared through and right-turn lane, while the westbound approach includes an exclusive left-turn lane and three through lanes. Richards Street is CCH roadway generally oriented in the north-south direction and is comprised of two separate segments, north and south of Nimitz Highway. In the vicinity of the Project Site, Richards Street is a one-way (southbound) roadway that provides access to the Aloha Tower Complex. At the intersection with Nimitz Highway, the Richards Street leg of the intersection includes a receiving lane. The north leg of the intersection is comprised of Halekauwila Street, a CCH roadway generally oriented in the east-west direction. At the intersection with Nimitz Highway, the Halekauwila Street leg of the intersection also has one receiving lane.

South of the intersection with Nimitz Highway, Richards Street intersects Aloha Tower Drive. At this unsignalized intersection, the southbound approach on Richards Street includes a stop-controlled shared lane that serves all turning movements. The northbound approach of the intersection is comprised of the access roadway for a parking lot for the Aloha Tower Complex. That approach includes a stop-controlled lane that serves left-and right-turn movements. Aloha Tower Drive is a predominantly two-lane, two-way private roadway generally oriented in the east-west direction serving uses within the Aloha Tower Complex such as the Hawaii Pacific University (HPU), various commercial uses, and the complex's parking lots. In addition, field observations also indicate that the south side of the roadway is used for commercial bus loading/unloading for passengers associated with the Star of Honolulu Cruise Terminal located off Pier 8, as well as stops for the trolleys and public transit that serve the Aloha Tower Complex. At the intersection with Richards Street, the eastbound approach of Aloha Tower Drive includes a stop-controlled lane that serves through and right turn movements while the westbound leg of the intersection includes a receiving lane.

West of the intersection with Richards Street, Aloha Tower Drive intersects Bishop Street. At this unsignalized T-intersection, the eastbound approach includes an exclusive left-turn lane and a through lane while the westbound approach includes one lane that serves through and right-turn movements. The southbound approach of Bishop Street includes a stop-controlled shared left- and right-turn lane and an exclusive right-turn lane.

West of the intersection with Bishop Street, Nimitz Highway intersects Fort Street Mall. At this signalized T-intersection, the eastbound approach of Nimitz Highway includes three through lanes and a shared through and right-turn lane while the westbound approach includes four through lanes. Fort Street is a CCH roadway that is generally oriented in the north-south direction. North of Nimitz Highway, Fort Street becomes a pedestrian mall through the downtown area. The northbound approach of Fort Street includes two exclusive turning lanes.

Transit Facilities

Bus transit service within the vicinity of the Project Site is provided by “The Bus” which is operated by the O’ahu Transit Service (OTS) for the CCH- Department of Transportation Services (DTS). Existing bus transit resources located closest to the Project Site include bus stops along Aloha Tower Drive, Nimitz Highway, Bishop Street, Queen Street, and Alakea Street. Nearby bus stops include amenities like benches and shelters with access to bus stops facilitated via improved pedestrian facilities along the adjacent roadways. The Aloha Tower Complex is also served by Waikiki Trolley Red Line with a trolley stop located along Aloha Tower Drive. The Waikiki Trolley Redline operates daily approximately with the first pickup at 11:25 AM and the last pickup at 4:25 PM with headways of approximately one hour.

The U.S. Department of Transportation Federal Transit Administration in collaboration with the CCH are undertaking a project that will provide rail transit service on O’ahu. The Honolulu Rail Transit corridor spans approximately 20 miles long, extending from East Kapolei to Ala Moana Center in the east, with a total of 21 station stops. Within the study area, the guideway alignment is expected to run along Nimitz Highway with the Bishop Street transit station to be in close proximity to the Project Site, providing an alternate mode of travel through the area.

Bike Facilities

There is a BIKI bike share station located within the Aloha Tower Complex near the intersection of Bishop Street with Aloha Tower Drive and adjacent to the Project Site. However, with the exception of buffered bike lanes along Alakea Street, designated bicycle facilities are currently limited along the roadways in the vicinity of the Proposed Project.

The subject TIR when assessing bike facilities based on its methodology on Bicycle Level of Traffic Stress (LTS), a metric developed by the Mineta Transportation Institute used to classify a roadway segment or intersection. The LTS ranking system is based on the amount of traffic stress imposed on cyclists based on variables such as street width, prevailing vehicle speed, and average daily traffic volumes. The LTS ranges from 1 to 4 and can be assessed for a given segment or intersection via six tables provided by the Mineta Transportation Institute. The general descriptions of the LTS level are as follows:

- LTS 1: Characterized by strong separation from all except low speed, low volume traffic. Simple crossings. Suitable for children.
- LTS 2: Except in low speed / low volume traffic situations, cyclists have their own place to ride that keeps them from having to interact with traffic except at formal crossings. There is a physical separation from higher speed and multi-lane traffic. Crossings are easy for an adult to navigate. This refers to a level of traffic stress that most adults can tolerate, particularly those sometimes classified as interested but concerned.
- LTS 3: Involves interaction with moderate speed or multilane traffic, or close proximity to higher speed traffic. Refers to a level of traffic stress acceptable to those classified as enthused and confident.
- LTS 4: Involves interaction with higher speed traffic or close proximity to high-speed traffic. Refers to a level of stress acceptable only to those classified as strong and fearless.

Given the limited availability of designated bicycle facilities, most of the roadways in the vicinity of the Project Site are rated at LTS 3 or higher. Nimitz Highway is rated at LTS 4, representing the highest level of traffic stress, while Bishop Street (north of Nimitz Highway), Richards Street

are rated at LTS 3. The high LTS along these roadways are due to the high volume of vehicular traffic and the lack of dedicated facilities along these roadways, requiring bicyclists to utilize the travel way and interact with vehicular traffic. As such, the conditions along these roadways are better suited for more experienced bicyclists. Within the Aloha Tower Complex, along Aloha Tower Drive, Richards Street and Fort Street, the LTS for these roadways are rated at LTS 2 since vehicular traffic volumes are relatively less with lower prevailing speeds.

Pedestrian Facilities

The Aloha Tower Complex includes a network of sidewalks and marked crosswalks along Aloha Tower Drive to facilitate access between the complex's parking lots, trolley/ bus stops and destinations. Outside of the Aloha Tower Complex, designated pedestrian facilities such as sidewalks are provided along Nimitz Highway with designated pedestrian crossings at the signalized intersections with Fort Street, Bishop Street, Alakea Street, and Richard Street/ Halekauwila Street. Further northwest of the Project Site, Fort Street transitions as a pedestrian mall providing convenient access through the downtown area. Although there are provided facilities, the overall pedestrian environment along Nimitz Highway is influenced by the high volume of vehicular traffic along this roadway.

Parking Facilities and Conditions

The Aloha Tower Complex includes existing parking lots located east and west of the Project Site with access provided off Aloha Tower Drive via Fort Street, Bishop Street, and Richard Street.

Existing Traffic Conditions

The subject TIR is based on the concept of Level of Service (LOS) to identify the traffic impacts associated with traffic demands during the peak periods of traffic. LOS is quantitative and qualitative assessment of traffic operations. LOS are defined by LOS "A" through "F"; LOS "A" representing ideal or free-flow traffic operating conditions and LOS "F" unacceptable or potentially congested traffic operation conditions.

"Volume-to-Capacity" (v/c) ratio is another measure indicating the relative traffic demand to the road carrying capacity. A v/c ratio of one (1.00) indicates that the roadway is operating at or near capacity. A v/c ratio of greater than 1.00 indicates that traffic demands exceed the road's carrying capacity.

Field investigations were conducted on February 1, 2024, and consisted of manual turning movement count surveys during the morning peak hours between 6:00 AM and 9:00 AM and the afternoon peak hours between 3:00 PM and 6:00 PM at the following intersections:

- Nimitz Highway and Bishop Street
- Nimitz Highway, Halekauwila Street, and Bishop Street
- Richards Street and Aloha Tower Drive
- Aloha Tower Drive and Bishop Street
- Nimitz Highway and Fort Street

See Appendix A of the TIR for traffic count data.

The AM peak hour of traffic generally occurs between 7:15 AM and 8:15 AM, while the PM peak hour of traffic generally occurs between 4:30 PM and 5:30 PM. Although the peak hours of traffic generally occur at the same periods at each of the study intersections, the absolute commuter peak hour time periods for each intersection may differ slightly. The analysis is based on the absolute commuter peak hour time periods for each intersection to identify the traffic impacts resulting from the Proposed Project.

Nimitz Highway and Bishop Street

At this intersection, Nimitz Highway carries 2,878 vehicles eastbound and 1,399 vehicles westbound during the AM peak period. During the PM peak period, the overall traffic volume is higher with 2,764 vehicles traveling eastbound and 2,025 vehicles traveling westbound. Both approaches operate at LOS "A" during both peak periods. Average queue lengths of 7-9 vehicles were observed on the eastbound approach while average queue lengths of 10-12 vehicles were observed on the westbound approach during both peak periods. Field observations indicate that queueing along the westbound direction of the highway is influenced by the queues that form at the downstream intersection with Fort Street with these queues occasionally extending through the intersections with Bishop Street, Alakea Street, and Richards Street. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

The Bishop Street approaches of the intersection carries 42 vehicles northbound and 606 vehicles southbound during the AM peak period. During the PM peak period, overall traffic volume is slightly less with 93 vehicles traveling northbound and 511 vehicles traveling southbound. The northbound approach operates at LOS "D" during both peak periods while the southbound approach operates at LOS "D" and LOS "E" during the AM and PM peak periods, respectively. The low levels of service at these approaches are influenced by the high volume of traffic along the highway, thereby requiring a greater proportion of the green time to be allocated to facilitate throughput along the highway. Traffic queues occasionally formed on the Bishop Street approaches with the most significant queueing occurring along the southbound approach. Average queue lengths of 6-8 vehicles were observed on that approach during both peak periods. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Crosswalks are provided across Bishop Street on the north and south sides of the intersection, as well as across Nimitz Highway on the west side of the intersection. During the AM peak period, 28 pedestrians were observed crossing Bishop Street on the north side of the intersection, while 58 pedestrians were observed crossing Nimitz Highway on the west side of the intersection. During the PM peak period, 24 pedestrians and 1 pedestrian were observed crossing Bishop Street on the north and south sides of the intersection, respectively, while 73 pedestrians were observed crossing Nimitz Highway on the west side of the intersection.

Nimitz Highway and Alakea Street

At this intersection, Nimitz Highway carries 3,091 vehicles eastbound and 1,728 vehicles westbound. During the PM peak period, overall traffic volume is higher with 2,957 vehicles traveling eastbound and 2,288 vehicles traveling westbound. The eastbound and westbound approaches of the intersection with significant queueing occurring along the westbound direction during both peak periods. As previously discussed, these queues are influenced by

queues that form at the downstream intersections during both peak periods. Most of these queues were observed clearing the intersection after each traffic signal change.

A crosswalk is provided across Alakea Street on the north side of the intersection. During the AM peak period, 37 pedestrians were observed crossing Alakea Street on the north side of the intersection. During the PM peak period, 39 pedestrians were observed crossing at the same location.

Nimitz Highway, Richards Street, and Halekauwila Street

At the intersection with Richards Street and Halekauwila Street, Nimitz Highway carries 2,436 vehicles eastbound and 1,787 vehicles westbound. During the PM peak period, traffic volumes are higher with 2,551 vehicles traveling eastbound and 2,352 vehicles traveling westbound. The eastbound approach operates at LOS "B" and LOS "A" during the AM and PM peak periods, respectively while the westbound approach operates at LOS "B" during both peak periods. Traffic queues periodically formed along the highway approach the intersection with the most significant queueing occurring along the westbound direction. As previously discussed, westbound queues from the downstream intersection with Fort Street occasionally extended to this intersection. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Crosswalks are provided across Nimitz Highway on the west side of the intersection, as well as across Richards Street and Halekauwila Street on the south and north sides of the intersection, respectively. During the AM peak period, 42 pedestrians were observed crossing Nimitz Highway on the west side of the intersection, 1 pedestrian was observed crossing Richards Street on the south side of the intersection, and 62 pedestrians were observed crossing Halekauwila Street on the north side of the intersection. During the PM peak period, 69 pedestrians were observed crossing Nimitz Highway on the west side of the intersection, while 7 pedestrians and 60 pedestrians were observed crossing Richards Street and Halekauwila Street, respectively.

Richards and Aloha Tower Drive

At the intersection with Aloha Tower Drive, Richards Street carries 61 vehicles southbound while the parking access carries 3 vehicles northbound. During the PM peak period, traffic volumes are higher with 69 vehicles traveling southbound and 60 vehicles northbound. Both approaches, the southbound approach along Richards Street and the northbound approach along the parking access operate at LOS "A" during both peak periods. Minimal queues were observed along the northbound and southbound approaches of the intersection.

The Aloha Tower Drive approach of the intersection carries 99 vehicles eastbound during the AM peak period and 62 vehicles during the PM peak period. The eastbound approach operates at LOS "A" during both peak periods. Minimal queues were observed on the eastbound approach during both peak periods.

Crosswalks are provided across Richards Street on the south side of the intersection, as well as across Aloha Tower Drive on the west side of the intersection. During the AM peak period, 50 pedestrians were observed crossing Richards Street on the south side of the intersection, while 25 pedestrians were observed crossing Aloha Tower Drive on the east side of the intersection. During the PM peak period, 118 pedestrians were observed crossing Richards Street on the

south side of the intersection, while 46 pedestrians were observed crossing Aloha Tower Drive on the east side of the intersection. It should be noted that although there are currently no marked crosswalks provided on the north and east sides of the intersection, 4 pedestrians were observed crossing Richards Street on the north side of the intersection and 4 pedestrians were observed crossing Aloha Tower Drive on the east side of the intersection during the AM peak period.

Aloha Tower Drive and Bishop Street

At the intersection with Bishop Street, Aloha Tower Drive carries 26 vehicles westbound and 48 vehicles eastbound during the AM peak period. During the PM peak period, traffic volumes are higher with 118 vehicles traveling westbound and 94 vehicles traveling eastbound. The eastbound approach operates at LOS "A" during both peak periods. Minimal queues were observed on the Aloha Tower Drive approaches to the intersection throughout most of the duration of the field investigations. However, it should be noted that traffic operations in the vicinity of this intersection are influenced by the operations associated with the adjacent Star of Honolulu Cruise Terminal during the PM peak period. Dinner cruises from this terminal depart at 5:30 PM with passengers arriving and embarking within the hour preceding launch. During this arrival period, a portion of the north side of Aloha Tower Drive west of Bishop Street is coned off for valet operations while the south side of Aloha Tower Drive east of Bishop Street is used for commercial bus and rideshare loading/unloading for cruise passengers. Field observations indicate that queues associated with the valet operations are generally minimal (no more than 2-3 vehicles in queue on average) with sufficient width along the roadway to allow through vehicles to bypass the queues for valet parking. East of Bishop Street, a maximum queue length of 3 commercial buses was observed, occupying majority of the available curbside. These queues dissipated quickly after the cruise ship's departure.

The Bishop Street approach of the intersection carries 119 vehicles southbound during the AM peak period and 78 vehicles southbound during the PM peak period. The southbound approach operates at LOS "A" during both peak periods. Minimal queues were observed on the southbound approach during both peak periods.

Crosswalks are provided across Aloha Tower Drive on the west side of the intersection, as well as across Bishop Street on the north side of the intersection. During the AM peak period, 40 pedestrians were observed crossing Aloha Tower Drive on the west side of the intersection, while 10 pedestrians were observed crossing Bishop Street on the north side of the intersection. During the PM peak period, 60 pedestrians were observed crossing Aloha Tower Drive on the west side of the intersection, while 5 pedestrians were observed crossing Bishop Street on the north side of the intersection. It should be noted that although there are no marked crosswalks on the east side of the intersection, 2 pedestrians were observed crossing at this location during the AM peak period.

Nimitz Highway and Fort Street

At the intersection with Fort Street, Nimitz Highway carries 2,950 vehicles eastbound and 1,497 vehicles westbound during the AM peak period. During the PM peak period, the overall traffic volume is higher with 2,780 vehicles traveling eastbound and 2,413 vehicles traveling westbound. The eastbound approach operates at LOS "B" during both peak periods while the westbound approach operates at LOS "A" during both peak periods. Traffic queues periodically formed on the highway approach the intersection with the most significant

queueing occurring during the PM peak period. Average queue lengths of 10-12 vehicles were observed on the eastbound approach during this peak period. As previously discussed, queues in the westbound occasionally extended to the upstream intersections. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Fort Street carries 35 vehicles northbound during the AM peak period and 96 vehicles during the PM peak period. The northbound approach operates at LOS "D" during both peak periods. Although the northbound approach carries relatively low traffic volumes during both peak periods, the low levels of service are influenced by the high volume of traffic along the highway, thereby requiring more green time to be allocated to those movements. Minimal traffic queues were observed on the northbound approach with average queue lengths of 2-3 vehicles observed during both peak periods.

Crosswalks are provided across Fort Street on the south side of the intersection and across Nimitz Highway on the east side of the intersection. During the AM peak period, 6 pedestrians were observed crossing Fort Street on the south side of the intersection, while 23 pedestrians were observed crossing Nimitz Highway on the east side of the intersection. During the PM peak period, 6 pedestrians were observed crossing Fort Street on the south side of the intersection, while 47 pedestrians were observed crossing Nimitz Highway on the south side of the intersection.

Impacts and Mitigations Measures

Transit Facilities

As mentioned previously, there is a bus and trolley stop along Aloha Tower Drive. Thus, coordination with CCH DTS will be undertaken for the potential relocation of the existing bus and trolley stop as a result of the proposed midblock crossing (further discussed under the Pedestrian Facilities section). Additionally, in conjunction with the future Kuloloia Rail Station, bus routes within the vicinity of the Project Site may potentially be modified to provide connections to/from the transit station. Since the Kuloloia Rail Station is anticipated to begin operations in 2031 or later, several years after the completion of the Proposed Project, it was not factored into the project's conditions. In summary, transit services within the vicinity of the Project Site are generally expected to remain similar to existing conditions.

Bike Facilities

The Proposed Project is expected to provide bicycle facilities on-site. In addition, the existing BIKI bike share station adjacent to the north portion of the Project Site is expected to be maintained. Although designated bicycle facilities along the roadways in the vicinity are currently limited, there are future plans to provide bicycle facilities in the project vicinity. Additionally, the CCH DTS plan to incorporate bike improvements ("Oahu Bike Plan", 2019) in the vicinity of the Project Site. These improvements include the following:

- Bike lanes along Nimitz Highway east of Fort Street
- Shared roadway along Bishop Street between Aloha Tower Drive and Nimitz Highway
- Buffered bike lanes along Bishop Street north of Nimitz Highway
- Bike lanes on Richards Street between Nimitz Highways and South Hotel Street

-
- Shared-use path along the Aloha Tower Drive waterfront between Fort Street and Forrest Avenue

These improvements are expected to increase the availability of bicycle facilities in the vicinity of the Project Site, but the timelines for these improvements are not known at this time.

Pedestrian Facilities

Under the Proposed Project, existing pedestrian facilities along the roadways adjacent to the Project Site are generally expected to be maintained/ enhanced with the widening of sidewalk area and the addition of landscaping treatments currently being considered along the project frontage on Bishop Street to enhance the activities of the Project Site. Pedestrian entry and exit points into the northern portion of the Project Site is expected to be provided along Aloha Tower Drive and Bishop Street while access to the Pier 7 portion of the Project Site is planned off Aloha Tower Drive.

In addition, in conjunction with the Proposed Project, a raised midblock crossing with curb extensions along Aloha Tower Drive is expected to be provided to facilitate access between the planned uses north and south of that roadway. It should be noted that the addition of this improvement is expected to reduce the existing curbside width along this roadway. Given the existing use of Aloha Tower Drive as a loading/unloading area for the adjacent cruise services and with bus and trolley stops located in the vicinity of the planned midblock crossing, an assessment of this crossing was conducted through an evaluation tool, the "Guidelines for Pedestrian Crossing Treatments".

Crossing Assessment

The number of anticipated pedestrian crossings used for the purpose of analysis was determined based on guests traveling between the north and south portions of the project site that straddle Aloha Tower Drive. With the proposed project, approximately 514 pedestrian crossings per hour are expected at the midblock crossing. Considering the projected pedestrian and conflicting vehicular traffic along Aloha Tower Drive, the guidelines in the NCHRP indicate that in addition to providing a marked crossing, active or enhanced crossing treatments should be implemented. It should be noted that this recommendation is consistent with the planned improvements associated with the crossing which includes a raised crosswalk with curb extensions. In addition, other enhancements/high visibility treatments should also be considered. These include in-street crossing signs, high visibility signs/markers and advanced stop/yield lines. However, as previously discussed, the curblines on the south side of Aloha Tower Drive is used as passenger loading/unloading for the commercial buses that serve the Star of Honolulu Cruise Terminal. There are also stops for the Waikiki Trolley and The Bus located along this roadway. During field investigations, a maximum queue of 3 commercial buses were observed, occupying the majority of the available curbside. As such, coordination with the existing users of this roadway is critical during the design phase of the midblock crossing since the addition of this crossing may impact their existing operations.

Parking Facilities

No significant adverse impacts with regard to parking facilities are anticipated as a result of the Proposed Project. It should be noted that no parking for employees will be allocated on-site. Employees of the Proposed Project are expected to be either dropped-off/ picked-up from the Project Site or use alternative modes of transportation. Parking for guests is expected to be accommodated within the existing parking lots in the Aloha Tower Complex with access provided off Aloha Tower Drive.

Projected Traffic Conditions

The trip generation methodology used in this study is based upon generally accepted techniques developed by the Institute of Transportation Engineers (ITE) published in "Trip Generation, 10th Edition," 2021. The Proposed Project is expected to operate daily between 10:00 AM and 8:00 PM during non-peak months (Spring, Fall, and Winter) and 8:00 AM and 8:00 PM during peak months (Summer). For this report, the traffic assessment is based on the non-summer period since the traffic volumes along the adjacent roadways are higher when schools are in session. As such, no additional trips associated with the Proposed Project are expected to overlap with the AM peak period and the subsequent analysis focuses primarily on the PM peak period.

Site generated trips resulting from the Proposed Project are expected to be attributed to guests and employees. Based on projections provided by the developer that are consistent with other similar entertainment attractions in other states, ticket sales during peak months (Summer) are anticipated to be approximately 66,500 tickets per month with an hourly demand of 400 tickets. During off-season months (Spring, Fall, and Winter), month ticket sales are expected to be approximately 42,750 tickets, representing approximately 64% of the peak summer month's ticket sales. Applying that peak/non-peak ratio to the hourly demand results in an anticipated demand of approximately 257 tickets per hour during non-peak months. On average, guests to the Proposed Project are expected to spend approximately 2-3 hours on site. As such, guest departures are expected to be distributed over time with only a portion of arrivals expected to leave within the same peak hour. The projected rate of departures was based on the assumed duration of visits and available data on other entertainment venues with similar characteristics.

The trip generation characteristics applied to the PM peak period also incorporates provisions for multi-modal trips consistent with the methodology developed by ITE. Multi-modal trips are trips made utilizing non-motorized modes of travel such as walking and biking, as well as trips made using transit. The prevailing mode split from the study "Commuting Patterns in Hawai'i" published by the State of Hawai'i Department of Business, Economic Development, and Tourism (DBEDT) was taken into consideration along with the existing limited access to alternative modes of transportation from the Project Site. Although pedestrian access is facilitated through improved sidewalks, curb ramps, crosswalks, and signalized intersection crossings, there are no designated bicycle facilities in the immediate vicinity and transit access in the immediate vicinity of the project is generally limited. Although the closest bus stop for eastbound passengers is located within the Aloha Tower Complex, the nearest stop for westbound passengers is located east of the intersection of Nimitz Highway and Halekauwila Street. It should be noted that most of the east-west transit service through

downtown Honolulu utilizes regional roadways located further north (i.e., Queen Street, South King Street, etc.). The westbound stop near the intersection with Halekauwila Street is served by Routes 60, 65, 67, and 88A. Public transit services are supplemented by trolley service within the Aloha Tower Complex provided by the Waikiki Trolley (Red Line) with a trolley stop located on Aloha Tower Drive adjacent to the Project Site. As such, the majority of guests to the Proposed Project are expected to access the Project Site via a vehicular mode (includes private vehicles, rideshare, tour buses/trolleys, etc). In addition, as previously discussed, no parking will be allocated onsite for employees with employees expected to be either dropped-off/picked up from the Project Site or use alternative modes of transportation. Based on information provided by the developer, a total of 40 employees are expected to be on site at any point in time with their shifts occurring between 9:00 AM and 4:00 PM (Shift 1) or between 3:30 PM and 8:30 PM (Shift 2). As such, the arrivals of employees in Shift 2 are expected to overlap with the PM peak period. Table 3-8 summarizes the trip generation characteristics related to Proposed Project based on anticipated ticket sales, employee shifts, modal splits, and average vehicular occupancy as applied to the AM and PM peak hours of traffic.

Table 3-8: Peak Hour Trip Generation		
		Projected Trip Ends
AM PEAK	ENTER	--
	EXIT	--
	TOTAL	--
PM PEAK	ENTER	118
	EXIT	61
	TOTAL	179

Total Traffic Volumes Without Project

The projected Year 2026 AM and PM peak period traffic volumes and operating conditions without the Proposed Project are summarized in Table 3-9 below. As previously mentioned, the Year 2026 without project conditions incorporates ambient growth in traffic. In addition, no site-generated traffic is expected to overlap with the AM peak period and as such, the analysis focuses primarily on the PM peak period. The existing LOS are provided for comparison purposes. LOS calculations are included in Appendix D of the TIR.

Table 3-9: Existing and Projected Year 2026 (Without Project) LOS Traffic Operating Conditions			
Intersection	Approach / Critical Movement	PM	
		Existing	Year 2026 w/o Project
Nimitz Hwy/ Bishop St	Eastbound	A	A
	Westbound	A	A
	Northbound	D	D
	Southbound	E	E
Nimitz Hwy/ Alakea St	Eastbound	A	A

	Westbound	A	A
Nimitz Hwy/ Richards St/ Halekauwila St	Eastbound	A	A
	Westbound	B	B
Richards St/ Aloha Tower Dr	Westbound	A	A
	Northbound	A	A
	Southbound	A	A
Aloha Tower Dr/ Bishop St	Westbound	A	A
	Southbound	A	A
Nimitz Hwy/ Fort St	Eastbound	B	B
	Westbound	A	A
	Northbound	D	D

Under Year 2026 without project conditions, traffic operations are expected to remain similar to existing conditions despite ambient growth in traffic. Along Nimitz Highway, all the approaches at the intersection with Alakea Street and Richards/ Halekauwila Street are expected to continue operation at LOS "B" or better during while those at Fort Street are expected to continue operating at LOS "D" or better during the PM peak period. At the intersection with Bishop Street, the highway approaches are expected to continue operating at LOS "A" during both peak periods while the side street approaches are expected to continue operating at LOS "E" or better during both peak periods. As previously discussed, traffic operations at this location are influenced by the high volume of traffic along the highway. Thereby requiring more green time to be allocated to facilitate the through movements along the highway. The remaining study intersections are also expected to remain similar to existing conditions.

Total Traffic Volumes With and Without Project

The projected Year 2026 cumulative AM and PM peak hour traffic conditions with the Proposed Project are summarized in Table 3-9 below. The existing and projected Year 2026 (Without Project) operating condition as provided for comparison purposes. LOS calculation as included in Appendix E of the TIR.

Table 3-10: Existing and Projected Year 2026 (With and Without Project) LOS Traffic Operating Conditions				
Intersection	Approach	Existing	PM	
			Year 2026	
			w/out Project	w/ Project
Nimitz Hwy/ Bishop St	Eastbound	A	A	A
	Westbound	A	A	A
	Northbound	D	D	D
	Southbound	E	E	E
Nimitz Hwy/ Alakea St	Eastbound	A	A	A
	Westbound	A	A	A
Nimitz Hwy/ Richards St/ Halekauwila	Eastbound	A	A	A
	Westbound	B	B	B
	Westbound	A	A	A

Richards St/ Aloha Tower Dr	Northbound	A	A	A
	Southbound	A	A	A
Aloha Tower Dr/ Bishop St	Eastbound	A	A	A
	Southbound	A	A	B
Nimitz Hwy/ Fort St	Eastbound	B	B	B
	Westbound	A	A	A
	Northbound	D	D	D

Under Year 2026 with project conditions, traffic operations in the vicinity are generally expected to remain similar to without project conditions despite the anticipated increases in traffic along the surrounding roadways. Along Nimitz Highway, traffic operations are generally expected to continue operating at similar levels of service with the highway approaches at Fort Street, Bishop Street, and Richards Street/Halekauwila Street expected to continue operating at LOS "B" or better during both peak periods. Along Aloha Tower Drive, traffic operations at the intersection with Richards Street are expected to continue operating at LOS "A" or better during both peak periods, while those at the intersection with Bishop Street are expected to operate at a slightly lower LOS "B" during the PM peak period. As previously discussed, traffic operations along this roadway are influenced by the operations associated with the adjacent cruise terminal with passenger Loading/unloading activities occurring along this roadway. As such, given the adjacent uses, the preparation of a Transportation Management Plan should be considered with the Proposed Project to further minimize the project's potential impact to the surrounding roadways. The levels of service at the remaining study intersection on Nimitz Highway are also expected to remain similar to without project conditions.

Recommendations and Conclusions

Based on the analysis of the traffic data, the following are the recommendations of this study to be incorporated in the design of the Proposed Project:

1. Maintain sufficient sight distance for motorists to safely enter and exit the project driveways.
2. Provide adequate on-site loading and off-loading service areas and prohibit off-site loading operations.
3. Provide adequate turnaround for service, delivery, and refuse collection vehicles to maneuver on the Project Site and prohibit vehicle-reversing maneuvers onto Kona Street.
4. Provide sufficient turning radii at all project driveways to avoid or minimize vehicle encroachments on oncoming traffic lanes.
5. Coordinate with the owner and users of Aloha Tower Drive with regards to the proposed midblock raised crossing along Aloha Tower Drive and any planned improvements along that roadway. The midblock crossing is expected to limit the available space for loading/ unloading along that roadway. As previously discussed, field observations indicate there is sufficient space for three tour buses under existing conditions. As such, coordination with the existing users of that area is critical, especially during PM peak period. In addition, it should be noted that during project development, consideration of an additional loading/

unloading area was considered along Bishop Street. However, the proposed sidewalk widening along that stretch of Bishop Street may preclude the use of this area for that function.

6. Ensure adequate transition space and sufficient clearance areas are provided to and from the adjacent CCH bus stop and trolley bus loading areas on either side of the proposed midblock raised crossing.
7. Coordinate with CCH DTS with regards to the potential relocation of the existing bus stop along Aloha Tower Drive with implementation of the midblock crossing.
8. With regards to the proposed midblock crossing, provide adequate signage, advanced stop/ yield lines, and high visibility signs and markings to further increase pedestrian visibility at this location.
9. Prepare a Construction Management Plan (CMP) for the development which includes discussions regarding the anticipated construction schedule and phasing, as well as traffic circulation, traffic control, and parking during the construction period given the project's location.
10. Prepare a Traffic Management Plan (TMP) for the Proposed Project to further minimize its potential impact to the surrounding roadways given the existing loading/unloading activities along Aloha Tower Drive and the adjacent uses within the Aloha Tower Marketplace.

In conclusion, traffic operations under the Proposed Project are generally expected to remain similar to existing and without the Proposed Project with the implementation of the aforementioned recommendations. Although traffic operations along the roadways in the vicinity are generally expected to remain similar to existing conditions, coordination with the existing users along Aloha Tower Drive is critical as the provision of a midblock crossing is expected to reduce the available curbside width currently used as passenger loading/unloading. In addition, given the Project Site's location within the Aloha Tower Complex and surrounding use, the preparation of a CMP and TMP is also recommended to identify strategies to further minimize the Proposed Project's impact to the surrounding roadways.

3.12 Visual Resources

Hawai'i's visual resources are important to the State's tourism industry and quality of life enjoyed by the State's residents. A broad range of natural and developed areas and a wide variety of land uses, water bodies, and vegetation types are included in the State's visual resources. Such visual resources also include urbanized areas that range from small rural towns to the metropolitan center of Honolulu.

Situated on the south shore of O'ahu, Honolulu presents a blend of both urban and natural environments. It is home to a mixture of contemporary skyscrapers and historic buildings, showcasing a juxtaposition of modern and traditional Hawaiian architectures. Notable structures such as the Aloha Tower, Iolani Palace, and the King Kamehameha Statue contribute to the city's cultural richness. The scenic beauty is enhanced by the presence of the Ko'olau Mountain Range in the background, where the mountains create a contrast against the urban landscape. In essence, the scenic views of Honolulu offer a captivating blend of cultural heritage, natural beauty, and urban sophistication.

Impacts and Mitigations Measures

The Proposed Project is not anticipated to have any significant adverse impact on visual resources. However, it is anticipated that construction activities are expected to have temporary visual impacts from neighboring areas directly surrounding the Project Site in the short-term. Such impacts would be due to the presence of construction equipment within the Project Site. In the long-term, the Proposed Project will not have significant visual impacts and is anticipated to be designed to be consistent with the existing visual character of the surrounding area.

3.13 Socio-Economic Characteristics

The CCH accounts for 69.4% of the State’s total resident population, down from 69.7% a few years ago. Based on the latest population projections, Honolulu’s population is expected to continue climbing, but at a slower rate than other counties. By 2045, the County is projected to be home to approximately 1.074 million residents. However, the average annual growth rate is predicted to slow from 0.4% between 2020 and 2030 to 0.1% by 2045. The projected population increase will result in increased demand for housing and public services across the island.

The Proposed Project is situated within the Urban Honolulu Census Designated Place (CDP). The 2021 American Community Survey (ACS) was reviewed for the Urban Honolulu and the CCH is summarized in the Table 3-11 below:

Table 3-11: Demographic Characteristics				
Subject	Urban Honolulu CDP		CCH	
	Number	Percent	Number	Percent
Total Population	347,403	100	1,000,080	100
AGE				
Under 5 years	20,021	5.7	58,801	5.9
5-19 years	48,767	4.8	173,167	17.3
20-64 years	208,200	59.9	581,037	58.1
65 years and over	70,415	20.2	187,885	18.8
Median age (years)	41.3	--	39.0	--
RACE				
White	58,248	16.7	185,542	18.5
Black or African American	6,836	1.9	24,788	2.5
American Indian and Alaskan Native	324	0.09	2,962	0.3
Asian	181,174	52.1	418,614	41.8
Native Hawaiian or other Pacific Islander	27,090	7.7	97,409	9.7
Two or more races	70,479	20.2	253,310	25.3
Other	3,252	0.9	18,265	1.8
HOUSEHOLD (BY TYPE)				
TOTAL HOUSEHOLDS	125,103	100	330,393	100
Average Household Size	2.67	--	2.96	--

Total Family Households	74,275	59.3	228,955	69.3
Average Family Size	3.46	--	3.55	--
Non-family Households	50,828	40.6	101,438	30.7
HOUSING OCCUPANCY AND TENURE				
Total Housing Units	153,191	100	338,093	100
Occupied Units	125,103	81.6	330,393	97.7
By Owner	55,557	36.2	193,041	57.1
By Renter	69,546	45.3	137,352	40.6
Vacant Units	28,088	18.3	7,700	2.3

Based on the data presented in the table, the Urban Honolulu CDP has a slightly older population than the CCH. The median age of the population in Urban Honolulu CDP is 41.3 compared to 39.0 for the CCH. In terms of racial composition, the Urban Honolulu CDP has a lower percentage of White (16.7%), Native Hawaiian or other Pacific Islander (7.7%) and those with two or more races (20.2%) compared to the CCH (18.5, 9.7% and 25.3% respectively). The table indicates that the Urban Honolulu and CCH CDP have similar profiles for the Black or African American, American Indian or Alaskan Native, Asian and other communities.

According to the 2021 ACS, housing units within Urban Honolulu are occupied by owners at 36.2% and by renters at 45.3%. In contrast, within the CCH CDP, 57.1% of housing units are occupied by owners, while 40.6% are occupied by renters.

Impacts and Mitigations Measures

No significant adverse impacts are anticipated to result from the construction or operation of the Proposed Project. In the short-term, development of the Proposed Project may provide temporary construction jobs in addition to construction expenditures. Activities related to the development of the Proposed Project will generate positive benefits to the local economy through indirect benefits to local retail businesses resulting from construction activities. In the long-term, the operation of the Proposed Project will provide job opportunities as it is anticipated that the Proposed Project will employ approximately 75-125 full and part-time employees. The Proposed Project is not anticipated to affect land and housing speculation, property values of area homes, or affordable housing in the area as it is an existing program in the community already.

3.14 Public Services and Facilities

3.14.1 Police, Fire, and Medical Services

Police protection for the CCH is provided by Honolulu Police Department (HPD). The Project Site falls within District 1- Central Honolulu patrol district, covering Downtown Honolulu, Chinatown, Nuʻuanu, Makiki, Ala Moana and Kakaʻako. The nearest police station is located at 801 South Beretania Street, located approximately 1.3 miles northeast of the Project Site.

Fire protection is provided by the Honolulu Fire Department (HFD). The nearest fire station, Fire Station 01 Central, is situated at 104 South Beretania Street, approximately 0.5 miles north of the Project Site.

The nearest hospital to the Project Site is The Queen’s Medical Center, located approximately 1.0 miles to the northeast of the Project Site. This medical facility is a major provider of medical services in Hawai‘i.

Emergency medical services are overseen by the CCH’s Emergency Services Department, specifically the Emergency Medical Services (EMS) Division. This department has 22 ambulance units across two districts, all designated as advance life support units and are staffed by a minimum of two emergency medical technicians. The Project Site is served by District 2, which covers Downtown Honolulu to Salt Lake. Additionally, the HFD provides first aid assistance in coordination with EMS for medical emergencies.

Impacts and Mitigation Measures

The Proposed Project is not anticipated to have significant adverse impacts on police, fire, and medical services. During the construction period, flagmen or off-duty police officers may be present to direct traffic and emergency vehicles. The contractor shall ensure to keep roadways clear and allow accessibility of police, fire, and emergency vehicles.

In the long term, the Proposed Project may require occasional police and fire protection, as well as medical services. However, it would likely not present a significant amount relative to the overall regional demand. It is recommended that the Proposed Project be built in consideration of public safety by installing features such as ample lighting, necessary signage, and other safety measures to keep the public safe, in an effort to reduce the need of emergency services.

With regard to fire protection, civil drawings will be submitted to the HFD for review and approval, and on-site fire protection requirements coordinated with the Fire Prevention Bureau of the HFD. The Proposed Project is not anticipated to increase the population, therefore, would not increase demand for fire protection services. No direct, secondary, or cumulative impacts on fire protection are anticipated or expected, and no mitigation measures are necessary or recommended.

3.14.2 Education

The Project Site is situated within the Honolulu District of the State Department of Education, specifically in the Kaimuki-McKinley-Roosevelt complex area. This complex area oversees two community schools, three high schools, five middle schools, 19 elementary schools, five public charter schools, and two special schools. The State DOE public school situated within the vicinity of the Proposed Project include:

- Royal Elementary School
- Queen Ka‘ahumanu Elementary School
- President William McKinley High School

Impacts and Mitigation Measures

The Proposed Project does not involve construction of residential units; therefore, it is not expected to affect existing educational facilities near the Project Site. No mitigation measures are required.

3.14.3 Recreational Facilities

The City and County Department of Parks and Recreation operates parks and recreational facilities across O‘ahu. The nearest recreational facilities to the Project Site include the following:

- Robert W. Wilcox Mini Park
- Smith- Beretania Urban Park
- Kamali‘i Mini Park
- Dr. Sun Yat-sen Park
- Kaka‘ako Waterfront Park

Impacts and Mitigation Measures

No significant adverse impacts are anticipated to occur from the construction or operation of the Proposed Project; therefore, no mitigation measures are proposed.

3.14.4 Solid Waste Disposal and Collection

In accordance with HRS Chapter 342G, solid waste encompasses any garbage, refuse, and other residential or commercial discarded materials from residential or commercial sources, including solid, liquid, semisolid, or contained gaseous materials resulting from industrial, commercial, mining, and agricultural activities. This includes sludge from waste treatment plants and residues from air pollution control facilities and community activities. Solid waste collection and disposal service is provided by the Department of Environmental Services for incineration at the Campbell Industrial Park H-POWER Plant, which generates electricity. The remaining ash and non-combustibles materials are then disposed of at the Waimanalo Gulch Sanitary Landfill. Construction and demolition material is disposed of at the privately-owned PVT landfill in Wai‘anae. PVT Land Company conducts material recovery and recycling in addition to its C&D landfill operations.

Impacts and Mitigation Measures

The Proposed Project is not anticipated to result in significant adverse impacts to solid waste collection and/or disposal. It is anticipated that construction of the Proposed Action will result in a short-term increase in the volume of construction-related waste generated at the Project Site due to the demolition of the existing facilities. To mitigate potential impacts, contractors will be required to minimize the amount of solid waste generated during the construction of the Proposed Project and a job-site waste management and recycling program will be implemented to maintain clean construction sites, maximize material recycling, and minimize disposal truck traffic impacts. This recycling program will incorporate the concept of “Reduce, Reuse, and Recycle”:

- Reduce by preventing unnecessary waste before it happens through efficient design;
- Reuse by using materials removed during demolition; and,
- Recycle by separating recyclable materials from non-recyclable materials and supplying these recyclable materials to a recycler for the use as new products.

It is anticipated that most earthen material excavated for new structures and facilities would be used as backfill on site. However, any excess excavated material that could not be kept on site would require offsite disposal. Coordination with local landfills and recycling centers for the disposal of construction debris and/or hazardous material will be required to accommodate the increased volume of solid waste that may be generated during construction activities. Disposal activities would be done in accordance with appropriate regulations and standards pertaining to solid waste disposal. Solid waste generated by the operation and public use of facilities at the Project Site that would continue after construction of the Proposed Project and is not anticipated to result in a greater daily demand of services at the Project Site.

3.15 Infrastructure and Utilities

A Preliminary Engineering Report (PER) was prepared by WOC in March 2024 to inform and serve as a basis for the EA evaluation for the Project Site and regional infrastructure and utilities under the context of the Proposed Project. The objectives of the subject PER is:

1. Provide and evaluation of the site infrastructure and utility systems for the Proposed Project;
2. Review the existing site infrastructure improvements and determine the requirement related to the roadway and parking facilities, site grading, storm drainage system, sanitary sewer system; and,
3. Based on the requirement, determine the required improvements, and identify possible opportunities and constraints for the redevelopment of the Project Site.

This PER is included herein as Appendix G, and its findings are summarized in the sections below.

3.15.1 Water System

Water for domestic use in the Project Site and surrounding vicinity is provided by the CCH BWS municipal water system. The offsite BWS water system near the Project Site consists of a 12-inch main running along Aloha Tower Drive, Bishop Street, and Ala Moana Boulevard and an 8-inch main running through the utility easement on the Honolulu Power Plant property. The existing Pier 7 is served by a 1½ - inch DC meter (M/N#15060319) off the 12-inch main within Aloha Tower Drive. The Old Honolulu Power Plant portion of the Project Site is served by three existing connections all served from an existing 12-inch main. The connections are located along Aloha Tower Drive, Bishop Street, and Ala Moana Boulevard. The connection along Aloha Tower Drive is served by a 1½ - inch meter (M/N#2006100341), the Bishop Street connection is served by a 4-inch meter (M/N#03124104), and the Ala Moana Boulevard connection is served by a 2-inch meter (M/N#2207100279).

There are six fire hydrants in the vicinity of the Project Site with one located on Aloha Tower Drive fronting Pier 7, two directly across the Project Site along Bishop Street and Ala Moana Boulevard, one located on the north side of Richard's Street, and two on the westbound side of Ala Moana Boulevard. All fire hydrants tap off the existing 12-inch main and are denoted as M00015, M00081, M00016, M02757, M0020, and M03052.

Impacts and Mitigation Measures

No short- or long-term adverse impacts are anticipated to result from the development and operation of the Proposed Project. On March 14, 2024, a letter was submitted to the BWS requesting information on the availability of water for the Proposed Project and water pressure information for fire hydrants near the Project Site. The initial letter was based on programming for the Proposed Project and the estimated average daily demand shown in Table 3-12 below.

Table 3-12: Average Daily Demand				
Facility	Zoning Designation	Area (sf)	Gal/ day/ unit	Avg. Daily Demand (gpd)
Museum, Restaurant, Retail, Garden, Gallery	Commercial	50,500	120 gpd / 1000 sf	6,060 gpd
			Total	6,060 gpd

On March 28, 2024, the BWS responded stating that based on current data, the existing water system is adequate to accommodate the proposed development scenarios. BWS record information indicates the water supply systems along Aloha Tower Drive and Ala Moana Boulevard have a calculated fire flow capacity of 4,000 gallons per minute. The final decision on the availability of water will be confirmed when the building permit application is submitted for approval, pending evaluation of the water system conditions at that time on a first-come first-served basis.

On-site water system improvements will consist of a new water connection(s) to provide domestic and fire protection water service to the Project Site. When water is made available, the Applicant will be required to pay the BWS Water System Facilities charges for resources development, transmission, and daily storage. Water conservation measures will be required for the Proposed Project to minimize water usage impacts.

The Proposed Project anticipates using existing connection(s) for domestic and fire protection water services for the Project Site. Improvements to the existing water system will be determined through correspondence with the BWS. Actual line sizes and routing will need to be determined during the design phase.

Trenching and backfilling of proposed water lines will follow BWS standards and the Soils Engineers recommendations. During the design phase, the calculated water demands from the Proposed Project will determine the appropriate required meter and lateral size.

3.15.2 Wastewater System

The existing offsite wastewater collection system near the Project Site is operated and maintained by the CCH. There is an existing 8-inch sewer main running along Aloha Tower Drive and the 20-foot-wide Easement "B" (City) from south to north located between the Honolulu Power Plant property in the Alakea Street extension. The 8-inch sewer main then connects to an existing 28-inch sewer main along Ala Moana Boulevard and is ultimately treated at the Sand Island Wastewater Treatment Plant (WWTP). There are two 6-inch laterals

connecting to the Honolulu Power Plant, one of which connects off of Aloha Tower Drive to the east and the other within the easement to the south. There is one 6-inch lateral from the former Maritime Center connection to the 8" main within Aloha Tower Drive.

The DPP Wastewater Branch (WBB) reviews and approves sewer connection applications for developments which require sanitary sewer service. On March 27, 2024, a sewer connection application (SCA) based on the proposed program (see Table 3-13 below) was approved by the WWB indicating that the existing sewer system is adequate to support the Proposed Project (See Appendix A of the PER). The approved SCA (Application No. 2024/SCA-0298) will be valid for a 2-year period and is set to expire on March 27, 2026.

Table 3-13: Proposed Program Information		
Facility	Area (sf)	Quantity
Museum/ Garden/ Gallery	41,000	85 employees
Restaurant	4,500	792 seats per day
Retail	5,000	30 employees

With the approval of the SCA, complete construction plans shall be submitted by the design team, reviewed, and approved by the WWB within two years. Construction is required to commence within one year after approval of plans. An updated or revised sewer connection application could be submitted to request an extension, if required for project completion. However, extension or approval of the updated SCA is subject to agency review and is not readily ascertained.

Impacts and Mitigation Measures

Sewage flows from the Proposed Project will be collected by existing sewer lines within the Project Site and are expected to connect to the existing 6-inch laterals along Aloha Tower Drive and within the easement in the Honolulu Power Plant property. Improvements to the existing sanitary sewer system will be determined through correspondence with WWB. Upgrades to existing sewer line sizes and alignments will need to be determined during the design phase.

Onsite water system improvements will consist of new water connection(s) to provide domestic and fire protection water service for the Project Site. The proposed onsite sewer improvements will consist of new sewer cleanouts, and underground piping to provide a lateral connection to the new building. New sewer lateral locations and sizes will be verified during the design phase.

Trenching and backfilling of proposed water lines will follow BWS standards and the Soils Engineers recommendations. During the design phase, the calculated water demands from the proposed project will determine the appropriate required meter and lateral size.

Upon CCH approval of the SCA(s) and construction plans, along with payment of the sewer facilities charges, the proposed system can be connected to the CCH sewer system.

No significant adverse impacts are anticipated on the existing wastewater system as a result of the construction and operation of the Proposed Project as indicated by the DPP WWB.

3.15.3 Drainage System

The existing site is currently developed and is comprised of both impervious and pervious surfaces. There is no existing onsite underground storm drainage system. The site is currently graded such that stormwater from the site sheet flows directly into Honolulu Harbor.

The Honolulu Power Plant collects stormwater onsite via drain inlets and downspouts which connects to either the 66" box culvert at the northwest corner of the property or to a 36" main running through a 20' wide city utility easement running between the Old Honolulu Power Plant. Both systems eventually discharge into Honolulu Harbor.

Impacts and Mitigation Measures

Drainage runoff patterns from the Project Site will generally remain unchanged, allowing drainage to be collected via existing onsite drain inlets, drain manholes, and underground piping with rainfall eventually flowing offsite into Honolulu Harbor.

No short- or long-term significant adverse impacts on the quantity or quality of drainage in the vicinity of the Project Site are anticipated during construction or operation of the Proposed Project. Construction of the Proposed Project will not involve major land disturbing activities that will significantly alter site contours. Applicable erosion control measures and BMPs will be implemented to mitigate any possible adverse effects relating to runoff. As applicable for each phase, these may include but are not limited to the following: infiltration basins and trenches, subsurface infiltration systems, dry wells, bioretention basins, permeable pavement, green roofs, vegetated biofilters, enhanced swales, detention basins, sand filters, vegetated swales, and buffer strips. Planting of landscaping also will be done as soon as possible on completed areas to help control erosion. Permanent sediment control measures will be used once construction is completed.

Drainage runoff rates and improvements for the Proposed Project are determined based on the CCH DPP, Storm Drainage Standards, dated August 2017. Any increase in runoff due to the proposed improvements will need to be retained on-site to ensure that the Proposed Project will not have any adverse effects on downstream properties.

In addition, it is anticipated that drainage improvement will also be required to comply with CCH Rules Relating to Water Quality amended September 2018. Under these rules, projects that disturb more than one acre of land are classified as "Priority A" projects. Priority "A" projects are required (unless determined to be infeasible) to:

- Incorporate appropriate Low Impact Development (LID) site design strategies to the maximum extent possible (MEP).
- Incorporate appropriate Source Control BMPs to the MEP.
- Retain on-site by filtration, evapotranspiration, or harvest/reuse as much of the water quality volume (WQV) as feasible with appropriate LID Retention Post-Construction Treatment Control BMPs.

-
- Biofilter any portion of the WQV that is not retained on-site with appropriate LID Biofiltration Post-Construction Treatment Control BMPs.

If it is determined to be infeasible to retain and/or biofilter the Water Quality Volume, the CCH rules require the project to:

- Treat (by detention, filtration, settling, or vortex separation) and discharge with appropriate Alternative Compliance Post-Construction Treatment Control BMPs, any portion of the WQV that is not retained on-site or biofiltered.
- Retain or biofilter at an offsite location, the volume of runoff from a non-tributary drainage area equivalent to the difference between the project's WQV and the amount retained on-site or biofiltered.

Appropriate BMPs include but are not limited to: infiltration basins and trenches, subsurface infiltration systems, dry wells, bioretention basin, permeable pavement, green roofs, vegetated bio-filters, enhanced swales, detention basins, sand filters, vegetated swales, and buffer strips.

The final drainage system design will be determined during the design phase of the project and maintain the existing discharge points to the CCH drainage system. As required by Storm Drainage Standards, DPP, CCH, dated 2017, stormwater quality measures will be installed to provide treatment of the water quality flow or volume.

Coordination will be undertaken with the appropriate agencies during the design, permitting, and construction processes to ensure that the Proposed Project will not interfere or result in significant impacts related to drainage.

3.15.4 Electrical and Communications System

Electrical power on the island of O'ahu is provided by Hawaiian Electric Company (HECO). HECO generates its electricity from oil-based power plants in Pearl City and Kapolei, a waste-to-energy power plant, Honolulu Program of Waste Energy Recovery (HPOWER) in Kapolei and other renewable energy generators across the island.

Telephone and cable television (CATV) services in the area are provided by Hawaiian Telecom and Spectrum.

Impacts and Mitigation Measures

In the short and long term, the Proposed Project is not anticipated to have significant adverse impacts to regional electrical and communications infrastructure. While the Proposed Project will increase the electrical capacity at the Project Site, it is not expected to result in a significant increase in overall demand for electrical and communications systems in the area. Coordination will be undertaken with HECO and installed per applicable standards and building code regulations.

3.15.5 Natural Gas

Natural Gas on the island of O‘ahu is provided by Hawai‘i Gas. Record drawings indicate that there is an existing 4-inch gas main that runs between Pier 7 and the Honolulu Power Plant along Aloha Tower Drive.

Impacts and Mitigation Measures

Gas is anticipated in the development of the Proposed Project and will connect to the existing 4-inch gas main.

In the short- and long-term, the Proposed Project is not anticipated to impact or increase overall demand for electrical and communication systems in the area. Further coordination with Hawai‘i Gas by the mechanical engineer will be required during the design phase to confirm fuel system service connections. The fuel system demand required by the Proposed Project will be needed at that time to determine the proposed improvements required.

CHAPTER 4: RELATIONSHIPS TO PLANS, POLICIES, AND CONTROLS

4. RELATIONSHIP TO PLANS, POLICIES, AND CONTROLS

Pursuant to HAR Section 11-200.1-24, this section describes the relationship of the Proposed Project to “land use and natural or cultural resource plans, policies, and controls for the affected area.” This will serve to discuss how the Proposed Project “may conform or conflict with objectives and specific terms of approved or proposed land use and resource plans, policies, and controls, if any, for the affected area.” Where a conflict or inconsistency exists, described is the extent to which the Proposed Project has been reconciled “with the plan, policy, or control, and the reasons why” the proposing agency “...has decided to proceed, notwithstanding the absence of full reconciliation.”

To facilitate describing the relationships of the Proposed Project to the numerous land use and natural or cultural resource plans, policies, and controls for the affected area, some of those plans, policies, and controls are presented in tabular form, and are described with text and / or the following letter code:

S = Supportive, NS = Not Supportive, N/A = Not Applicable

4.1 State Land Use Plans and Policies

4.1.1 Hawai'i State Plan

The Hawai'i State Plan, Chapter 226, HRS, as amended, provides goals, objectives, policies, and priorities for the State. The purpose of the Hawai'i State Plan is to set forth a plan that shall serve as a guide for the future long-range development of the State; identify the goals, allocating limited resources, such as public funds, services, human resources, land, energy, water, and other resources; improve coordination of Federal, State, and County plans, policies, programs, projects, and regulatory activities; and, to establish a system for plan formulation and program coordination to provide for an integration of all major state, and county activities. The State Plan is divided into three sections. Part 1 is Overall Theme, Goals, Objectives, and Policies. Part 2 is Planning Coordination and Implementation. Part 3 is Priority Guidelines. The Proposed Project's consistency with applicable goals, objectives and policies of Part 1 is discussed in Table 4-1, and an assessment of conformance with Part 3 is discussed in Table 4-2. Part 2 of the State Plan, which primarily covers internal government affairs, is not related to the Proposed Project.

Table 4-1: The Hawai'i State Plan		S	NS	N/A
<p>§226-4 State goals. In order to ensure, for present and future generations, those elements of choice and mobility that ensure that individuals and groups may approach their desired levels of self-reliance and self-determination, it shall be the goal of the State to achieve:</p>				
(1)	A strong, viable economy, characterized by stability, diversity, and growth, that enables the fulfillment of the needs and expectations of Hawai'i's present and future generations.	X		
(2)	A desired physical environment, characterized by beauty, cleanliness, quiet, stable natural systems, and uniqueness, that enhances the mental and physical well-being of the people.	X		

Table 4-1: The Hawai'i State Plan		S	NS	N/A
(3) Physical, social, and economic well-being, for individuals and families in Hawai'i, that nourishes a sense of community responsibility, of caring, and of participation in community life.		X		
<p>Discussion: The Proposed Project will support the State's goals for present and future generations to ensure individuals and groups may approach their desired levels of self-reliance and self-determination.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p> <p>Moreover, the Proposed Project will support the goals of the State to achieve a strong and viable economy through the creation of construction, construction support jobs, and the purchase of local materials during development. Additionally, the Proposed Project will generate employment opportunities during the operation and maintenance of the Proposed Project which will contribute to not only the cultural vibrancy of the area but also the economic prosperity of the State.</p>				
§226-5 Objective and policies for population.				
(a) It shall be the objective in planning for the State's population to guide population growth to be consistent with the achievement of physical, economic, and social objectives contained in this chapter. To achieve the population objective, it shall be the policy of this State to:				
(1) Manage population growth statewide in a manner that provides increased opportunities for Hawai'i's people to pursue their physical, social, and economic aspirations while recognizing the unique needs of each county.				X
(2) Encourage an increase in economic activities and employment opportunities on the Neighbor Islands consistent with community needs and desires.				X
(3) Promote increased opportunities for Hawai'i's people to pursue their socio-economic aspirations throughout the islands.	X			
(4) Encourage research activities and public awareness programs to foster an understanding of Hawai'i's limited capacity to accommodate population needs and to address concerns resulting from an increase in Hawai'i's population.				X
(5) Encourage federal actions that will promote a more balanced distribution of immigrants among the states, provided that such actions do not prevent the reunion of immediate family members.				X
(6) Pursue an increase in federal assistance for states with a greater proportion of foreign immigrants relative to their state's population.				X
(7) Plan the development and availability of land and water resources in a coordinated manner so as to provide for the desired levels of growth in each geographic area.	X			
<p>Discussion: The Proposed Project will support the objectives and policies outlined within the Hawai'i State Plan related to population.</p> <p>The Proposed Project is not intended to contribute to Hawai'i's residential population growth. The Proposed Project will, however, revitalize and modernize the waterfront area by introducing a contemporary garden and art attraction. The Proposed Project is designed to positively impact Hawai'i by enhancing the socio-economic landscape. The implementation of the Proposed Project will add vibrancy to the waterfront area, positively stimulate Hawai'i's tax base, and create new jobs in both the short-term construction phase and long-term operation. The Proposed Project is a coordinated effort to utilize available developed land and infrastructure to ensure valuable resources are utilized in a prudent and efficient manner.</p>				
§226-6 Objectives and policies for the economy--in general.				
(a) Planning for the State's economy in general shall be directed toward achievement of the following objectives:				
(1) Increased and diversified employment opportunities to achieve full employment, increased				

Table 4-1: The Hawai'i State Plan	S	NS	N/A
income and job choice, and improved living standards for Hawai'i's people.			
(2) A steady growing and diversified economic base that is not overly dependent on a few industries and includes the development and expansion of industries on the neighboring islands.			
(b) To achieve the general economic objectives, it shall be the policy of this State to:			
(1) Promote and encourage entrepreneurship within Hawai'i by residents and nonresidents of the State.	X		
(2) Expand Hawai'i's national and international marketing, communication, and organizational ties, to increase the State's capacity to adjust to and capitalize upon economic changes and opportunities occurring outside the State.			X
(3) Promote Hawai'i as an attractive market for environmentally and socially sound investment activities that benefit Hawai'i's people.			X
(4) Transform and maintain Hawai'i as a place that welcomes and facilitates innovative activity that may lead to commercial opportunities.			X
(5) Promote innovative activity that may pose initial risks, but ultimately contribute to the economy of Hawai'i.			X
(6) Seek broader outlets for new or expanded Hawai'i business investments.			X
(7) Expand existing markets and penetrate new markets for Hawai'i's products and services.	X		
(8) Assure that the basic economic needs of Hawai'i's people are maintained in the event of disruptions in overseas transportation.			X
(9) Strive to achieve a level of construction activity responsive to, and consistent with, state growth objectives.	X		
(10) Encourage the formation of cooperatives and other favorable marketing arrangements at the local or regional level to assist Hawai'i's small-scale producers, manufacturers, and distributors.			X
(11) Encourage labor-intensive activities that are economically satisfying, and which offer opportunities for upward mobility.			X
(12) Encourage innovative activities that may not be labor-intensive, but may otherwise contribute to the economy of Hawai'i.			X
(13) Foster greater cooperation and coordination between the public and private sectors in developing Hawai'i's employment and economic growth opportunities.			X
(14) Stimulate the development and expansion of economic activities which will benefit areas with substantial or expected employment problems.			X
(15) Maintain acceptable working conditions and standards for Hawai'i's workers.	X		
(16) Provide equal employment opportunities for all segments of Hawai'i's population through affirmative action and non-discrimination measures.			X
(17) Stimulate the development and expansion of economic activities capitalizing on defense, dual-use, and science and technology assets, particularly on the neighbor islands where employment opportunities may be limited.			X
(18) Encourage businesses that have favorable financial multiplier effects within Hawai'i's economy, particularly with respect to emerging industries in science and technology.			X
(19) Promote and protect intangible resources in Hawai'i, such as scenic beauty and the aloha spirit, which are vital to a healthy economy.	X		
(20) Increase effective communication between the educational community and the private sector to develop relevant curricula and training programs to meet future employment needs in general, and requirements of new, potential growth industries in particular.			X
(21) Foster a business climate in Hawai'i- including attitudes, tax and regulatory policies, and financial and technical assistance programs-that is conducive to the expansion of existing enterprises and the creation and attraction of new business and industry.			X
Discussion: The Proposed Project will support the objectives and policies outlined within the Hawai'i State Plan related to economy—in general.			

Table 4-1: The Hawai'i State Plan	S	NS	N/A
<p>The Proposed Project aims to revitalize and modernize the waterfront area by introducing a contemporary garden and art attraction. The Proposed Project is designed to positively impact Hawai'i by enhancing the socio-economic landscape. The implementation of the Proposed Project will add vibrancy to the waterfront area, positively stimulate Hawai'i's tax base, and create new jobs in both the short-term construction phase and long-term operation. In the short-term, project construction expenditures will confer positive benefits to the local economy in the form of direct wages and expenditures. These benefits would be derived from the creation of construction and construction support jobs as well as revenues generated by the procurement of building supplies and materials. In the long-term, the Proposed Project will benefit Hawai'i's local economy with the increase in revenue to the State's tax base as well as job opportunities. The Proposed Project is anticipated to employ approximately 75-125 full and part-time employees. Furthermore, the implementation of the Proposed Project will maintain acceptable working conditions and standards by adhering to relevant labor laws, regulations, and industry best practices in terms of worker safety.</p>			
<p>§226-7 Objectives and policies for the economy--agriculture.</p>			
<p>(a) Planning for the State's economy with regard to agriculture shall be directed towards achievement of the following objectives:</p>			
<p>(1) Viability of Hawai'i's sugar and pineapple industries.</p>			
<p>(2) Growth and development of diversified agriculture throughout the State.</p>			
<p>(3) An agriculture industry that continues to constitute a dynamic and essential component of Hawai'i's strategic, economic, and social well-being.</p>			
<p>To achieve the agriculture objectives, it shall be the policy of this State to:</p>			
(1) Establish a clear direction for Hawai'i's agriculture through stakeholder commitment and advocacy.			X
(2) Encourage agriculture by making the best use of natural resources.			X
(3) Provide the governor and the legislature with information and options needed for prudent decision-making for the development of agriculture.			X
(4) Establish strong relationships between the agricultural and visitor industries for mutual marketing benefits.			X
(5) Foster increased public awareness and understanding of the contributions and benefits of agriculture as a major sector of Hawai'i's economy.			X
(6) Seek the enactment and retention of federal and state legislation that benefits Hawai'i's agricultural industries.			X
(7) Strengthen diversified agriculture by developing an effective promotion, marketing, and distribution system between Hawai'i's food producers and consumers in the State, nation, and world.			X
(8) Support research and development activities that strengthen economic productivity in agriculture, stimulate greater efficiency, and enhance the development of new products and agricultural by-products.			X
(9) Enhance agricultural growth by providing public incentives and encouraging private initiatives.			X
(10) Assure the availability of agriculturally suitable lands with adequate water to accommodate present and future needs.			X
(11) Increase the attractiveness and opportunities for an agricultural education and livelihood.			X
(12) In addition to the State's priority on food, expand Hawai'i's agricultural base by promoting growth and development of flowers, tropical fruits and plants, livestock, feed grains, forestry, food crops, aquaculture, and other potential enterprises.			X
(13) Promote economically competitive activities that increase Hawai'i's agricultural self-sufficiency, including the increased purchase and use of Hawaii-grown food and food products by residents, businesses, and governmental bodies as defined under section 103D-104.			X
(14) Promote and assist in the establishment of sound financial programs for diversified agriculture			X

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(15) Institute and support programs and activities to assist the entry of displaced agricultural workers into alternative agricultural or other employment.			X
(16) Facilitate the transition of agricultural lands in economically non-feasible agricultural production to economically viable agricultural uses.			X
(17) Perpetuate, promote, and increase use of traditional Hawaiian farming systems, such as the use of Loko i'a, māla, and irrigated lo'i, and growth of traditional Hawaiian crops, such as kalo, 'uala, and 'ulu.			X
(18) Increase and develop small-scale farms.			X
Discussion: The objectives and policies pertaining to economy-- agriculture will not be applicable to the Proposed Project.			
226-8 Objective and policies for the economy--visitor industry.			
(a) Planning for the State's economy with regard to the visitor industry shall be directed towards the achievement of the objective of a visitor industry that constitutes a major component of steady growth for Hawai'i's economy.			
(b) To achieve the visitor industry objective, it shall be the policy of this State to:			
(1) Support and assist in the promotion of Hawai'i's visitor attractions and facilities.	X		
(2) Ensure that visitor industry activities are in keeping with the social, economic, and physical needs and aspirations of Hawai'i's people.	X		
(3) Improve the quality of existing visitor destination areas by utilizing Hawai'i's strengths in science and technology.			X
(4) Encourage cooperation between the public and private sectors in developing and maintaining well-designed, adequately serviced visitor industry and related developments which are sensitive to neighboring communities and activities.	X		
(5) Develop the industry in a manner that will continue to provide new job opportunities and steady employment for Hawai'i's people.	X		
(6) Provide opportunities for Hawai'i's people to obtain job training and education that will allow for upward mobility within the visitor industry.	X		
(7) Foster a recognition of the contribution of the visitor industry to Hawai'i's economy and the need to perpetuate the aloha spirit.	X		
(8) Foster an understanding by visitors of the aloha spirit and of the unique and sensitive character of Hawai'i's cultures and values.	X		
Discussion: The Proposed Project will support the State's objectives and policies pertaining to economy--visitor industry.			
<p>The Proposed Project will contribute to visitor attractions and facilities by revitalizing and modernizing the waterfront area by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about art and the science of glass art. The implementation of the Proposed Project will add vibrancy to the waterfront area, positively stimulate Hawai'i's tax base, and create new jobs in both the short-term construction phase and long-term operation. In the short-term, project construction expenditures will confer positive benefits to the local economy in the form of direct wages and expenditures. These benefits would be derived from the creation of construction and construction support jobs as well as revenues generated by the procurement of building supplies and materials. In the long-term, the Proposed Project will benefit Hawai'i's local economy with the increase in revenue to the State's tax base as well as job opportunities. The Proposed Project is anticipated to employ approximately 75-125 full- and part-time employees.</p> <p>Furthermore, the implementation of the Proposed Project will foster an understanding between visitors and Hawai'i's rich history by creating an immersive visual experience that honors the historical significance of the Project Site.</p>			
§226 9 Objective and policies for the economy--federal expenditures.			

Table 4-1: The Hawai'i State Plan		S	NS	N/A
(a) Planning for the State's economy with regard to federal expenditures shall be directed towards achievement of the objective of a stable federal investment base as an integral component of Hawai'i's economy.				
(b) To achieve the federal expenditure's objective, it shall be the policy of this State to:				
(1)	Encourage the sustained flow of federal expenditures in Hawai'i that generates long-term government civilian employment.			X
(2)	Promote Hawai'i's supportive role in national defense, in a manner consistent with Hawai'i's social, environmental, and cultural goals by building upon dual-use and defense applications to develop thriving ocean engineering, aerospace research and development, and related dual-use technology sectors in Hawai'i's economy.			X
(3)	Promote the development of federally supported activities in Hawai'i that respect statewide economic concerns, are sensitive to community needs, and minimize adverse impacts on Hawai'i's environment.			X
(4)	Increase opportunities for entry and advancement of Hawai'i's people into federal government service.			X
(5)	Promote federal use of local commodities, services, and facilities available in Hawai'i.			X
(6)	Strengthen federal-state-county communication and coordination in all federal activities that affect Hawai'i.			X
(7)	Pursue the return of federally controlled lands in Hawai'i that are not required for either the defense of the nation or for other purposes of national importance and promote the mutually beneficial exchanges of land between federal agencies, the State, and the counties.			X
Discussion: The objectives and policies pertaining to economy--federal expenditures will not be applicable to the Proposed Project.				
§226-10 Objective and policies for the economy--potential growth and innovative activities.				
(a) Planning for the State's economy with regard to potential growth and innovative activities shall be directed towards achievement of the objective of development and expansion of potential growth and innovative activities that serve to increase and diversify Hawai'i's economic base.				
(b) To achieve the potential growth activity objective, it shall be the policy of this State to:				
(1)	Facilitate investment and employment growth in economic activities that have the potential to expand and diversify Hawai'i's economy, including but not limited to diversified agriculture, aquaculture, renewable energy development, creative media, health care, and science and technology-based sectors.			X
(2)	Facilitate investment in innovative activity that may pose risks or be less labor-intensive than other traditional business activity, but if successful, will generate revenue in Hawai'i through the export of services or products or substitution of imported services or products.			X
(3)	Encourage entrepreneurship in innovative activity by academic researchers and instructors who may not have the background, skill, or initial inclination to commercially exploit their discoveries or achievements.			X
(4)	Recognize that innovative activity is not exclusively dependent upon individuals with advanced formal education, but that many self-taught, motivated individuals are able, willing, sufficiently knowledgeable, and equipped with the attitude necessary to undertake innovative activity.			X
(5)	Increase the opportunities for investors in innovative activity and talent engaged in innovative activity to personally meet and interact at cultural, art, entertainment, culinary, athletic, or visitor-oriented events without a business focus.	X		
(6)	Expand Hawai'i's capacity to attract and service international programs and activities that generate employment for Hawai'i's people.	X		
(7)	Enhance and promote Hawai'i's role as a center for international relations, trade, finance, services, technology, education, culture, and the arts.	X		

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(8) Accelerate research and development of new energy-related industries based on wind, solar, ocean, and underground resources and solid waste.			X
(9) Promote Hawai'i's geographic, environmental, social, and technological advantages to attract new economic activities into the State.			X
(10) Provide public incentives and encourage private initiative to attract new industries that best support Hawai'i's social, economic, physical, and environmental objectives.			X
(11) Increase research and the development of ocean related economic activities such as mining, food production, and scientific research.			X
(12) Develop, promote, and support research and educational and training programs that will enhance Hawai'i's ability to attract and develop economic activities of benefit to Hawai'i.	X		
(13) Foster a broader public recognition and understanding of the potential benefits of new, growth-oriented industry in Hawai'i.			X
(14) Encourage the development and implementation of joint federal and state initiatives to attract federal programs and projects that will support Hawai'i's social, economic, physical, and environmental objectives.			X
(15) Increase research and development of businesses and services in the telecommunications and information industries.			X
(16) Foster the research and development of non-fossil fuel and energy efficient modes of transportation			X
(17) Recognize and promote health care and health care information technology as growth industries.			X
<p>Discussion: The Proposed Project will support the objectives and policies pertaining to economy– potential growth and innovative activities.</p> <p>One of the objectives of the Proposed Project is to serve as a creative / artistic incubator, providing a space for artists (local and international), a space to introduce various types of art into the Project Site to foster business growth. In addition, the Proposed Project will function as an educational resource to impart knowledge about art and the science of glass art by offering a diverse range of classes, demonstrations, and excursions. Overall, the Proposed Project will facilitate opportunities in the art and educational industries and promotes Hawai'i's social advantages attracting economic activities to the State.</p>			
<p>226-10.5 Objectives and policies for the economy--information industry.</p> <p>(a) Planning for the State's economy with regard to telecommunications and information technology shall be directed toward recognizing that broadband and wireless communication capability and infrastructure are foundations for an innovative economy and positioning Hawai'i as a leader in broadband and wireless communications and applications in the Pacific Region.</p> <p>(b) To achieve the information industry objective, it shall be the policy of this State to:</p>			
(1) Promote efforts to attain the highest speeds of electronic and wireless communication within Hawai'i and between Hawai'i and the world, and make high speed communication available to all residents and businesses in Hawai'i			X
(2) Encourage the continued development and expansion of the telecommunications infrastructure serving Hawai'i to accommodate future growth and innovation in Hawai'i's economy.			X
(3) Facilitate the development of new or innovative business and service ventures in the information industry which will provide employment opportunities for the people of Hawai'i.			X
(4) Encourage mainland- and foreign-based companies of all sizes, whether information technology-focused or not, to allow their principals, employees, or contractors to live in and work from Hawai'i, using technology to communicate with their headquarters, offices, or customers located out-of-state.			X
(5) Encourage greater cooperation between the public and private sectors in developing and maintaining a well-designed information industry.			X
(6) Ensure that the development of new businesses and services in the industry are in keeping with the social, economic, and physical needs and aspirations of Hawai'i's people.			X

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(7) Provide opportunities for Hawai'i's people to obtain job training and education that will allow for upward mobility within the information industry.			X
(8) Foster a recognition of the contribution of the information industry to Hawai'i's economy.			X
(9) Assist in the promotion of Hawai'i as a broker, creator, and processor of information in the Pacific.			X
Discussion: The objectives and policies pertaining to economy–information industry will not be applicable to the Proposed Project.			
§226-11 Objectives and policies for the physical environment-land-based, shoreline, and marine resources.			
(a) The land-based, shoreline, and marine resources objectives are:			
(1) Prudent use of Hawai'i's land-based, shoreline, and marine resources.			
(2) Effective protection of Hawai'i's unique and fragile environmental resources.			
(b) To achieve the land-based, shoreline, and marine resources objectives, it shall be the policy of this State to:			
(1) Exercise an overall conservation ethic in the use of Hawai'i's natural resources.			X
(2) Ensure compatibility between land-based and water-based activities and natural resources and ecological systems.			X
(3) Take into account the physical attributes of areas when planning and designing activities and facilities.	X		
(4) Manage natural resources and environs to encourage their beneficial and multiple use without generating costly or irreparable environmental damage.	X		
(5) Consider multiple uses in watershed areas, provided such uses do not detrimentally affect water quality and recharge functions.			X
(6) Encourage the protection of rare or endangered plant and animal species and habitats native to Hawai'i.	X		
(7) Provide public incentives that encourage private actions to protect significant natural resources from degradation or unnecessary depletion.			X
(8) Pursue compatible relationships among activities, facilities, and natural resources.	X		
(9) Promote increased accessibility and prudent use of inland and shoreline areas for public recreational, educational, and scientific purposes.			X
Discussion: The Proposed Project will support the objectives and policies outlined within the Hawai'i State Plan related to the physical environment–land based, shoreline, and marine resources.			
<p>The Proposed Project aims to ensure that activities at the Project Site are in harmony with land-based, water-based, natural systems and ecological systems in the area. By analyzing the existing conditions of the Project Site, the Proposed Project seeks to optimize facility design and layout to best suit the programmatic needs of the new attraction and fit the attributes of the Honolulu Waterfront.</p> <p>The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work. Coordination will be undertaken with the appropriate agencies during permitting and construction in order to ensure that the Proposed Project will not result in significant impacts with regard to surface and coastal waters. Soil disturbances such as excavation and grading activities will be regulated by applicable provisions of the County's grading ordinance.</p> <p>As described in Section 3.5.1, the plant species present at the Project Site are consistent with those found in highly altered urban environments which are common non-native introduced species and scattered weedy growth. The ornamental species (ornamentals plus naturalized, indigenous, or Polynesian species planted as landscape plants) are commonly used for landscaping. Thus, based on the composition of vegetation at the Project Site, impacts to vegetation would not be anticipated as a result of construction and operation of the Proposed Project.</p>			

Table 4-1: The Hawai'i State Plan	S	NS	N/A
Rare, threatened, or endangered fauna are not known to utilize the site for either habitat or foraging purposes. However, measures to prevent adverse effects to protected seabirds from night lighting, any permanent light sources will be shielded and angled downward to eliminate glare that could disturb or disorient seabirds in flight.			
§226-12 Objective and policies for the physical environment--scenic, natural beauty, and historic resources.			
(a) Planning for the State's physical environment shall be directed towards achievement of the objective of enhancement of Hawai'i's scenic assets, natural beauty, and multi-cultural/historical resources.			
(b) To achieve the scenic, natural beauty, and historic resource's objective, it shall be the policy of this State to:			
(1) Promote the preservation and restoration of significant natural and historic resources.			X
(2) Provide incentives to maintain and enhance historic, cultural, and scenic amenities.			X
(3) Promote the preservation of views and vistas to enhance the visual and aesthetic enjoyment of mountains, ocean, scenic landscapes, and other natural features.	X		
(4) Protect those special areas, structures, and elements that are an integral and functional part of Hawai'i's ethnic and cultural heritage.			X
(5) Encourage the design of developments and activities that complement the natural beauty of the islands.	X		
Discussion: The Proposed Project will support the objectives and policies outlined within the Hawai'i State Plan related to scenic, natural beauty, and historic resources.			
The Proposed Project will maintain the physical and scenic attributes of the Project Site. The Proposed Project will maintain prominent view corridors as identified by the State's Land Use Ordinance (LUO), which emphasizes the preservation of visual resources including natural and developed areas as well as land uses. The visual characteristics of the Project Site align with the urban setting of Honolulu, which include high-rise structures that accommodate scenic resources such as the Ko'olau Mountain Range. As discussed in Section 3.12 (Visual Resources) the Proposed Project is not expected to have an impact on the recognized view planes supporting the objectives and policies for the physical environment - scenic, natural beauty, and historic resources.			
§226-13 Objectives and policies for the physical environment--land, air, and water quality.			
(a) Planning for the State's physical environment with regard to land, air, and water quality shall be directed towards achievement of the following objectives:			
(1) Maintenance and pursuit of improved quality in Hawai'i's land, air, and water resources.			
(2) Greater public awareness and appreciation of Hawai'i's environmental resources.			
(b) To achieve the land, air, and water quality objectives, it shall be the policy of this State to:			
(1) Foster educational activities that promote a better understanding of Hawai'i's limited environmental resources.	X		
(2) Promote the proper management of Hawai'i's land and water resources.			X
(3) Promote effective measures to achieve desired quality in Hawai'i's surface, ground, and coastal waters.	X		
(4) Encourage actions to maintain or improve aural and air quality levels to enhance the health and well-being of Hawai'i's people.	X		
(5) Reduce the threat to life and property from erosion, flooding, tsunamis, hurricanes, earthquakes, volcanic eruptions, and other natural or man-induced hazards and disasters.	X		
(6) Encourage design and construction practices that enhance the physical qualities of Hawai'i's communities.	X		
(7) Encourage urban developments in close proximity to existing services and facilities.	X		
(8) Foster recognition of the importance and value of the land, air, and water resources to Hawai'i's people, their cultures, and visitors.	X		

Table 4-1: The Hawai'i State Plan	S	NS	N/A
<p>Discussion: The Proposed Project will support the objectives and policies related to the physical environment - land, air, and water quality.</p>			
<p>As discussed in Section 3.3 (Hydrology), necessary permits will be sought and construction BMPs will be implemented to reduce runoff generated from construction related activities. Additionally, construction activities are not likely to introduce to, nor release from the soils, any materials that could adversely affect the underlying groundwater. Construction material wastes will appropriately be disposed of to prevent any leachate from contaminating groundwater.</p>			
<p>The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work. Coordination will be undertaken with the appropriate agencies during permitting and construction in order to ensure that the Proposed Project will not result in significant impacts with regard to surface and coastal waters. Soil disturbances such as excavation and grading activities will be regulated by applicable provisions of the County's grading ordinance.</p>			
<p>As discussed in Section 3.4 (Natural Hazards) the Proposed Project is not anticipated to have adverse effects that could result to erosion, flooding, tsunami, hurricanes, earthquakes, volcanic eruptions, or other hazards and the Proposed Project will not exacerbate any natural hazard conditions. All structures will be designed in compliance with the City's building code. Impacts from natural hazards can be further mitigated by adherence to appropriate civil defense evacuation procedures.</p>			
<p>As discussed in Section 3.7 (Air Quality) the Proposed Project will have a short-term impact in the project region. Short-term construction-related air impacts can be mitigated; Ambient concentrations of carbon monoxide from motor vehicle traffic will remain well within State and national ambient air quality standards; and long-term impacts on air quality are likely to be negligible due to indirect emissions associated with the Proposed Project's electrical power and solid waste disposal requirements.</p>			
<p>As previously stated, the Project Site is situated within the existing urban context and has access to existing infrastructure in regard to utilities such as water, wastewater, electrical, and communication systems.</p>			
<p>§226-14 Objective and policies for facility systems--in general.</p>			
<p>(a) Planning for the State's facility systems in general shall be directed towards achievement of the objective of water, transportation, waste disposal, and energy and telecommunication systems that support statewide social, economic, and physical objectives.</p>			
<p>(b) To achieve the general facility systems objective, it shall be the policy of this State to:</p>			
<p>(1) Accommodate the needs of Hawai'i's people through coordination of facility systems and capital improvement priorities in consonance with state and county plans.</p>			X
<p>(2) Encourage flexibility in the design and development of facility systems to promote prudent use of resources and accommodate changing public demands and priorities.</p>			X
<p>(3) Ensure that required facility systems can be supported within resource capacities and at reasonable cost to the user.</p>			X
<p>(4) Pursue alternative methods of financing programs and projects and cost-saving techniques in the planning, construction, and maintenance of facility systems.</p>			X
<p>Discussion: The objectives and policies pertaining to facility systems--in general will not be applicable to the Proposed Project.</p>			
<p>§226-15 Objectives and policies for facility systems--solid and liquid wastes.</p>			
<p>(b) Planning for the State's facility systems with regard to solid and liquid wastes shall be directed towards the achievement of the following objectives:</p>			
<p>(1) Maintenance of basic public health and sanitation standards relating to treatment and disposal of solid and liquid wastes.</p>			
<p>(2) Provision of adequate sewerage facilities for physical and economic activities that alleviate problems in housing, employment, mobility, and other areas.</p>			

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(c) To achieve solid and liquid waste objectives, it shall be the policy of this State to:			
(1) Encourage the adequate development of sewerage facilities that complement planned growth.			X
(2) Promote re-use and recycling to reduce solid and liquid wastes and employ a conservation ethic.			X
(3) Promote research to develop more efficient and economical treatment and disposals of solid and liquid wastes.			X
Discussion: The objectives and policies pertaining to facility systems--solid and liquid wastes will not be applicable to the Proposed Project.			
§226-16 Objective and policies for facility systems--water.			
(a) Planning for the State's facility systems with regard to water shall be directed towards achievement of the objective of the provision of water to adequately accommodate domestic, agricultural, commercial, industrial, recreational, and other needs within resource capacities.			
(b) To achieve the facility systems water objective, it shall be the policy of the State to:			
(1) Coordinate development of land use activities with existing and potential water supply.	X		
(2) Support research and development of alternative methods to meet future water requirements well in advance of anticipated needs.			X
(3) Reclaim and encourage the productive use of runoff water and wastewater discharges.			X
(4) Assist in improving the quality, efficiency, service, and storage capabilities of water systems for domestic and agricultural use.			X
(5) Support water supply services to areas experiencing critical water problems.			X
(6) Promote water conservation programs and practices in government, private industry, and the general public to help ensure adequate water to meet long-term needs.			X
Discussion: The Proposed Project will support the State's objective and policies for water facility systems.			
Coordination with BWS will be taken to ensure there is adequate water source, storage, and delivery to service the Proposed Project. Upon finalization of the design, BWS will determine if the current municipal water system is adequate to accommodate the demand generated by the Proposed Project.			
§226-17 Objectives and policies for facility systems--transportation.			
(a) Planning for the State's facility systems with regard to transportation shall be directed towards the achievement of the following objectives:			
(1) An integrated multi-modal transportation system that services statewide needs and promotes the efficient, economical, safe, and convenient movement of people and goods.			
(2) A statewide transportation system consistent with planned growth objectives throughout the State			
(b) To achieve the transportation objectives, it shall be the policy of this State to:			
(1) Design, program, and develop a multi-modal system in conformance with desired growth and physical development as stated in this chapter.			X
(2) Coordinate state, county, federal, and private transportation activities and programs toward the achievement of statewide objectives.			X
(3) Encourage a reasonable distribution of financial responsibilities for transportation among participating governmental and private parties.			X
(4) Provide for improved accessibility to shipping, docking, and storage facilities.			X
(5) Promote a reasonable level and variety of mass transportation services that adequately meet statewide and community needs.			X
(6) Encourage transportation systems that serve to accommodate present and future development needs of communities.			X
(7) Encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.			X

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(8) Increase the capacities of airport and harbor systems and support facilities to effectively accommodate transshipment and storage needs.			X
(9) Encourage the development of transportation, systems and programs which would assist statewide economic growth and diversification.			X
(10) Encourage the design and development of transportation systems sensitive to the needs of affected communities and the quality of Hawai'i's natural environment.			X
(11) Encourage safe and convenient uses of low-cost, energy-efficient, non-polluting means of transportation.			X
(12) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.			X
(13) Encourage diversification of transportation modes and infrastructure to promote alternate fuels and energy efficiency.			X
Discussion: The objectives and policies pertaining to facility systems–transportation will not be applicable to the Proposed Project.			
§226-18 Objectives and policies for facility systems–energy.			
(a) Planning for the State's facility systems with regard to energy shall be directed toward the achievement of the following objectives, giving due consideration to all:			
(1) Dependable, efficient, and economical statewide energy and telecommunication systems capable of supporting the needs of the people.			
(2) Increased energy self-sufficiency through the reduction and ultimate elimination of Hawaii's dependence on imported fuels for electrical generation and ground transportation;			
(3) Greater diversification of energy generation in the face of threats to Hawai'i's energy supplies and systems;			
(4) Reduction, avoidance, or sequestration of greenhouse gas emissions from energy supply and use; and			
(5) Utility models that make the social and financial interests of Hawai'i's utility customers a priority.			
(b) To achieve the energy objectives, it shall be the policy of this State to ensure the provision of adequate, reasonably priced, and dependable energy services to accommodate demand.			
(c) To further achieve the energy objectives, it shall be the policy of this State to:			
(1) Support research and development as well as promote the use of renewable energy sources.			X
(2) Ensure a sufficient supply of energy to enable power systems to support the demands of growth.			X
(3) Base decisions of least-cost supply-side and demand-side energy resource options on a comparison of their total costs and benefits when a least-cost is determined by a reasonably comprehensive, quantitative, and qualitative accounting of their long-term, direct and indirect economic, environmental, social, cultural, and public health costs and benefits.			X
(4) Promote all cost-effective conservation of power and fuel supplies through measures, including: (A) Development of cost-effective demand-side management programs; (B) Education; (C) Adoption of energy-efficient practices and technologies; and (D) Increasing energy efficiency and decreasing energy use in public infrastructure.			X
(5) Ensure, to the extent that new supply-side resources are needed, that the development or expansion of energy systems uses the least-cost energy supply option and maximizes efficient technologies.			X
(6) Support research, development, demonstration, and use of energy efficiency, load management, and other demand-side management programs, practices, and technologies.			X

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(7) Promote alternate fuels and transportation energy efficiency.			X
(8) Support actions that reduce, avoid, or sequester greenhouse gases in utility, transportation, and industrial sector applications.			X
(9) Support actions that reduce, avoid, or sequester Hawai'i's greenhouse gas emissions through agriculture and forestry initiatives.			X
(10) Provide priority handling and processing for all state and county permits required for renewable energy projects.			X
(11) Ensure that liquefied natural gas is used only as a cost-effective transitional, limited-term replacement of petroleum for electricity generation and does not impede the development and use of other cost-effective renewable energy sources.			X
(12) Promote the development of indigenous geothermal energy resources that are located on public trust land as an affordable and reliable source of firm power for Hawai'i.			X
Discussion: The objectives and policies for socio-cultural advancement in energy will not be applicable to the Proposed Project.			
§226-18.5 Objectives and policies for facility systems--telecommunications.			
(a) Planning for the State's telecommunications facility systems shall be directed towards the achievement of dependable, efficient, and economical statewide telecommunications systems capable of supporting the needs of the people.			
(b) To achieve the telecommunications objective, it shall be the policy of this State to ensure the provision of adequate, reasonably priced, and dependable telecommunications services to accommodate demand.			
(c) To further achieve the telecommunications objective, it shall be the policy of this State to:			
(1) Facilitate research and development of telecommunication systems and resources.			X
(2) Encourage public and private sector efforts to develop means for adequate, ongoing telecommunication planning.			X
(3) Promote efficient management and use of existing telecommunication systems and services.			X
(4) Facilitate the development of education and training of telecommunication personnel.			X
Discussion: The objectives and policies pertaining to facility systems--telecommunications will not be applicable to the Proposed Project.			
§226-19 Objectives and policies for socio-cultural advancement--housing.			
(a) Planning for the State's socio-cultural advancement with regard to housing shall be directed toward the achievement of the following objectives:			
(1) Greater opportunities for Hawaii's people to secure reasonably priced, safe, sanitary, and livable homes, located in suitable environments that satisfactorily accommodate the needs and desires of families and individuals, through collaboration and cooperation between government and nonprofit and for-profit developers to ensure that more rental and for sale affordable housing is made available to extremely low-, very low-, lower-, moderate-, and above moderate-income segments of Hawaii's population.			
(2) The orderly development of residential areas sensitive to community needs and other land uses.			
(3) The development and provision of affordable rental housing by the State to meet the housing needs of Hawaii's people.			
(b) To achieve the housing objectives, it shall be the policy of this State to:			
(1) Effectively accommodate the housing needs of Hawai'i's people.			X
(2) Stimulate and promote feasible approaches that increase affordable rental and for sale housing choices for extremely low-, very low-, lower-, moderate-, and above moderate-income households.			X

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(3) Increase homeownership and rental opportunities and choices in terms of quality, location, cost, densities, style, and size of housing.			X
(4) Promote appropriate improvement, rehabilitation, and maintenance of existing housing units and residential areas.			X
(5) Promote design and location of housing developments taking into account the physical setting, accessibility to public facilities and services, and other concerns of existing communities and surrounding areas.			X
(6) Facilitate the use of available vacant, developable, and underutilized urban lands for housing.			X
(7) Foster a variety of lifestyles traditional to Hawai'i through the design and maintenance of neighborhoods that reflect the cultures and values of the community.			X
(8) Promote research and development of methods to reduce the cost of housing construction in Hawai'i.			X
Discussion: The objectives and policies pertaining to socio-cultural advancement-- housing will not be applicable to the Proposed Project.			
§226-20 Objectives and policies for socio-cultural advancement--health.			
(a) Planning for the State's socio-cultural advancement with regard to health shall be directed towards achievement of the following objectives:			
(1) Fulfillment of basic individual health needs of the general public.			
(2) Maintenance of sanitary and environmentally healthful conditions in Hawai'i's communities.			
(3) Elimination of health disparities by identifying and addressing social determinants of health.			
(b) To achieve the health objectives, it shall be the policy of this State to:			
(1) Provide adequate and accessible services and facilities for prevention and treatment of physical and mental health problems, including substance abuse.			X
(2) Encourage improved cooperation among public and private sectors in the provision of health care to accommodate the total health needs of individuals throughout the State.			X
(3) Encourage public and private efforts to develop and promote statewide and local strategies to reduce health care and related insurance costs.			X
(4) Foster an awareness of the need for personal health maintenance and preventive health care through education and other measures.			X
(5) Provide programs, services, and activities that ensure environmentally healthful and sanitary conditions.			X
(6) Improve the State's capabilities in preventing contamination by pesticides and other potentially hazardous substances through increased coordination, education, monitoring, and enforcement			X
(7) Prioritize programs, services, interventions, and activities that address identified social determinants of health to improve native Hawaiian health and well-being consistent with the United States Congress' declaration of policy as codified in title 42 United States Code section 11702, and to reduce health disparities of disproportionately affected demographics, including native Hawaiians, other Pacific Islanders, and Filipinos. The prioritization of affected demographic groups other than native Hawaiians may be reviewed every ten years and revised based on the best available epidemiological and public health data.			X
Discussion: The objectives and policies pertaining to socio-cultural advancement-- health will not be applicable to the Proposed Project.			
§226-21 Objective and policies for socio-cultural advancement--education.			
(a) Planning for the State's socio-cultural advancement with regard to education shall be directed towards achievement of the objective of the provision of a variety of educational opportunities to enable individuals to fulfill their needs, responsibilities, and aspirations.			
(b) To achieve the education objective, it shall be the policy of this State to:			

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(1) Support educational programs and activities that enhance personal development, physical fitness, recreation, and cultural pursuits of all groups.	X		
(2) Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.	X		
(3) Provide appropriate educational opportunities for groups with special needs.	X		
(4) Promote educational programs which enhance understanding of Hawai'i's cultural heritage.	X		
(5) Provide higher educational opportunities that enable Hawai'i's people to adapt to changing employment demands.			X
(6) Assist individuals, especially those experiencing critical employment problems or barriers, or undergoing employment transitions, by providing appropriate employment training programs and other related educational opportunities.			X
(7) Promote programs and activities that facilitate the acquisition of basic skills, such as reading, writing, computing, listening, speaking, and reasoning.			X
(8) Emphasize quality educational programs in Hawai'i's institutions to promote academic excellence.			X
(9) Support research programs and activities that enhance the education programs of the State.			X
<p>Discussion: The Proposed Project will support the State's objectives and policies for socio-cultural advancement pertaining to education.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge and serve as an educational hub. The Proposed Project will institute programs specifically crafted to impart knowledge about the art and the science of glass art. Local educators will collaborate by offering a diverse range of classes, demonstrations, and excursions. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p>			
<p>§226-22 Objective and policies for socio-cultural advancement–social services.</p> <p>(a) Planning for the State's socio-cultural advancement with regard to social services shall be directed towards the achievement of the objective of improved public and private social services and activities that enable individuals, families, and groups to become more self-reliant and confident to improve their well-being.</p> <p>(b) To achieve the social services objective, it shall be the policy of this State to:</p>			
(1) Assist individuals, especially those in need of attaining a minimally adequate standard of living and those confronted by social and economic hardship conditions, through social services and activities within the State's fiscal capacities.			X
(2) Facilitate the adjustment of new residents, especially recently arrived immigrants, into Hawaii's communities			X
(3) Promote alternatives to institutional care in the provision of long-term care for elder and disabled populations.			X
(4) Support public and private efforts to prevent domestic abuse and child molestation and assist victims of abuse and neglect.			X
(5) Promote programs which assist people in need of family planning services to enable them to meet their needs.			X
<p>Discussion: The objectives and policies pertaining to socio-cultural advancement–social services will not be applicable to the Proposed Project.</p>			
<p>§226-23 Objective and policies for socio-cultural advancement--leisure.</p> <p>(a) Planning for the State's socio-cultural advancement with regard to leisure shall be directed towards the achievement of the objective of the adequate provision of resources to accommodate diverse cultural, artistic, and recreational needs for present and future generations.</p> <p>(b) To achieve the leisure objective, it shall be the policy of this State to:</p>			
(1) Foster and preserve Hawai'i's multi-cultural heritage through supportive cultural, artistic, recreational, and humanities-oriented programs and activities.	X		

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(2) Provide a wide range of activities and facilities to fulfill the cultural, artistic, and recreational needs of all diverse and special groups effectively and efficiently.	X		
(3) Enhance the enjoyment of recreational experiences through safety and security measures, educational opportunities, and improved facility design and maintenance.	X		
(4) Promote the recreational and educational potential of natural resources having scenic, open space, cultural, historical, geological, or biological values while ensuring that their inherent values are preserved	X		
(5) Ensure opportunities for everyone to use and enjoy Hawai'i's recreational resources.	X		
(6) Assure the availability of sufficient resources to provide for future cultural, artistic, and recreational needs	X		
(7) Provide adequate and accessible physical fitness programs to promote the physical and mental well-being of Hawai'i's people.			X
(8) Increase opportunities for appreciation and participation in the creative arts, including the literary, theatrical, visual, musical, folk, and traditional art forms.	X		
(9) Encourage the development of creative expression in the artistic disciplines to enable all segments of Hawai'i's population to participate in the creative arts.	X		
(10) Assure adequate access to significant natural and cultural resources in public ownership.	X		
<p>Discussion: The Proposed Project will support the objectives and policies pertaining to socio-cultural advancement-- leisure.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawaii, and serve as an educational hub designed to enlighten the public about art and the science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p>			
<p>§226-24 Objective and policies for socio-cultural advancement--individual rights and personal well-being.</p> <p>(a) Planning for the State's socio-cultural advancement with regard to individual rights and personal well-being shall be directed towards achievement of the objective of increased opportunities and protection of individual rights to enable individuals to fulfill their socio-economic needs and aspirations.</p> <p>(b) To achieve the individual rights and personal wellbeing objective, it shall be the policy of this State to:</p>			
(1) Provide effective services and activities that protect individuals from criminal acts and unfair practices and that alleviate the consequences of criminal acts in order to foster a safe and secure environment.			X
(2) Uphold and protect the national and state constitutional rights of every individual.	X		
(3) Assure access to, and availability of, legal assistance, consumer protection, and other public services which strive to attain social justice.			X
(4) Ensure equal opportunities for individual participation in society.	X		
<p>Discussion: The Proposed Project will support the State's objectives and policies for socio-cultural advancement-- individual rights and personal well-being.</p> <p>The Proposed Project is anticipated to have a well-trained staff and security to provide a safe and accommodating environment for all team members, guests, and local residents who visit the Tradewinds Garden.</p>			
<p>§226-25 Objective and policies for socio-cultural advancement--culture.</p> <p>(a) Planning for the State's socio-cultural advancement with regard to culture shall be directed toward the achievement of the objective of enhancement of cultural identities, traditions, values, customs, and arts of Hawai'i's people.</p> <p>(b) To achieve the culture objective, it shall be the policy of this State to:</p>			
(1) Foster increased knowledge and understanding of Hawai'i's ethnic and cultural heritages and the history of Hawai'i.	X		

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(2) Support activities and conditions that promote cultural values, customs, and arts that enrich the lifestyles of Hawai'i's people and which are sensitive and responsive to family and community needs.			X
(3) Encourage increased awareness of the effects of proposed public and private actions on the integrity and quality of cultural and community lifestyles in Hawai'i.			X
(4) Encourage the essence of the aloha spirit in people's daily activities to promote harmonious relationships among Hawai'i's people and visitors.	X		
<p>Discussion: The Proposed Project will support the objectives and policies pertaining to socio-cultural advancement-- culture.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawaii, and serve as an educational hub designed to enlighten the public about art and the science glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p> <p>Additionally, the Proposed Project will embrace the aloha spirit that is celebrated throughout the Hawaiian Islands and honor the Project Site's history by seamlessly integrating local stories, cultural related themes and stories into over-arching, design-driven themes.</p>			
<p>§226-26 Objectives and policies for socio-cultural advancement--public safety.</p> <p>(a) Planning for the State's socio-cultural advancement with regard to public safety shall be directed towards the achievement of the following objectives:</p> <p>(1) Assurance of public safety and adequate protection of life and property for all people.</p> <p>(2) Optimum organizational readiness and capability in all phases of emergency management to maintain the strength, resources, and social and economic well-being of the community in the event of civil disruptions, wars, natural disasters, and other major disturbances.</p> <p>(3) Promotion of a sense of community responsibility for the welfare and safety of Hawai'i's</p> <p>(b) To achieve the public safety programs objectives, it shall be the policy of this State to:</p>			
(1) Ensure that public safety programs are effective and responsive to community needs.			X
(2) Encourage increased community awareness and participation in public safety programs.			X
<p>(c) To achieve the public safety programs objectives, it shall be the policy of this State to:</p>			
(1) Support criminal justice programs aimed at preventing and curtailing criminal activities.			X
(2) Develop a coordinated, systematic approach to criminal justice administration among all criminal justice agencies.			X
(3) Provide a range of correctional resources which may include facilities and alternatives to traditional incarceration in order to address the varied security needs of the community and successfully reintegrate offenders into the community.			X
<p>(d) To further achieve public safety objectives related to emergency management, it shall be the policy of this State to:</p>			
(1) Ensure that responsible organizations are in a proper state of readiness to respond to major war related, natural, or technological disasters and civil disturbances at all times.			X
(2) Enhance the coordination between emergency management programs throughout the State.			X
<p>Discussion: The objectives and policies pertaining to socio-cultural advancement--public safety will not be applicable to the Proposed Project.</p>			
<p>§226-27 Objectives and policies for socio-cultural advancement--government.</p> <p>(a) Planning the State's socio-cultural advancement with regard to government shall be directed towards the achievement of the following objectives:</p> <p>(1) Efficient, effective, and responsive government services at all levels in the State.</p>			

Table 4-1: The Hawai'i State Plan	S	NS	N/A
(2) Fiscal integrity, responsibility and efficiency in the state government and county governments.			
(b) To achieve the government objectives, it shall be the policy of this State to:			
(1) Provide for necessary public goods and services not assumed by the private sector.			X
(2) Pursue an openness and responsiveness in government that permits the flow of public information, interaction, and response.			X
(3) Minimize the size of government to that necessary to be effective.			X
(4) Stimulate the responsibility in citizens to productively participate in government for a better Hawai'i.			X
(5) Assure that government attitudes, actions, and services are sensitive to community needs and concerns.			X
(6) Provide for a balanced fiscal budget.			X
(7) Improve the fiscal budgeting and management system of the State.			X
(8) Promote the consolidation of state and county governmental functions to increase the effective and efficient delivery of government programs and services and to eliminate duplicative services wherever feasible.			X
Discussion: The objectives and policies pertaining to socio-cultural advancement-- government will not be applicable to the Proposed Project.			

PART III. PRIORITY GUIDELINES

Part III of the Hawai'i State Plan establishes the overall priority guidelines to address areas of Statewide concern. Under HRS § 226-102, "The State shall strive to improve the quality of life for Hawai'i's present and future population through the pursuit of desirable courses of action in seven major areas of Statewide concern which merit priority attention: economic development, population growth and land resource management, affordable housing, crime and criminal justice, quality education, principles of sustainability, and climate change adaptation.

Table 4-2: The Hawai'i State Plan Part III	S	NS	N/A
§226-103 Economic priority guidelines.			
(a) Priority guidelines to stimulate economic growth and encourage business expansion and development to provide needed jobs for Hawai'i's people and achieve a stable and diversified economy:			
(1) Seek a variety of means to increase the availability of investment capital for new and expanding enterprises.			X
(2) Encourage the expansion of technological research to assist industry development and support the development and commercialization of technological advancements.			X
(3) Improve the quality, accessibility, and range of services provided by government to business, including data and reference services and assistance in complying with governmental regulations.			X
(4) Seek to ensure that state business tax and labor laws and administrative policies are equitable, rational, and predictable.			X
(5) Streamline the building and development permit and review process and eliminate or consolidate other burdensome or duplicative governmental requirements imposed on business, where public health, safety, and welfare would not be adversely affected.			X
(6) Encourage the formation of cooperatives and other favorable marketing or distribution arrangements at the regional or local level to assist Hawai'i's small-scale producers, manufacturers, and distributors.			X
(7) Continue to seek legislation to protect Hawai'i from transportation interruptions between Hawai'i and the continental United States.			X

Table 4-2: The Hawai'i State Plan Part III		S	NS	N/A
(8)	Provide public incentives and encourage private initiative to develop and attract industries which promise long-term growth potentials, and which have the following characteristics: (a) An industry that can take advantage of Hawai'i's unique location and available physical and human resources. (b) A clean industry that would have minimal adverse effects on Hawai'i's environment. (c) An industry that is willing to hire and train Hawai'i's people to meet the industry's labor needs. (d) An industry that would provide reasonable income and steady employment.			X
(9)	Support and encourage, through educational and technical assistance programs and other means, expanded opportunities for employee ownership and participation in Hawai'i business.			X
(10)	Enhance the quality of Hawai'i's labor force and develop and maintain career opportunities for Hawai'i's people through the following actions: (a) Expand vocational training in diversified agriculture, aquaculture, and other areas where growth is desired and feasible. (b) Encourage more effective career counseling and guidance in high schools and post-secondary institutions to inform students of present and future career opportunities. (c) Allocate educational resources to career areas where high employment is expected and where growth of new industries is desired. (d) Promote career opportunities in all industries for Hawai'i's people by encouraging firms doing business in the State to hire residents. (e) Promote greater public and private sector cooperation in determining industrial training needs and in developing relevant curricula and on-the-job training opportunities. (f) Provide retraining programs and other support services to assist entry of displaced workers into alternative employment.			X
(b) Priority guidelines to promote the economic health and quality of the visitor industry:				
(1)	Promote visitor satisfaction by fostering an environment which enhances the Aloha Spirit and minimizes inconveniences to Hawai'i's residents and visitors.	X		
(2)	Encourage the development and maintenance of well-designed, adequately serviced hotels and resort destination areas which are sensitive to neighboring communities and activities and which provides for adequate shoreline setbacks and beach access.			X
(3)	Support appropriate capital improvements to enhance the quality of existing resort destination areas and provide incentives to encourage investment in upgrading, repair, and maintenance of visitor facilities.			X
(4)	Encourage visitor industry practices and activities which respect, preserve, and enhance Hawai'i's significant natural, scenic, historic, and cultural resources.	X		
(5)	Develop and maintain career opportunities in the visitor industry for Hawai'i's people, with emphasis on managerial positions.	X		
(6)	Support and coordinate tourism promotion abroad to enhance Hawai'i's share of existing and potential visitor markets.			X
(7)	Maintain and encourage a more favorable resort investment climate consistent with the objectives of this chapter.			X
(8)	Support law enforcement activities that provide a safer environment for both visitors and residents alike.			X
(c) Priority guidelines to promote the continued viability of the sugar and pineapple industries:				
(1)	Provide adequate agricultural lands to support the economic viability of the sugar and pineapple industries.			X
(2)	Continue efforts to maintain federal support to provide stable sugar prices high enough to allow profitable operations in Hawai'i.			X

Table 4-2: The Hawai'i State Plan Part III	S	NS	N/A
(3) Support research and development, as appropriate, to improve the quality and production of sugar and pineapple crops.			X
(d) Priority guidelines to promote the growth and development of diversified agriculture and aquaculture:			
(1) Identify, conserve, and protect agricultural and aquaculture lands of importance and initiate affirmative and comprehensive programs to promote economically productive agricultural and aquaculture uses of such lands.			X
(2) Assist in providing adequate, reasonably priced water for agricultural activities.			X
(3) Encourage public and private investment to increase water supply and to improve transmission, storage, and irrigation facilities in support of diversified agriculture and aquaculture.			X
(4) Assist in the formation and operation of production and marketing associations and cooperatives to reduce production and marketing costs.			X
(5) Encourage and assist with the development of a waterborne and airborne freight and cargo system capable of meeting the needs of Hawai'i's agricultural community			X
(6) Seek favorable freight rates for Hawai'i's agricultural products from interisland and overseas transportation operators.			X
(7) Encourage the development and expansion of agricultural and aquaculture activities which offer long-term economic growth potential and employment opportunities.			X
(8) Continue the development of agricultural parks and other programs to assist small independent farmers in securing agricultural lands and loans.			X
(9) Require agricultural uses in agricultural subdivisions and closely monitor the uses in these subdivisions.			X
(e) Priority guidelines for water use and development:			
(1) Maintain and improve water conservation programs to reduce the overall water consumption rate.			X
(2) Encourage the improvement of irrigation technology and promote the use of non-potable water for agricultural and landscaping purposes.			X
(3) Increase the support for research and development of economically feasible alternative water sources.			X
(4) Explore alternative funding sources and approaches to support future water development programs and water system improvements.			X
(f) Priority guidelines for energy use and development:			
(1) Encourage the development, demonstration, and commercialization of renewable energy sources.			X
(2) Initiate, maintain, and improve energy conservation programs aimed at reducing energy waste and increasing public awareness of the need to conserve energy.			X
(3) Provide incentives to encourage the use of energy conserving technology in residential, industrial, and other buildings.			X
(4) Encourage the development and use of energy conserving and cost-efficient transportation systems.			X
(g) Priority guidelines to promote the development of the information industry:			
(1) Establish an information network, with an emphasis on broadband and wireless infrastructure and capability that will serve as the foundation of and catalyst for overall economic growth and diversification in Hawai'i.			X
(2) Encourage the development of services such as financial data processing, a products and services exchange, foreign language translations, telemarketing, teleconferencing, a twenty-four-hour international stock exchange, international banking, and a Pacific Rim management center.			X
(3) Encourage the development of small businesses in the information field such as software development; the development of new information systems, peripherals, and applications; data conversion and data entry services; and			X

Table 4-2: The Hawai'i State Plan Part III	S	NS	N/A
home or cottage services such as computer programming, secretarial, and accounting services.			
(4) Encourage the development or expansion of educational and training opportunities for residents in the information and telecommunications fields.			X
(5) Encourage research activities, including legal research in the information and telecommunications fields.			X
(6) Support promotional activities to market Hawai'i's information industry services.			X
(7) Encourage the location or co-location of telecommunication or wireless information relay facilities in the community, including public areas, where scientific evidence indicates that the public health, safety, and welfare would not be adversely affected.			X
Discussion: The Proposed Project will support the economic priority guidelines outlined within the Hawai'i State Plan.			
The Proposed Project will promote economic health and quality of the visitor industry by fostering an environment that enhances the Aloha Spirit and minimizes inconveniences to Hawai'i's residents and visitors. The implementation of the Proposed Project will foster an understanding between visitors and Hawai'i's rich history by creating an immersive visual experience that honors the historical significance of the Project Site. Additionally, the operation of the Proposed Project offers employment opportunities to 75- 125 part- and full-time employees.			
§226-104 Population growth and land resources priority guidelines.			
(a) Priority guidelines to effect desired statewide growth and distribution:			
(1) Encourage planning and resource management to ensure that population growth rates throughout the State are consistent with available and planned resource capacities and reflect the needs and desires of Hawai'i's people.			X
(2) Manage a growth rate for Hawai'i's economy that will parallel future employment needs for Hawai'i's people.			X
(3) Ensure that adequate support services and facilities are provided to accommodate the desired distribution of future growth throughout the State.			X
(4) Encourage major state and federal investments and services to promote economic development and private investment to the neighbor islands, as appropriate.			X
(5) Explore the possibility of making available urban land, low-interest loans, and housing subsidies to encourage the provision of housing to support selective economic and population growth on the neighbor islands.			X
(6) Seek federal funds and other funding sources outside the State for research, program development, and training to provide future employment opportunities on the neighbor islands.			X
(7) Support the development of high technology parks on the neighbor islands.			X
(b) Priority guidelines for regional growth distribution and land resource utilization:			
(1) Encourage urban growth primarily to existing urban areas where adequate public facilities are already available or can be provided with reasonable public expenditures and away from areas where other important benefits are present, such as protection of important agricultural land or preservation of lifestyles.	X		
(2) Make available marginal or non-essential agricultural lands for appropriate urban uses while maintaining agricultural lands of importance in the agricultural district.			X
(3) Restrict development when drafting of water would result in exceeding the sustainable yield or in significantly diminishing the recharge capacity of any groundwater area.			X
(4) Encourage restriction of new urban development in areas where water is insufficient from any source for both agricultural and domestic use.			X
(5) In order to preserve green belts, give priority to state capital improvement funds which encourage location of urban development within existing urban areas except where compelling public interest dictates development of a non-contiguous new urban core.	X		

Table 4-2: The Hawai'i State Plan Part III	S	NS	N/A
(6) Seek participation from the private sector for the cost of building infrastructure and utilities and maintaining open spaces.			X
(7) Pursue rehabilitation of appropriate urban areas.			X
(8) Support the redevelopment of Kaka'ako into a viable residential, industrial, and commercial community.			X
(9) Direct future urban development away from critical environmental areas or impose mitigating measures so that negative impacts on the environment would be minimized.			X
(10) Identify critical environmental areas in Hawai'i to include but not be limited to the following: watershed and recharge areas; wildlife habitats (on land and in the ocean); areas with endangered species of plants and wildlife; natural streams and water bodies; scenic and recreational shoreline resources; open space and natural areas; historic and cultural sites; areas particularly sensitive to reduction in water and air quality; and scenic resources.			X
(11) Identify all areas where priority should be given to preserving rural character and lifestyle.			X
(12) Utilize Hawai'i's limited land resources wisely, providing adequate land to accommodate projected population and economic growth needs while ensuring the protection of the environment and the availability of the shoreline, conservation lands, and other limited resources for future generations.			X
(13) Protect and enhance Hawai'i's shoreline, open spaces, and scenic resources.	X		
<p>Discussion: The Proposed Project will support the population growth and land resources policy guidelines outlined within the Hawai'i State Plan.</p> <p>The Proposed Project will be constructed on Pier 7 and Units 5 and 7 of the Honolulu Power Plant, contributing to the wise use of land resources in Honolulu. The decommissioning of the Honolulu Power Plant in 2014 and the cessation of operations at the Hawai'i Maritime Center on Pier 7, have left a void of inactivity in the waterfront area, and presents an opportunity to revitalize these two sites. This approach allows for land to be allocated effectively for supporting projected population and economic growth needs, while ensuring the protection of the environment for the benefit of future generations.</p>			
<p>§226-105 Crime and criminal justice Priority guidelines in the area of crime and criminal justice:</p>			
(1) Support law enforcement activities and other criminal justice efforts that are directed to provide a safer environment.			X
(2) Target state and local resources on efforts to reduce the incidence of violent crime and on programs relating to the apprehension and prosecution of repeat offenders.			X
(3) Support community and neighborhood program initiatives that enable residents to assist law enforcement agencies in preventing criminal activities.			X
(4) Reduce overcrowding or substandard conditions in correctional facilities through a comprehensive approach among all criminal justice agencies which may include sentencing law revisions and use of alternative sanctions other than incarceration for persons who pose no danger to their community.			X
(5) Provide a range of appropriate sanctions for juvenile offenders, including community-based programs and other alternative sanctions.			X
(6) Increase public and private efforts to assist witnesses and victims of crimes and to minimize the costs of victimization.			X
<p>Discussion: The priority guidelines regarding crime and criminal justice outlined within the Hawai'i State Plan will not be applicable to the Proposed Project.</p>			
<p>§226-106 Affordable housing Priority guidelines for the provision of affordable housing:</p>			
(1) Seek to use marginal or non-essential agricultural land and public land to meet housing needs of low and moderate-income and gap-group households.			X

Table 4-2: The Hawai'i State Plan Part III		S	NS	N/A
(2)	Encourage the use of alternative construction and development methods as a means of reducing production costs.			X
(3)	Improve information and analysis relative to land availability and suitability for housing.			X
(4)	Create incentives for development which would increase home ownership and rental opportunities for Hawai'i's low and moderate-income households, gap-group households, and residents with special needs.			X
(5)	Encourage continued support for government or private housing programs that provide low interest mortgages to Hawai'i's people for the purchase of initial owner-occupied housing.			X
(6)	Encourage public and private sector cooperation in the development of rental housing alternatives.			X
(7)	Encourage improved coordination between various agencies and levels of government to deal with housing policies and regulations.			X
(8)	Give higher priority to the provision of quality housing that is affordable for Hawaii's residents and less priority to development of housing intended primarily for individuals outside of Hawai'i.			X
Discussion: The priority guidelines regarding affordable housing outlined within the Hawai'i State Plan will not be applicable to the Proposed Project.				
§226-107 Quality education.				
Priority guidelines to promote quality education:				
(1)	Pursue effective programs which reflect the varied district, school, and student needs to strengthen basic skills achievement.			X
(2)	Continue emphasis on general education "core" requirements to provide common background to students and essential support to other university programs.			X
(3)	Initiate efforts to improve the quality of education by improving the capabilities of the education work force.			X
(4)	Promote increased opportunities for greater autonomy and flexibility of educational institutions in their decision-making responsibilities.			X
(5)	Increase and improve the use of information technology in education by the availability of telecommunications equipment for: (A) The electronic exchange of information; (B) Statewide electronic mail; and (C) Access to the Internet. Encourage programs that increase the public's awareness and understanding of the impact of information technologies on our lives.			X
(6)	Pursue the establishment of Hawai'i's public and private universities and colleges as research and training centers of the Pacific.			X
(7)	Develop resources and programs for early childhood education.			X
(8)	Explore alternatives for funding and delivery of educational services to improve the overall quality of education.			X
(9)	Strengthen and expand educational programs and services for students with special needs.			X
Discussion: The priority guidelines regarding education outlined in the Hawai'i State Plan will not be applicable to the Proposed Project.				
The Proposed Project will, however, function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.				
§226-108 Sustainability.				

Table 4-2: The Hawai'i State Plan Part III	S	NS	N/A
Priority guidelines and principals to promote sustainability:			
(1) Encouraging balanced economic, social, community, and environmental priorities.	X		
(2) Encouraging planning that respects and promotes living within the natural resources and limits of the State.	X		
(3) Promoting a diversified and dynamic economy.			X
(4) Encouraging respect for the host culture.	X		
(5) Promoting decisions based on meeting the needs of the present without compromising the needs of future generations.	X		
(6) Considering the principles of the ahupua'a system.			X
(7) Emphasizing that everyone, including individuals, families, communities, businesses, and government, has the responsibility for achieving a sustainable Hawai'i.	X		
Discussion: The Proposed Project will support the priority guidelines for sustainability outlined within the Hawai'i State Plan.			
The Proposed Project will maximize the use of appropriate BMPs prior to, during and after construction to ensure that resources are used in a sustainable manner.			
§226-109 Climate change adaption.			
Priority guidelines for climate change adaption:			
(1) Ensure that Hawaii's people are educated, informed, and aware of the impacts climate change may have on their communities.			X
(2) Encourage community stewardship groups and local stakeholders to participate in planning and implementation of climate change policies.			X
(3) Invest in continued monitoring and research of Hawai'i's climate and the impacts of climate change on the State.			X
(4) Consider native Hawaiian traditional knowledge and practices in planning for the impacts of climate change.			X
(5) Encourage the preservation and restoration of natural landscape features, such as coral reefs, beaches and dunes, forests, streams, floodplains, and wetlands that have the inherent capacity to avoid, minimize, or mitigate the impacts of climate change.			X
(6) Explore adaptation strategies that moderate harm or exploit beneficial opportunities in response to actual or expected climate change impacts to the natural and built environments.			X
(7) Promote sector resilience in areas such as water, roads, airports, and public health, by encouraging the identification of climate change threats, assessment of potential consequences, and evaluation of adaptation options.			X
(8) Foster cross-jurisdictional collaboration between county, state, and federal agencies and partnerships between government and private entities and other nongovernmental entities, including nonprofit entities.			X
(9) Use management and implementation approaches that encourage the continual collection, evaluation, and integration of new information and strategies into new and existing practices, policies, and plans.			X
(10) Encourage planning and management of the natural and built environments that effectively integrate climate change policy.			X
Discussion: The priority guidelines regarding climate change adaptation outlined within the Hawai'i State Plan will not be applicable to the Proposed Project.			

4.1.2 Hawai'i State Functional Plans

The Hawai'i State Plan, HRS Chapter 226, directs appropriate State agencies to prepare Functional Plans which address Statewide needs, problems, and issues, and recommend policies and actions to mitigate those problems. The Functional Plans are prepared to further

define and implement statewide goals, objectives, policies, and priority guidelines contained in the Hawai'i State Plan. Thirteen Functional Plans were prepared to implement the State Plan provisions in the areas of agriculture, conservation lands, education, employment, energy, health, higher education, historic preservation, housing, human services, recreation, tourism, and transportation. The Proposed Project's conformance with the policies of the State Functional Plans are set forth in Table 4-3 below.

Table 4-3: Hawai'i State Functional Plans		S	NS	N/A
1	Agricultural State Functional Plan (1991)			
Purpose: Continued viability of agriculture throughout the State				X
Discussion: The Agricultural State Functional Plan is not directly applicable to the Proposed Project.				
2	Conservation Lands State Functional Plan (1991)			
Purpose: Addresses issues of population and economic growth and its strain on current natural resources; broadening public use of natural resources while protecting lands and shorelines from overuse; additionally, promotes the aquaculture industry				X
Discussion: The Conservation Lands State Functional Plan is not directly applicable to the Proposed Project.				
2	Education State Functional Plan (1989)			
Purpose: Improvements to Hawai'i's educational curriculum, quality of educational staff, and access to adequate facilities				X
Discussion: The Education State Functional Plan is not directly applicable to the Proposed Project. The Proposed Project will, however, function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.				
4	Employment State Functional Plan (1990)			
Purpose: Improve the qualifications, productivity, and effectiveness of the State's workforce through better education and training of workers as well as efficient planning of economic development, employment opportunities, and training activities		X		
Discussion: The Proposed Project will support the Employment State Functional Plan. The implementation of the Proposed Project will add vibrancy to the waterfront area, positively stimulate Hawai'i's tax base, and create new jobs in both the short-term construction phase and long-term operation. In the short-term, project construction expenditures will confer positive benefits to the local economy in the form of direct wages and expenditures. These benefits would be derived from the creation of construction and construction support jobs as well as revenues generated by the procurement of building supplies and materials. In the long-term, the Proposed Project will benefit Hawai'i's local economy with the increase in revenue to the State's tax base as well as job opportunities. The Proposed Project is anticipated to employ approximately 75-125 full- and part-time employees.				
5	Energy State Functional Plan (1991)			
Purpose: Lessen the reliance on petroleum and other fossil fuels in favor of alternative sources of energy so as to keep up with the State's increasing energy demands while also becoming a more sustainable island state; achieving dependable, efficient, and economical statewide energy systems				X

Discussion: The Energy State Functional Plan is not directly applicable to the Proposed Project.			
6	Health State Functional Plan		
Purpose: Improve the health care system by providing for those who do not have access to private health care providers; increasing preventative health measures; addressing 'quality of care' elements in private and public sectors to cut increasing costs			X
Discussion: The Health State Functional Plan is not directly applicable to the Proposed Project.			
7	Higher Education Functional Plan (1984)		
Purpose: Prepare Hawai'i's citizens for the demands of an increasingly complex world through providing technical and intellectual tools.			X
Discussion: The Higher Education Functional Plan is not directly applicable to the Proposed Project.			
The Proposed Project will, however, function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.			
8	Historic Preservation State Functional Plan (1991)		
Purpose: Preservation of historic properties, records, artifacts, and oral histories; provide public with information/education on the ethnic and cultural heritages and history of Hawai'i			X
Discussion: The Historic Preservation State Functional Plan is not directly applicable to the Proposed Project.			
9	Housing State Functional Plan (1989)		
Purpose: Provide affordable rental and for-sale housing; increase homeownership and amount of rental housing units; acquiring public and privately-owned lands for future residential development; maintain a statewide housing data system.			X
Discussion: The Proposed Project is not directly applicable to the Housing State Functional Plan			
10	Human Services State Functional Plan (1991)		
Purpose: Refining support systems for families and individuals by improving elderly care, increasing preventative measures to combat child/spousal abuse and neglect; providing means for 'self-sufficiency.'			X
Discussion: The Human Services State Functional Plan is not directly applicable to the Proposed Project.			
11	Recreation State Functional Plan (1991)		
Purpose: Manage the use of recreational resources via addressing issues: (1) ocean and shoreline recreation, (2) mauka, urban, and other recreation, (3) public access to shoreline and upland recreation areas, (4) resource conservation and management, (5) management of recreation programs/facilities/areas, and (6) wetlands protection and management			X
Discussion: The Proposed Project is not directly applicable to the Recreation State Functional Plan.			
12	Tourism State Functional Plan (1991)		
Purpose: Balance tourism/economic growth with environmental and community concerns; development that is cognizant of the limited land and water resources of the islands; maintaining friendly relations between tourists and community members;		X	

development of a productive workforce and enhancement of career and employment opportunities in the visitor industry			
<p>Discussion: The Proposed Project will support the Tourism State Functional Plan.</p> <p>The Proposed Project will contribute to visitor attractions and facilities by revitalizing and modernizing the waterfront area by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawaii, and serve as an educational hub designed to enlighten the public about art and science of glass art. The implementation of the Proposed Project will add vibrancy to the waterfront area, positively stimulate Hawaii's tax base, and create new jobs in both the short-term construction phase and long-term operation. In the short-term, project construction expenditures will confer positive benefits to the local economy in the form of direct wages and expenditures. These benefits would be derived from the creation of construction and construction support jobs as well as revenues generated by the procurement of building supplies and materials. In the long-term, the Proposed Project will benefit Hawaii's local economy with the increase in revenue to the State's tax base as well as job opportunities. The Proposed Project is anticipated to employ approximately 75-125 full- and part-time employees.</p> <p>Furthermore, the implementation of the Proposed Project will foster an understanding between visitors and Hawaii's rich history by creating an immersive visual experience that honors the historical significance of the Project Site.</p>			
13	Transportation State Functional Plan (1991)		
<p>Purpose: Development of a safer, more efficient transportation system that also is consistent with planned physical and economic growth of the state; construction of facility and infrastructure improvements; develop a transportation system balanced with new alternatives; pursue land use initiatives which help reduce travel demand.</p>			X
<p>Discussion: The Proposed Project is not directly applicable to the Transportation State Functional Plan.</p>			

4.1.3 State Land Use District

The State Land Use Law, Chapter 205, HRS, establishes an overall framework of land use management whereby all lands in the State of Hawaii are classified into one of four land use districts: Urban District, Agricultural District, Conservation District, and Rural District. The State Land Use Commission (LUC) is responsible for preserving and protecting Hawaii's lands and encouraging those uses to which lands are best suited.

Discussion:

The Project Site is situated entirely within the Urban State Land Use District (See Figure 4-1). Urban District lands generally include lands characterized by "city-like" concentrations of people, structures, and services. The Urban District also includes vacant areas for future development. The jurisdiction of the Urban District lies primarily with the county. In general, lot sizes and uses permitted in the district area are established by the county through ordinances or rules. The purpose and intent of the Proposed Project are consistent with the Urban State Land Use District.



STATE LAND USE DISTRICT

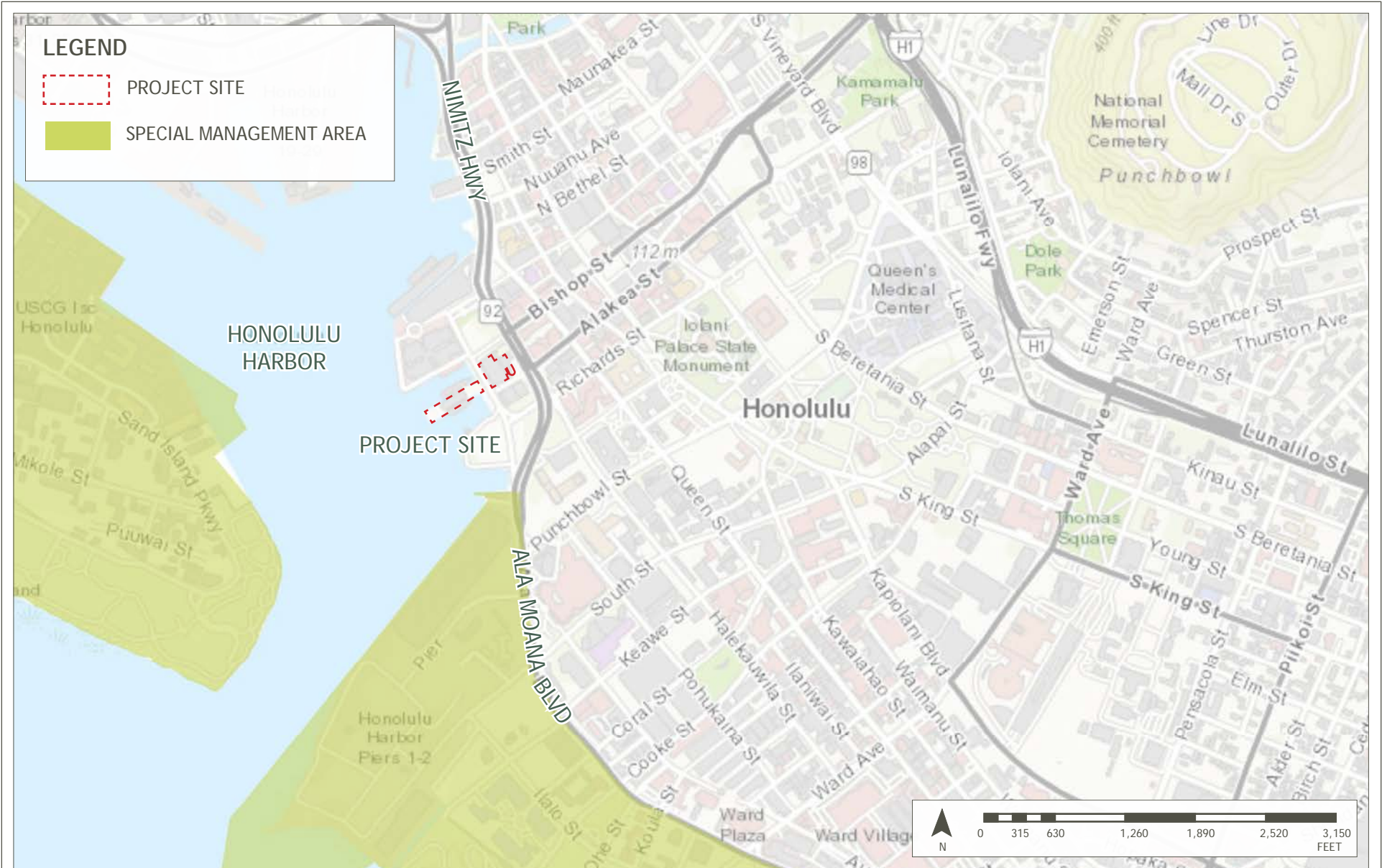
Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
4-1

4.1.4 Hawai'i Coastal Zone Management Plan

The National Coastal Zone Management (CZM) Program was created through passage of the Coastal Zone Management Act of 1972. The U.S. Congress enacted the CZM Act to assist states in better managing coastal and estuarine environments. The CZM Act provides grants to states that develop and implement federally approved CZM plans. The goal of the CZM Act is to *"preserve, protect, develop, and where possible, to restore or enhance the resources of the nation's coastal zone."* Hawai'i's CZM Act, adopted as Chapter 205A, HRS, provides a basis for protecting, restoring, and responsibly developing coastal communities and resources. In Hawai'i, the "coastal zone management area" refers to all lands within the area extending seaward from the shoreline to the furthest limit of the state's police power and management authority, including the territorial sea.

The Proposed Project's conformance with the ten objectives and numerous policies of the State of Hawai'i CZMP is set forth in Table 4-4 below. The Proposed Project is not located within the Special Management Area (SMA) as designated by the CCH (See Figure 4-2). Therefore, SMA permits are not required to implement the Proposed Project.



SPECIAL MANAGEMENT AREA

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
4-2

Table 4-4: Hawai'i Coastal Zone Management Act		S	NS	N/A
Recreational Resources				
Objective: Provide coastal recreational opportunities accessible to the public.				
(A) Improve coordination and funding of coastal recreational planning and management; and				X
(B) Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:				X
i. Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;				X
ii. Requiring replacement of coastal resources having significant recreational value including, but not limited to, surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the State for recreation when replacement is not feasible or desirable;				X
iii. Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;				X
iv. Providing an adequate supply of shoreline parks and other recreational facilities suitable public recreation;				X
v. Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;				X
vi. Adopting water quality standards and regulating point and nonpoint sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;				X
vii. Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and				X
viii. Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of section 46-6.				X
Discussion: The objectives and policies regarding Recreation Resources will not be directly applicable to the Proposed Project.				
Historic Resources				
Objective: Protect, preserve, and, where desirable, restore those natural and manmade historic and prehistoric resources in the coastal zone management area that are significant in Hawaiian and American history and culture.				
(A) Identify and analyze significant archaeological resources;				X
(B) Maximize information retention through preservation of remains and artifacts or salvage operations; and				X
(C) Support state goals for protection, restoration, interpretation, and display of historic resources.	X			
Discussion: The Proposed Project will support the objectives and policies of the Historic Resources of the Hawai'i Coastal Zone Management Act.				
<p>The Project Site consists of a developed urban environment and has been successively altered over the past century, for commercial and residential use. Throughout the property, construction contractors would be required to adhere to standards DMPs regarding the protection of archaeological resources, including identification, stop work, and notification measures. Should any archaeological resources be discovered, all appropriate measures would be adhered to for their protection; and as a result, long-term impacts to archaeological resources would be expected to be minor as irreversible ground disturbance has the potential to impact archaeological site permanently. However, potential impacts are preventable with mitigation measures which include construction</p>				

Table 4-4: Hawai'i Coastal Zone Management Act	S	NS	N/A
<p>monitoring, and data recovery in compliance with all relevant regulations and BMPs regarding archaeological resources.</p> <p>Construction of the Proposed Project will not disturb traditional sacred sites or traditional cultural objects; will not result in the degradation of resources used by Native Hawaiians for subsistence or traditional cultural practices; will not obstruct culturally significant landforms or way-finding features; and will not result in loss of access to the shoreline or other areas customarily used by Native Hawaiians or others for resource gathering or traditional cultural practices. However, should any significant archaeological, cultural, or historic resources be found during construction activities, all work will cease and SHPD be immediately notified for appropriate response and action.</p>			
Scenic and Open Space Resources			
Objective: Protect, preserve, and, where desirable, restore or improve the quality of coastal scenic and open space resources.			
(A) Identify valued scenic resources in the coastal zone management area;			X
(B) Ensure that new developments are compatible with their visual environment by designing and locating such developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;	X		
(C) Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and			X
(D) Encourage those developments that are not coastal dependent to locate in inland areas.	X		
Discussion: The Proposed Project will support the objectives and policies of the Scenic and Open Space Resources of the Hawai'i Coastal Zone Management Act.			
<p>The Proposed Project is being developed on the current Honolulu Power Plant and Pier 7 site and in an urban setting that has been successively altered over the past century. Since the Project Site is being developed on a previously disturbed area, it will not impinge upon any significant public scenic view corridors and will not have an impact on coastal view. As discussed in Section 3.12 (Visual Resources) the Proposed Project is not expected to affect the objectives and policies for the physical environment- scenic, natural beauty and visual resources.</p>			
Coastal Ecosystems			
Objective: Protect valuable coastal ecosystems, including reefs, beaches, and coastal dunes from disruption and minimize adverse impacts on all coastal ecosystems.			
(A) Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;			X
(B) Improve the technical basis for natural resource management;			X
(C) Preserve valuable coastal ecosystems of significant biological or economic importance, including reefs, beaches, and dunes;			X
(D) Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and			X
(E) Promote water quantity and quality planning and management practices that reflect the tolerance of fresh water and marine ecosystems and maintain and enhance water quality through the development and implementation of point and nonpoint source water pollution control measures.	X		
Discussion: The Proposed Project will support the objectives and policies of the Coastal Ecosystems of the Hawai'i Coastal Zone Management Act.			
<p>The Proposed Project is located along the coastline; therefore, applicable BMPs will be implemented to mitigate construction impacts to protect marine quality near the Project Site. The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work. Applicable erosion control measures and BMPs will be implemented in order to mitigate any possible adverse effects relating to runoff are described in detail in Section 3.3 (Hydrology).</p>			
Economic Uses			

Table 4-4: Hawai'i Coastal Zone Management Act		S	NS	N/A
Objective: Provide public or private facilities and improvements important to the State's economy in suitable locations.				
(A) Concentrate coastal dependent development in appropriate areas;				X
(B) Ensure that coastal dependent development such as harbors and ports, and coastal related development such as visitor industry facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and	X			
(C) Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:				X
i. Use of presently designated locations is not feasible;				X
ii. Adverse environmental effects are minimized; and				X
iii. The development is important to the State's economy;				X
Discussion: The Proposed Project will support the Economic Uses of the Hawai'i Coastal Zone Management Act.				
The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.				
Moreover, the Proposed Project will minimize adverse social, visual, and environmental impacts at the Project Site and its surrounding vicinity as discussed in Chapter 3 of the EA.				
Coastal Hazards				
Objective: Reduce hazard to life and property from coastal hazards.				
Policies:				
(A) Develop and communicate adequate information about the risks of coastal hazards;				X
(B) Control development, including planning and zoning control, in areas subject to coastal hazards;				X
(C) Ensure that developments comply with requirements of the National Flood Insurance Program; and	X			
(D) Prevent coastal flooding from inland projects.				X
Discussion: The Proposed Project will support the objective and policies of the Coastal Hazards of the Hawai'i Coastal Zone Management Act.				
As discussed in Section 3.4 (Natural Hazards) the Proposed Project will not exacerbate any natural hazard conditions. The Proposed Project is located within the Tsunami Evacuation Zone of the Tsunami Evacuation map; therefore, impacts from natural hazards will be mitigated by adherence to appropriate civil defense evacuation procedures.				
Managing Development				
Objective: Improve the development review process, communication, and public participation in the management of coastal resources and hazards.				
(A) Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;				X
(B) Facilitate timely processing of applications for development permits and resolve overlapping or conflicting permit requirements; and				X

Table 4-4: Hawai'i Coastal Zone Management Act	S	NS	N/A
(C) Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process.	X		
<p>Discussion: The Proposed Project will support the objective and policies of the Managing Development of the Hawai'i Coastal Zone Management Act.</p> <p>This EA has been prepared under the procedural provisions of HRS, Chapter 343, and HAR, Title 11, Chapter 200.1, which allows for public review and participation. Accordingly, the preparation of this EA, and disclosure of anticipated effects of the Proposed Project, will comply with the policy on managing development.</p> <p>As part of the EA process, an Early Consultation Package was prepared to inform interested parties of the Proposed Project and seek relevant public comment on subjects of concern for EA documentation. The filing and publication of this DEA and ERP will be followed by a 30-day comment period by the public. All relevant comments received during the 30-day public comment period will receive a written response for inclusion and use in the preparation in the Proposed Project's forthcoming FEA. Comments and responses are reproduced in Appendix H.</p>			
Public Participation			
Objective: Stimulate public awareness, education, and participation in coastal management.			
(A) Promote public involvement in coastal zone management processes;	X		
(B) Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and	X		
(C) Organize workshops, policy dialogues, and site-specific mitigation to respond to coastal issues and conflicts.			X
<p>Discussion: The Proposed Project will support the objective and policies of the Public Participation of the Hawai'i Coastal Zone Management Act.</p> <p>This EA has been prepared under the procedural provisions of HRS, Chapter 343, and HAR, Title 11, Chapter 200.1, which allows for public review and participation. Accordingly, the preparation of this EA, and disclosure of anticipated effects of the Proposed Project, will comply with the policy on managing development.</p> <p>As part of the EA process, an Early Consultation Package was prepared to inform interested parties of the Proposed Project and seek relevant public comment on subjects of concern for EA documentation. The filing and publication of this Draft EA will be followed by a 30-day comment period by the public. All relevant comments received during the 30-day public comment period will receive a written response for inclusion and use in the preparation in the Proposed Project's forthcoming Final EA. Comments and responses are reproduced in Appendix H.</p>			
Beach Protection and Coastal Dune Protection			
Objective: Protect beaches and coastal dunes for:			
<ul style="list-style-type: none"> i. Public use and recreation; ii. The benefit of coastal ecosystems; and iii. Use of natural buffers against coastal hazard; and iv. Coordinate and fund beach management and protection. 			
(A) Locate new structures inland from the shoreline setback to conserve open space, minimize interference with natural shoreline processes, and minimize loss of improvements due to erosion;			X
(B) Prohibit construction of private shoreline hardening structures, including seawalls and revetments, at sites where shoreline hardening structures interfere with existing recreational and waterline activities; and			X
(C) Minimize the construction of public shoreline hardening structures, including seawalls and revetments, at sites having sand beaches and at sites where shoreline hardening structures interfere with existing recreational and waterline activities;			X
(D) Minimize grading of land damage to coastal dunes;			

Table 4-4: Hawai'i Coastal Zone Management Act		S	NS	N/A
(E) Prohibit private property owners from creating a public nuisance by inducing or cultivating the private property owner's vegetation in a beach transit corridor; and				X
(F) Prohibit private property owners from creating a public nuisance by allowing the private property owner's unmaintained vegetation to interfere or encroach upon a beach transit corridor.				X
Discussion: The policies and objectives pertaining to Beach Protection of the Hawai'i Coastal Management Act will not be directly applicable the Proposed Project.				
Marine Resources and Coastal Resources				
Objective: Promote the protection, use, and development of marine and coastal resources to assure their sustainability.				
Policies:				
(A) Ensure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;				X
(B) Coordinate the management of marine and coastal resources and activities to improve effectiveness and efficiency;				X
(C) Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;				X
(D) Promote research, study, and understanding of ocean and coastal processes, impacts of climate change and sea level rise, marine life, and other ocean resources in order to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and				X
(E) Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.				X
Discussion: The policies and objectives pertaining to Marine Resources of the Hawai'i Coastal Management Act will not be directly applicable the Proposed Project.				
Applicable erosion control measures and BMPs will be implemented in order to mitigate any possible adverse effects relating to runoff are described in detail in Section 3.3 (Hydrology).				
The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work.				
Coordination will be undertaken with the appropriate agencies during permitting and construction in order to ensure that the Proposed Project will not result in significant impacts with regard to surface and coastal waters. Soil disturbances in excess of one acre would require an NPDES Individual Permit for Storm Water Associated with Construction Activity, administered by the State DOH, will be required to control storm water discharges. Any discharges related to Proposed Project's construction or operation activities will comply with applicable State Water Quality Standards as specified in Hawai'i Administrative Rules, Chapter 11-54 and 11-55 Water Pollution Control, DOH. Excavation and grading activities will be regulated by applicable provisions of the County's grading ordinance.				

4.1.5 Hawai'i Environmental Policy Act

The Hawai'i Environmental Policy Act, codified as Chapter 344, HRS, was enacted to establish a policy to encourage productive and enjoyable harmony between people and their environment, promote efforts which will prevent or eliminate damage to the environment and biosphere and stimulate the health and welfare of humanity, and enrich the understanding of the ecological systems and natural resources important to the people of Hawai'i.

Table 4-5: Hawai'i Environmental Policy Act		S	NS	N/A
§344-4 Guidelines. In pursuance of the state policy to conserve the natural resources and enhance the quality of life, all agencies, in the development of programs, shall, insofar as practicable, consider the following guidelines:				
(1) Population				
(A)	Recognize population impact as a major factor in environmental degradation and adopt guidelines to alleviate this impact and minimize future degradation.			X
(B)	Recognize optimum population levels for counties and districts within the State, keeping in mind that these will change with technology and circumstance, and adopt guidelines to limit population to the levels determined.			X
Discussion: The Hawai'i Environmental Policy Act's objectives regarding Population is not directly applicable to the Proposed Project.				
(2) Land, water, mineral, visual, air, and other natural resources				
(A)	Encourage management practices which conserve and fully utilize all-natural resources.			X
(B)	Promote irrigation and wastewater management practices which conserve and fully utilize vital water resources.			X
(C)	Promote the recycling of wastewater.			X
(D)	Encourage management practices which conserve and protect watersheds and water sources, forest, and open space areas.			X
(E)	Establish and maintain natural area preserves, wildlife preserves, forest reserves, marine preserves, and unique ecological preserves.			X
(F)	Maintain an integrated system of state land use planning which coordinates the state and county general plans.	X		
(G)	Promote the optimal use of solid wastes through programs of waste prevention, energy resource recovery, and recycling so that all our wastes become utilized.			X
Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Land, water, mineral, visual, air, and other natural resources.				
<p>The Proposed Project will utilize facilities related to solid and liquid waste facilities. The size capacities of solid and liquid waste facilities needed to supplement existing infrastructure is ultimately contingent upon the design and programming plan executed by the design team. However, it is assumed that modern designs for the disposal of solid and liquid wastes would be incorporated to complement the Proposed Project.</p> <p>The ENV Refuse Division manages the solid and liquid waste for O'ahu. The ENV and private haulers do not extend to construction and demolition debris. It is anticipated that construction of the Proposed Project will result in a short-term increase in the volume of construction related waste generated at the Project Site.</p> <p>It is anticipated that most earthen material excavated for new structures and facilities would be used as backfill on site. However, any excess excavated material not utilized would require offsite disposal. Coordination with local landfills and recycling centers for disposal of construction debris and/or hazardous materials will be required to accommodate the increased volume of solid waste that may be generated during construction activities. Disposal activities would be done in accordance with appropriate regulations and standards pertaining to solid waste disposal.</p> <p>Liquid waste generated during construction activities will be managed through services provided by the ENV. The ENV's facilities on O'ahu have the design capacity of 51 million gallons per day with all units in service. The need for new sewer lateral locations and sizes will not likely be applicable as the Proposed Project is being developed at the existing Pier 7 and Honolulu Power Plant site where exiting services can be used.</p>				
(3) Flora and fauna				
(A)	Protect endangered species of indigenous plants and animals and introduce new plants or animals only upon assurance of negligible ecological hazard.	X		
(B)	Foster the planting of native as well as other trees, shrubs, and flowering plants compatible to the enhancement of our environment.	X		
Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Flora and fauna.				

Table 4-5: Hawai'i Environmental Policy Act		S	NS	N/A
As described in detail in Section 3.5 (Natural Environment), the flora and fauna species found in the vicinity of the Project Site is consistent with the highly altered environment; therefore, the Proposed Project is not anticipated to have adverse impacts on flora and fauna. However, measures to prevent adverse effects to protected species will be in place to ensure that construction activities will not result in the permanent displacement of flora and fauna. Additionally, trees targeted for removal or trimming should be surveyed by a qualified biologist following the State Department of Fish and Wildlife protocol.				
(4) Parks, recreation, and open space				
(A) Establish, preserve, and maintain scenic, historic, cultural, park and recreation areas, including the shorelines, for public recreational, educational, and scientific uses.				X
(B) Protect the shorelines of the State from encroachment of artificial improvements, structures, and activities.				X
(C) Promote open space in view of its natural beauty not only as a natural resource but as an ennobling, living environment for its people.				X
Discussion: The Hawai'i Environmental Policy Act's objectives regarding Parks, recreation, and open space is not directly applicable to the Proposed Project.				
(5) Economic development				
(A) Encourage industries in Hawai'i which would be in harmony with our environment.				X
(B) Promote and foster the agricultural industry of the State; and preserve and conserve productive agricultural lands.				X
(C) Encourage federal activities in Hawai'i to protect the environment.				
(D) Encourage all industries including the fishing, aquaculture, oceanography, recreation, and forest products industries to protect the environment.				X
(E) Establish visitor destination areas with planning controls which shall include but not be limited to the number of rooms.				X
(F) Promote and foster the aquaculture industry of the State; and preserve and conserve productive aquacultural lands.				X
Discussion: The Hawai'i Environmental Policy Act's objectives regarding Economic development is not directly applicable to the Proposed Project.				
(6) Transportation				
(A) Encourage transportation systems in harmony with the lifestyle of the people and environment of the State.	X			
(B) Adopt guidelines to alleviate environmental degradation caused by motor vehicles.				X
(C) Encourage public and private vehicles and transportation systems to conserve energy, reduce pollution emission, including noise, and provide safe and convenient accommodations for their users.	X			
Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Transportation.				
The Proposed Project aims to promote the utilization of both public and private modes of transportation, along with various transportation systems including The Bus, Skyline Rail, and Trolley, to facilitate access to the Project Site. This initiative is anticipated to enhance accessibility and connectivity while encouraging commuters to opt for sustainable transportation options.				
(7) Energy				
(A) Encourage the efficient use of energy resources.	X			
Discussion: The Proposed Project will support the Hawaii Environmental Policy Act's objectives regarding Energy.				
(8) Community life and housing				
(A) Foster lifestyles compatible with the environment; preserve the variety of lifestyles traditional to Hawai'i through the design and maintenance of neighborhoods which reflect the culture and mores of the community.				X

Table 4-5: Hawai'i Environmental Policy Act		S	NS	N/A
(B) Develop communities which provide a sense of identity and social satisfaction in harmony with the environment and provide internal opportunities for shopping, employment, education, and recreation.		X		
(C) Encourage the reduction of environmental pollution which may degrade a community.				X
(D) Foster safe, sanitary, and decent homes.				X
(E) Recognize community appearances as major economic and aesthetic assets of the counties and the State; encourage green belts, plantings, and landscape plans and designs in urban areas; and preserve and promote mountain-to-ocean vistas.				X
<p>Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Community life and housing.</p> <p>The Proposed Project intends to revitalize and modernize the waterfront area by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawaii, and serve as an educational hub designed to enlighten the public about art and the science of glass art. The implementation of the Proposed Project will add vibrancy to the waterfront area.</p>				
(9) Education and culture				
(A) Foster culture and the arts and promote their linkage to the enhancement of the environment.		X		
(B) Encourage both formal and informal environmental education to all age groups.		X		
<p>Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Education and culture.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p>				
(10) Citizen participation				
(A) Encourage all individuals in the State to adopt a moral ethic to respect the natural environment; to reduce waste and excessive consumption; and to fulfill the responsibility as trustees of the environment for the present and succeeding generations.				X
(B) Provide for expanding citizen participation in the decision-making process so it continually embraces more citizens and more issues.		X		
<p>Discussion: The Proposed Project will support the Hawai'i Environmental Policy Act's objectives regarding Citizen participation.</p> <p>Public involvement related to the Proposed Project includes the preparation of an Early Consultation Package to inform interested parties of the Proposed Project and seek relevant public comment on subjects of concern for EA documentation. The filing and publication of this Draft EA with the Environmental Review Program will be followed by a 30-day public comment period and will receive a written response for inclusion and use in the preparation in the Proposed Project's forthcoming Final EA.</p>				

4.2 City and County of Honolulu Land Use Plans and Policies

4.2.1 City and County of Honolulu General Plan

The CCH updated its General Plan in January 2022. The General Plan is intended to be a dynamic document, expressing the aspirations of the residents of O’ahu. It sets forth the long-range objectives and policies for the general welfare and, together with the regional development plans, provides a direction and framework to guide the programs and activities of the CCH. It is a written commitment by the CCH government to a future for the island of

O‘ahu that it considers desirable and attainable. The General Plan is a two-fold document: First, it is a statement of the long-range social, economic, environmental, and design objectives for the general welfare and prosperity of the people of O‘ahu. These objectives contain both statements of desirable conditions to be sought over the long run and statements of desirable conditions that can be achieved within an approximately 20-year time horizon. Second, the General Plan is a statement of broad policies that facilitate the attainment of the objectives of the General Plan.

The General Plan is a guide for all levels of government, private enterprise, neighborhood and citizen groups, organizations, and individual citizens in eleven areas of concern:

1. Population;
2. Economic Activity;
3. Natural Environment;
4. Housing;
5. Transportation and utilities;
6. Energy;
7. Physical development and urban design;
8. Public safety;
9. Health and Education;
10. Culture and recreation; and
11. Government and fiscal management.

The Proposed Project is relevant and consistent with the goals, objectives, policies, and actions of the *City and County of Honolulu General Plan* as outlined in Table 4-6 below:

Table 4-6: City and County of Honolulu: General Plan - Objectives and Policies	S	NS	N/A
I. Population			
Objective A. To plan for anticipated population in a manner that acknowledges the limits of O‘ahu’s natural resources, protects the environment, and minimizes social, cultural, and economic disruptions.			
1. Allocate efficiently the money and resources of the City in order to meet the needs of O‘ahu’s current and future population.			X
2. Provide adequate support facilities to accommodate future numbers of visitors to O‘ahu while seeking to minimize disruption to residents and protect the natural environment.			X
3. Seek a balanced pace of physical development in harmony with the City's environmental, social, cultural, and economic goals by effecting and enforcing City regulations.			X
4. Establish geographic growth boundaries to accommodate future population growth while at the same time protecting valuable agricultural lands, environmental resources, and open space.			X
5. Support family planning and social equity.			X
Discussion: The Proposed Project will not directly affect Objective A of Section I of the City and County of Honolulu’s General Plan related to population.			
Objective B. To establish a pattern of population distribution that will allow the people of O‘ahu to live, work and play in harmony.			

1. Facilitate the full development of the primary urban center through higher-density redevelopment and the provision of adequate infrastructure.			X
2. Encourage development within the secondary urban center at Kapolei and the 'Ewa and Central O'ahu urban-fringe areas to relieve developmental pressures in the remaining urban-fringe and rural areas and to meet housing needs not readily provided in the primary urban center.			X
3. Manage land use and development in the urban-fringe and rural areas so that: a. Development is contained within growth boundaries; and b. Population densities in all areas remain consistent with the character, culture, and environmental qualities desired for each community.			X
4. Direct growth according to Policies 1, 2, and 3 above by providing development capacity and needed infrastructure to support a distribution of O'ahu's resident population.			X
Discussion: The Proposed Project will not directly affect Objective B of Section I of the City and County of Honolulu's General Plan related to population distribution.			
II. Economic Activity			
Objective A. To promote diversified economic opportunities that enable all the people of O'ahu to attain meaningful employment and a decent standard of living.			
1. Support a strong, diverse, and dynamic economic base that protects the natural environment and is resilient to changes in global conditions.			X
2. Encourage the viability of businesses and industries, including support for small businesses, which contribute to the economic and social well-being of O'ahu resident	X		
3. Pursue opportunities to grow and strategically develop non-polluting industries such as healthcare, agriculture, renewable energy, and technology in appropriate locations that contribute to O'ahu's long-term environmental, economic, and social sustainability.			X
4. Support entrepreneurship and innovation through creative efforts such as partnerships with businesses and non-profit organizations, and by encouraging complementary policies that support access to capital markets.			X
5. Foster a healthy business climate by streamlining regulatory processes to be transparent, predictable, and efficient.			X
6. Encourage the development of local, national, and world markets for the products of O'ahu-based industries.			X
7. Explore and encourage alternate economic models that reflect traditional cultural values and improve economic resilience, i.e., subsistence, barter and a culture of reciprocity and sharing.			X
Discussion: The Proposed Project will support Objective A of Section II of the City and County of Honolulu's General Plan related to economic activity.			
<p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction, providing a variety of experiences at the water's edge, fostering the promotion and expansion of creative arts in Hawai'i, and serving as an educational hub designed to enlighten the public about the art and science of glass art. The Proposed Project is anticipated to stimulate economic growth by drawing residents and visitors to the waterfront area, potentially attracting additional businesses and creating new opportunities for the local community.</p> <p>Moreover, the Proposed Project will support the goals of the State to achieve a strong and viable economy through the creation of construction, construction support jobs, and the purchase of local materials during development. Additionally, the Proposed Project will generate employment opportunities during the operation and maintenance of the Proposed Project which will contribute to not only the cultural vibrancy of the area but also the economic prosperity of the State.</p>			

Objective B. To maintain a successful visitor industry that creates living wage employment, enhances quality of life, and actively supports our unique sense of place, natural beauty, Native Hawaiian culture, and multi-cultural heritage.			
1. Encourage the visitor industry to support the quality of the visitor experience, the economic and social well-being of communities, the environment, and the quality of life of residents.	X		
2. Respect and emphasize the value that Native Hawaiian culture, its cultural practitioners, and other established ethnic traditions bring to enrich the visitor experience and appreciation for island heritage, culture, and values.	X		
3. Guide the development and operation of visitor accommodations and attractions in a manner that avoids unsustainable increases in the cost of providing public services and infrastructure, and that respects existing lifestyles, cultural practices, and natural, cultural, and historic resources.	X		
4. Partner with the private sector to support the long-term viability of Waikīkī as a world-class visitor destination and as O'ahu's primary resort area, and to support adequate adaptation strategies against climate change impacts.			X
5. Provide related public expenditures for rural and urban-fringe areas that are highly impacted by the visitor industry.			X
6. Provide a high-quality, livable, and safe environment for visitors and residents in Waikīkī, and support measures to ensure visitors' and residents' safety in all areas of O'ahu.			X
7. Concentrate on the quality of the visitor experience in Waikīkī, rather than on development densities.			X
8. Facilitate the development of the following secondary resort areas: Ko 'Olina, Turtle Bay, Hoakalei, and Mākaha Valley in a manner that respects existing lifestyles and the natural environment			X
9. Preserve scenic qualities of O'ahu for residents and visitors alike.	X		
10. Encourage physical improvements, social services, and cultural programs that contribute to a high-quality visitor experience, while seeking financial support of these improvements from the visitor industry.			X
<p>Discussion: The Proposed Project will support Objective B of Section II of the City and County of Honolulu's General Plan related to the viability of O'ahu's visitor industry.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p> <p>Moreover, the Proposed Project will preserve the scenic qualities of O'ahu. As discussed in Section 3.11 (Visual Resources) the Proposed Project is not anticipated to impact the natural landmarks or scenic views of O'ahu.</p>			
Objective C. To ensure the long-term viability, continued productivity, and sustainability of agriculture on O'ahu			
1. Foster a positive business climate for agricultural enterprises of all sizes, as well as innovative approaches to farming as a business, to ensure the continuation of agriculture as an important component of O'ahu's economy			X
2. Support agricultural diversification to strengthen the agricultural industry and make more locally grown food available for local consumption.			X
3. Foster market opportunities and increased consumer demand for safe, locally grown, fresh, processed, and value-added agricultural products.			X
4. Streamline the implementation of regulations to enhance a producer's ability to develop, market, and distribute locally grown food and products.			X

5. Identify the economic benefits of local food production for local markets. Provide economic incentives to encourage local food production and sustainability and encourage agricultural and aquaculture occupations.			X
6. Promote small-scale farming activities and other operations, such as truck farming, flower growing, aquaculture, livestock production, taro growing, subsistence farms, and community gardens.			X
7. Encourage landowners to actively use agricultural lands for agricultural purposes, and to pursue the long-term preservation of agricultural land with high productivity potential for agricultural production.			X
8. Encourage sustainable agricultural production to coexist on lands with renewable energy generation.			X
9. Prohibit the urbanization of agricultural land located outside the City's growth boundaries.			X
10. Support and encourage technologies and agricultural practices that conserve and protect water, soil, air quality, and drainage areas, reduce carbon emissions, and promote public health and safety.			X
11. Support and encourage the availability and use of non-potable water for irrigation, where feasible			X
12. Provide plans, incentives, and strategies to ensure the affordability of agricultural land for farmers.			X
13. Encourage both public and private investments to improve and expand agricultural infrastructure, such as irrigation systems, agricultural processing centers, and distribution networks.			X
14. Promote farming as a desirable and fulfilling occupation by encouraging agricultural education and training programs and by raising public awareness and appreciation for agriculture.			X
15. Protect the right to farm by enforcing right-to-farm laws, enacting policies to protect agricultural operations, and imposing meaningful buffer zones.			X
16. Seek ways to discourage agricultural theft and vandalism.			X
17. Recognize the scenic value of agricultural lands as an open-space resource and amenity.			X
Discussion: The Proposed Project is not directly applicable to Objective C of Section II of the City and County of Honolulu General Plan related to the viability of agriculture on O'ahu.			
Objective D. To use the economic resources of the sea in a sustainable manner.			
1. Encourage the fishing industry to maintain its viability at a level that does not degrade or damage marine ecosystems.			X
2. Encourage the ongoing development of aquaculture, ocean research, and other ocean related industries.			X
3. Encourage the expansion of ocean recreation activities for residents and visitors that are operated in a sustainable manner.			X
Discussion: The Proposed Project will not directly impact Objective D of Section II of the City and County of Honolulu General Plan related to economic resources of the sea.			
Objective E. To ensure meaningful employment and economic equity.			
1. Support public and private training and employment programs to prepare residents for existing and future jobs, including those for historically marginalized communities.	X		
2. Make full use of State and Federal employment and training programs.			X

3. Encourage the provision of retraining programs for workers in industries with planned reductions in their labor force.			X
4. Identify emerging industries, encourage investments needed to support the industries, and develop a skilled workforce in these fields.			X
Discussion: The Proposed Project will support Objective E of Section II the City and County of Honolulu General Plan related to employment and economic equity.			
In the short term, project construction expenditures will confer positive benefits on the local economy. These benefits would be derived from the creation of construction and construction support jobs as well as revenues generated by the procurement of building supplies and materials. In the long term, the Proposed Project will improve the productivity and effectiveness of the State's workforce.			
Objective F. To maintain federal programs and economic activity on O'ahu consistent with the City's infrastructure and environmental goals.			
1. Take full advantage of Federal programs and grants which will contribute to the economic and social well-being of O'ahu's residents.			X
2. Encourage the Federal government to pay for the cost of public services used by Federal agencies.			X
3. Encourage the Federal government to lease new facilities rather than construct them on tax-exempt public land.			X
4. Encourage the military to purchase locally all needed services and supplies which are available on O'ahu .			X
5. Encourage the continuation of a high level of military-related employment both on and off base in the Hickam-Pearl Harbor, Wahiawā, Kailua-Kāne'ohe, and 'Ewa areas.			X
Discussion: The Proposed Project will not impact Objective F of Section II of the City and County of Honolulu General Plan related to economic activity as the Proposed Project does not involve any federal funds.			
Objective G. To bring about orderly economic growth on O'ahu.			
1. Concentrate economic activity and government services in the primary urban center and in the secondary urban center at Kapolei.			X
2. Advance the equitable distribution of City capital spending, employment opportunities, infrastructure investments, and other benefits throughout communities based on need and regardless of income level. Allow infrastructure and business activity in urban fringe areas appropriate to population needs			X
3. Maintain sufficient land in appropriately located commercial and industrial areas to help ensure a favorable business climate on O'ahu.			X
Discussion: The Proposed Project will not directly impact Objective G of Section II of the City and County of Honolulu General Plan related to economic activity.			
III. Natural Environment			
Objective A. To protect and preserve the natural environment.			
1. Protect O'ahu's natural environment, especially the shoreline, valleys, and ridges, from incompatible development.			X
2. Seek the restoration of environmentally damaged areas and natural resources.			X
3. Preserve, protect, and restore stream flows and stream habitats to support aquatic and environmental processes and riparian, scenic, recreational, and Native Hawaiian cultural resources.			X
4. Require development projects to give due consideration to natural features and hazards such as slope, inland and coastal erosion, flood hazards, water-recharge areas, and existing vegetation, as well as to plan for coastal hazards that threaten life and property	X		

5. Require sufficient setbacks from O'ahu's shorelines to protect life and property, preserve natural shoreline areas and sandy beaches, and minimize the future need for protective structures or relocation of structures.			X
6. Design and maintain surface drainage and flood-control systems in a manner which will help preserve natural and cultural resources.			X
7. Protect the natural environment from damaging levels of air, water, carbon, and noise pollution.	X		
8. Protect plants, birds, and other animals that are unique to the State of Hawai'i and the Island of O'ahu.			X
9. Increase tree canopies and ensure its integration into new developments and protect significant trees on public and private lands.			X
10. Increase public awareness, appreciation, and protection of O'ahu's land, air, and water resources.			X
11. Support the State and federal governments in the protection of the unique environmental, marine, cultural and wildlife assets of the Northwestern Hawaiian Islands.			X
12. Plan, prepare for, and mitigate the impacts of climate change on the natural environment, including strategies of adaptation.			X
<p>Discussion: The Proposed Project will support the Objective A of Section III of the City and County of Honolulu General Plan related to natural environment.</p> <p>The Proposed Project gives due consideration to the natural features and environment of the site and surrounding area through this environmental assessment. Potential impacts to the natural setting will be mitigated through BMPs during the implementation of the Proposed Project. This will minimize any potential impacts to plants, birds, and other animals unique to the island of O'ahu and State of Hawai'i. The Proposed Project will adhere to County, State, and Federal guidelines for noise, air, and water pollution.</p>			
<p>Objective B. To preserve and enhance natural landmarks and scenic views of O'ahu for the benefit of both residents and visitors as well as future generations.</p>			
1. Protect the Island's significant natural resources: its mountains and craters; forests and watershed areas; wetlands, rivers, and streams; shorelines, fishponds, and bays; and reefs and offshore islands.			X
2. Protect O'ahu's scenic views, especially those seen from highly developed and heavily traveled areas.	X		
3. Locate and design public facilities, infrastructure, and utilities to minimize the obstruction of scenic views.	X		
4. Protect and expand public access to the natural and coastal environment for recreational, educational, and cultural purposes, and maintain access in a way that does not damage natural, historic, or cultural resources.	X		
<p>Discussion: The Proposed Project will support Objective B of Section III of the City and County of Honolulu General Plan related to the natural environment.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p> <p>Moreover, the Proposed Project will support the goals of the State to achieve a strong and viable economy through the creation of construction, construction support jobs, and the purchase of local materials during development. Additionally, the Proposed Project will generate employment opportunities during the operation and maintenance of the Proposed Project which will contribute to not only the cultural vibrancy of the area but also the economic prosperity of the State.</p>			

IV. HOUSING AND COMMUNITIES			
Objective A. To ensure a balanced mix of housing opportunities and choices for all residents at prices they can afford.			
1. Support programs, policies, and strategies that will provide decent and affordable homes for local residents, especially those in the lowest income brackets.			X
2. Streamline approval and permit procedures, in a transparent manner, for housing and other development projects.			X
3. Encourage innovative residential developments that result in lower costs, sustainable use of resources, more efficient use of land and infrastructure, greater convenience and privacy, and a distinct community identity.			X
4. Support and encourage programs to maintain and improve the condition of existing housing.			X
5. Make full use of government programs that provide assistance for low- and moderate-income renters and homebuyers.			X
6. Maximize local funding programs available for affordable housing.			X
7. Provide financial and other incentives to encourage the private sector to build homes for low- and moderate-income residents.			X
8. Encourage and participate in joint public-private development of low- and moderate- income housing.			X
9. Encourage the replacement of low- and moderate-income housing in areas which are being redeveloped at higher densities.			X
10. Promote the design and construction of dwellings which take advantage of O'ahu's year-round moderate climate and use other sustainable design techniques.			X
11. Encourage the construction of affordable homes within established low-density and rural communities by such means as 'ohana units, duplex dwellings, and cluster development that embraces the 'ohana concept by maintaining multi-generational proximity for local families			X
12. Promote higher-density, mixed-use development where appropriate, including rail transit-oriented development, to increase the supply of affordable and market housing in convenient proximity to jobs, schools, shops, and public transit.			X
13. Encourage the production and maintenance of affordable rental housing.			X
14. Encourage the provision of affordable housing designed for the elderly and people with disabilities in locations convenient to critical services and to public transit.			X
15. Encourage equitable relationships between landowners and leaseholders, between landlords and tenants, and between condominium developers and owners.			X
16. Support collaborative partnerships that work toward immediate solutions to house and service homeless populations and also toward long-term strategies to prevent and eliminate homelessness.			X
17. Support programs to address all facets of homelessness, so that every homeless person has a place to stay, along with the infrastructure and support services that are needed.			X
Discussion: The Proposed Project will not impact Objective A of Section IV of the City and County of Honolulu General Plan related to housing.			
Objective B. To minimize speculation in land and housing.			

1. Encourage the State government to coordinate its urban-area designations with the developmental policies of the City.			X
2. Discourage speculation in lands outside of areas planned for urban use, reduce the prevalence of vacant dwelling units, and reduce the use of residential dwelling units for short-term vacation rentals			X
3. Seek public benefits from increases in the value of land owing to City and State developmental policies and decisions.			X
4. Require government-assisted housing to be delivered to qualified purchasers and renters.			X
5. Ensure that owners of housing properties, including government-subsidized housing, maintain housing affordability over the long term			X
Discussion: The Proposed Project will not impact Objective B of Section IV of the City and County of Honolulu General Plan related to housing.			
Objective C. To provide residents with a choice of living environments that are reasonably close to employment, schools, recreation, and commercial centers, and that are adequately served by transportation networks and public utilities.			
1. Ensure that residential developments offer affordable housing to people of different income levels and to families of various sizes to alleviate the existing condition of overcrowding.			X
2. Encourage the fair distribution of low- and moderate-income housing throughout the island.			X
3. Encourage the co-location of residential development and employment centers with commercial, educational, social, and recreational amenities in the development of desirable communities.			X
4. Encourage residential development in suburban areas where existing roads, utilities, and other community facilities are not being used to capacity, and in urban areas where higher densities may be readily accommodated			X
5. Support mixed-use development and higher-density redevelopment in areas surrounding rail transit stations.			X
6. Discourage residential development in areas where the topography makes construction difficult or hazardous, where sea level rise and flooding are a hazard, and where providing and maintaining roads, utilities, and other facilities would be extremely costly or environmentally damaging.			X
7. Encourage public and private investments in older communities as needed to keep the communities vibrant and livable.			X
8. Encourage the military to provide housing for active-duty personnel and their families on military bases and in areas turned over to military housing contractors.			X
Discussion: The Proposed Project will not impact Objective C of Section IV of the City and County of Honolulu General Plan related to housing.			
V. Transportation & Utilities			
Objective A. To create a multi-modal transportation system that moves people and goods safely, efficiently, and at a reasonable cost and minimizes fossil fuel consumption and greenhouse gas emissions; serves all users, including limited income, elderly, and disabled populations; and is integrated with existing and planned development.			
1. Develop a comprehensive, well-connected, and integrated ground transportation system that reduces carbon emissions and enables safe, comfortable, and convenient travel for all users, including motorists, pedestrians, bicyclists, and public transportation users of all ages and abilities			X

2. Provide multi-modal transportation services to people living within the 'Ewa, Central O'ahu, and Pearl City-Hawai'i Kai corridors primarily through a mass transit system including exclusive right-of-way rail transit and feeder-bus components as well as through the existing highway system.			X
3. Provide multi-modal transportation services outside the 'Ewa, Central O'ahu, and Pearl City-Hawai'i Kai corridors primarily through a system of express- and feeder-buses as well as through the highway system with limited to moderate improvements sufficient to meet the needs of the communities being served.			X
4. Work with the State to ensure adequate and safe access for communities served by O'ahu's coastal highway system, and to plan for the relocation of highways and roads subject to sea level rise away from coastlines			X
5. Support the rail transit system as the transportation spine for the urban core, with links to the airport and maritime terminals, which will work together with other alternative modes of transit and transit-oriented development to reduce automobile dependency and increase multi-modal travel.			X
6. Support the development of transportation plans, programs, and facilities that are based on Complete Streets features. Maintain and improve road, bicycle, pedestrian, and micromobility facilities in existing communities to eliminate unsafe conditions.			X
7. Design street networks to incorporate greater roadway and pathway connectivity.			X
8. Make transportation services safe and accessible to people with limited mobility: the young, elderly, disabled, and those with limited incomes			X
9. Consider environmental, social, cultural, and climate change and natural hazard impacts, as well as construction and operating costs, as important factors in planning transportation system improvements			X
10. Reduce traffic congestion and maximize the efficient use of transportation resources by pursuing transportation demand management strategies such as carpooling, telecommuting, flexible work schedules, and incentives to use alternative travel modes.	X		
11. Enhance pedestrian-friendly and bicycle-friendly travel via public and private programs and improvements.			X
12. Maintain separate aviation facilities for general aviation operations to supplement the capacity of the Daniel K. Inouye International Airport.			X
13. Support improvements to Kalaeloa Barbers Point Harbor as O'ahu's second deep-water harbor.			X
14. Support the operation, maintenance, and improvement of Honolulu Harbor as O'ahu's primary cargo and ocean transportation hub.			X
15. Advance the transition to electric and alternative fuel infrastructure to provide adequate and accessible charging spaces and renewal fueling stations for ground transportation on O'ahu.			X
<p>Discussion: The Proposed Project will support Objective A of Section V of the City and County of Honolulu General Plan related to transportation and utilities.</p> <p>The Proposed Project aims to promote the utilization of both public and private modes of transportation, along with various transportation systems including The Bus, Skyline Rail, and Trolley, to facilitate access to the Project Site. This initiative is anticipated to enhance accessibility and connectivity while encouraging commuters to opt for sustainable transportation options.</p>			
<p>Objective B. Provide an adequate supply of water and environmentally sound systems of waste disposal for O'ahu's existing population and for generations and support a one water approach that uses and manages freshwater, wastewater, and stormwater resources in an integrated manner.</p>			

1. Develop and maintain an adequate, safe, and reliable supply of fresh water in a cost-effective way that supports the long-term sustainability of the resource and considers the impacts of climate change			X
2. Help to develop and maintain an adequate, safe, and reliable supply of water for agricultural and industrial needs in a resource-integrated and cost-effective way that supports the long-term health of the resource.			X
3. Use technologies that provide water, waste disposal, and recycling services at a reasonable cost and in a manner that addresses environmental and community impacts.	X		
4. Encourage the increased availability and use of recycled or brackish water to meet non potable demands.			X
5. Pursue strategies and programs to reduce the per capita consumption of water and the per capita production of waste.			X
6. Provide safe, reliable, efficient, and environmentally sound waste-collection, waste-disposal, and recycling services that consider the near- and long-term impacts of climate change during the siting and construction of new facilities.	X		
7. Pursue programs to expand on-island recycling and resource recovery from O'ahu's solid-waste and wastewater streams.			X
8. Support initiatives that educate the community about the importance of conserving resources and reducing waste streams through reduction, reuse, and recycling.			X
9. Require the safe use and disposal of hazardous materials.			X
Discussion: The Proposed Project will comply with Objective B of Section V of the City and County of Honolulu General Plan related to water resources.			
The Applicant will coordinate with the BWS to ensure there is adequate water source, storage, and delivery to service the Proposed Project. Upon finalization of the design, BWS will determine if the current municipal water system is adequate to accommodate the demand generated by the Proposed Project. Additionally, it is assumed that modern designs for the management of water resources would be incorporated to complement the Proposed Project.			
Objective C. To ensure reliable, cost-effective, and responsive service for all utilities with equitable access for residents			
1. Maintain and upgrade utility systems in order to avoid major breakdowns and service interruptions.			X
2. Provide improvements to utilities in existing neighborhoods to reduce substandard conditions, and increase resilience to use fluctuations, natural hazards, extreme weather, and other climate impacts.			X
3. Facilitate timely and orderly upgrades and expansions of utility systems.			X
4. Increase the efficiency of public-serving utilities by encouraging a mixture of uses with peak periods of demand aligning with the availability of resources.			X
Discussion: The Proposed Project will not impact Objective C of Section V of the City and County of Honolulu General Plan related to transportation and utilities.			
Objective D. To maintain transportation and utility systems which support O'ahu as a desirable place to live and visit.			
1. Provide adequate resources to ensure the maintenance and improvement of transportation systems and utilities.			X
2. Evaluate the social, cultural, economic, and environmental impact of additions to the transportation and utility systems before they are constructed.			X
3. Require the installation of underground utility lines wherever feasible.			X

4. Seek improved taxing powers for the City in order to provide a more equitable means of financing transportation and utility services.			X
5. Evaluate impacts of sea level rise on existing public infrastructure, especially sewage treatment plants, roads, and other public and private utilities located along or near O'ahu's coastal areas and avoid the placement of future public infrastructure in threatened areas.			X
Discussion: The Proposed Project will not impact Objective D of Section V of the City and County of Honolulu General Plan related to transportation and utilities.			
VI. Energy			
Objective A. To increase energy self-sufficiency through renewable energy and maintain an efficient, reliable, resilient, and cost-efficient energy system.			
1. Encourage the implementation of a comprehensive plan to guide and coordinate energy conservation and renewable energy development and utilization programs.			X
2. Support and encourage programs and projects, including economic incentives, regulatory measures, and educational efforts, and seek to eliminate O'ahu's dependence on fossil fuels.			X
3. Ensure access to an adequate reserve of fuel and energy supplies to aid disaster response and recovery			X
4. Support the increased use of solid waste energy recovery and other biomass energy conversion systems			X
5. Support and participate in research, development, demonstration, commercialization, and optimization programs aimed at developing cost-effective and environmentally sound renewable energy supplies.			X
6. Support State and federal initiatives to utilize renewable energy sources.			X
7. Manage resources and development of communities in line with long-term efficiency and sustainability goals and targets in the areas of energy, carbon emissions, waste streams, all utilities, and food security			X
8. Encourage and equitably incentivize the use of commercially available renewable energy systems in public facilities, institutions, residences, and business developments.			X
9. Consider health, safety, environmental, cultural, and aesthetic impacts, as well as resource limitations, land use patterns, and relative costs in all major decisions on renewable energy.			X
10. Work closely with the State and federal governments in the formulation and implementation of all City energy-related programs and regulations, including updating building energy codes.			X
Discussion: The Proposed Project is not directly applicable to Objective A of Section VI of the City and County of Honolulu General Plan related to energy.			
Objective B. To conserve energy through the more efficient management of its use and through more energy-efficient technologies.			
1. Ensure that the efficient use of energy is a primary factor in the preparation and administration of land use plans and regulations.			X
2. Provide incentives and, where appropriate, mandatory controls to achieve energy-efficient and sustainable siting and design of new developments. Support the increased use of nationally recognized energy efficiency and resource conservation rating and certification systems.			X
3. Provide incentives and, where appropriate, mandatory controls to reduce energy consumption in existing buildings and outdoor facilities, and in design and construction practices.			X

4. Promote the development of a multi-modal transportation system that minimizes and seeks to eliminate fossil fuel consumption and greenhouse gas emissions.			X
5. Encourage the implementation of an adaptable and reliable electrical grid, energy transmission, energy storage, microgrids, and energy generation technologies.			X
6. Support the availability and use of energy efficient vehicles, especially hybrid, fuel cell, and pure electrical vehicles.			X
Discussion: The Proposed Project will not directly impact Objective B of Section VI of the City and County of Honolulu General Plan related to energy.			
The Proposed Project aims to promote the utilization of both public and private modes of transportation, along with various transportation systems including The Bus, Skyline Rail, and Trolley, to facilitate access to the Project Site. This initiative is anticipated to enhance accessibility and connectivity while encouraging commuters to opt for sustainable transportation options.			
Objective C. To foster an ethic of energy conservation that inspires residents to engage in sustainable practices			
1. Provide citizens with the information they need to fully understand severe climate change, supply chain issues, costs, security, and other issues associated with O'ahu's dependence on imported fossil fuels.			X
2. Increase consumer awareness of available renewable energy sources and their costs and benefits			X
3. Provide information concerning the impact of public and private decisions on future energy generation, transmission, storage, and use.			X
4. Provide communities with timely, relevant, and accurate information concerning renewable energy facilities proposed in their area and ensure adequate buffer zones required for health or safety.			X
Discussion: The Proposed Project will not directly impact Objective C of Section VI of the City and County of Honolulu General Plan related to energy.			
VII. Physical Development and Urban Design			
Objective A. To coordinate changes in the physical environment of O'ahu to ensure that all new developments are timely, well-designed, and appropriate for the areas in which they will be located.			
1. Provide infrastructure improvements to serve new growth areas, redevelopment areas, and areas with badly deteriorating infrastructure.	X		
2. Coordinate the location and timing of new development with the availability of adequate water supply, sewage treatment, drainage, transportation, and other public facilities and services.	X		
3. Require new developments to provide or pay the cost of all essential community services, including roads, utilities, schools, parks, and emergency facilities that are intended to directly serve the development.			X
4. Facilitate and encourage compact, higher-density development in urban areas designated for such uses.	X		
5. Encourage the establishment of mixed-use town centers that are compatible with the physical and social character of their community	X		
6. Facilitate transit-oriented development in rail transit station areas to create live/work/play multi-modal communities that reduce travel and traffic congestion			X
7. Encourage the clustering of development to reduce the cost of providing utilities and other public services.			X
8. Locate new industries and new commercial areas so that they will be well-related to their markets and suppliers, and to residential areas and transportation facilities			X

9. Locate community facilities on sites that will be convenient to the people they are intended to serve			X
10. Discourage uses which are major sources of noise, air, and light pollution			X
11. Implement siting and design solutions that seek to reduce exposure to natural hazards, including those related to climate change, flooding, and sea level rise.	X		
12. Prohibit new airfields, high-powered electromagnetic-radiation sources, and storage places for fuel and explosives from locating on sites where they will endanger or disrupt nearby communities.			X
13. Promote opportunities for the community to participate meaningfully in planning and development processes, including new forms of communication and social media.			X
<p>Discussion: The Proposed Project will support Objective A of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.</p> <p>The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.</p> <p>Moreover, the Project Site is situated within the existing urban context and has access to existing infrastructure in regard to utilities.</p>			
<p>Objective B. To plan and prepare for the long-term physical impacts of climate change.</p>			
1. Integrate climate change adaptation into the planning, design, and construction of all significant improvements to and development of the built environment.	X		
2. Coordinate plans in the private and public sectors that support research, monitoring, and educational programs on climate change.			X
3. Prepare for the anticipated impacts of climate change and sea level rise on existing communities and facilities through mitigation, adaptation, managed retreat, or other measures in exposed areas	X		
<p>Discussion: The Proposed Project will support Objective B of Section VII of the City and County of Honolulu General Plan related to climate change.</p> <p>The Proposed Project will be appropriately designed to take into consideration the context of the surrounding environment and are not anticipated to significantly influence or affect temperatures, wind, or rainfall levels at the Project Site or within the greater region.</p>			
<p>Objective C. To develop Honolulu (Waialae-Kahala to Halawa), Aiea, and Pearl City as the Island's primary urban center.</p>			
1. Provide downtown Honolulu and other major business centers with a well-balanced mixture of uses.			X
2. Encourage the development of attractive residential communities downtown and other business centers.			X
3. Maintain and improve downtown as the financial and office center of the island, and as a major retail center			X
4. Provide for the continued viability of the Hawai'i Capital District as a center of government activities and as an attractive park-like setting in the heart of the city.			X
5. Encourage the development of attractive residential communities downtown and other business centers.			X
6. Foster the development of Honolulu's waterfront as the State's major port and maritime center, as a people-oriented mixed-use area, and as a major recreation area with accommodation for sea level rise.	X		

Discussion: The Proposed Project will support Objective B of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.			
The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.			
Moreover, the Proposed Project will be appropriately designed to take into consideration the context of the surrounding environment and accommodate for sea level rise.			
Objective D. To develop a secondary urban center in Ewa with its nucleus in the Kapolei area.			
1. Support public projects that are needed to facilitate development of the secondary urban center at Kapolei.			X
2. Encourage the development of a major residential, commercial, and employment center within the secondary urban center at Kapolei.			X
3. Encourage the continuing development of the area encompassing Campbell Industrial Park, Kalaeloa Barbers Point Harbor, and West Kapolei as a major industrial center.			X
4. Coordinate plans for the development of the secondary urban center at Kapolei with the State and federal governments, major landowners and developers, and the community.			X
5. Cooperate with the State and federal governments in the improvements to the deep-water harbor at Kalaeloa Barbers Point.			X
6. Encourage the development of the Ocean Pointe/Hoakalei Communities as a major residential and recreation area emphasizing recreational activities and a waterfront commercial center containing light-industrial, commercial, and visitor accommodation uses.			X
Discussion: The Proposed Project will not impact Objective C of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.			
Objective E. To maintain those development characteristics in the urban-fringe and rural areas which make them desirable places to live.			
1. Develop and maintain urban-fringe areas as predominantly residential areas characterized by generally lower-rise, lower-density development which may include significant levels of retail and service commercial uses as well as satellite institutional and public uses geared to serving the needs of households.			X
2. Coordinate plans for developments within the 'Ewa and Central O'ahu urban-fringe areas with the State and federal governments, major landowners and developers, agricultural industries, and the community.			X
3. Maintain a "green belt" of open space and agricultural land around developed communities in the 'Ewa and Central O'ahu areas of O'ahu.			X
4. Maintain rural areas that reflect an open and scenic setting, dominated by small to moderate size agricultural pursuits, with small towns of low-density and low-rise character, and which allows modest growth opportunities tailored to address area residents' future needs			X
5. Encourage the development of a variety of housing choices including affordable housing in rural communities, to give people the choice to continue to live in the community that they were raised in.			X
6. Ensure the social and economic vitality of rural communities by supporting infill development and modest increases in heights and densities around existing rural town areas where feasible to maintain an adequate supply of housing for future generations.			X

Discussion: The Proposed Project will not impact Objective E of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.			
Objective F. To create and maintain attractive, meaningful, and stimulating environments throughout O'ahu.			
1. Encourage distinctive community identities for both new and existing communities and neighborhoods.			X
2. Require the consideration of urban design principles in all development projects.			X
3. Require developments in stable, established communities and rural areas to be compatible with the existing communities and areas			X
4. Provide design guidelines and controls that will allow more compact development and intensive use of lands in the primary urban center and along the rail transit corridor.			X
5. Seek to protect residents' quality of life and to maintain the integrity of neighborhoods by strengthening regulatory and enforcement strategies that address the presence of inappropriate non-residential activities.	X		
6. Promote public and private programs to beautify the urban and rural environments.			X
7. Design public structures to meet high aesthetic and functional standards and to complement the physical character of the communities they will serve.	X		
8. Design public street networks to be safe and accessible for users of all ages and abilities, to accommodate multiple modes of travel to be visually attractive and to support sustainable ecological processes, such as stormwater infiltration.			X
9. Recognize the importance of using Native Hawaiian plants in landscaping to further the traditional Hawaiian concept of mālama 'āina and to create a more Hawaiian sense of place.	X		
Discussion: The Proposed Project will support Objective E of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.			
The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.			
Objective G. To promote and enhance the social and physical character of O'ahu's older towns and neighborhoods.			
1. Encourage new construction in established areas to be compatible with the character and cultural values of the surrounding community.	X		
2. Encourage, wherever desirable, the rehabilitation of existing substandard structures.			X
3. Provide and maintain roads, public facilities, and utilities without damaging the character of older communities			X
4. Seek the satisfactory relocation of residents before permitting their displacement by new development, redevelopment, or neighborhood rehabilitation.			X
5. Acknowledge the cultural and historical significance of kuleana lands, the ancestral ownership of kuleana lands, and promote policies that preserve and protect kuleana lands.	X		
6. Support and encourage cohesive neighborhoods which foster interactions among neighbors, promote vibrant community life, and enhance livability.	X		
Discussion: The Proposed Project will support Objective F of Section VII of the City and County of Honolulu General Plan related to physical development and urban design.			

The design team will need to consider how the Proposed Project can complement the surrounding area to comply with the policies and guidelines stated above and be consistent with the Honolulu Waterfront Master Plan and the ATDC development goals.

VIII. Public Safety			
Objective A. To prevent and control crime and maintain public order.			
1. Provide a safe environment for residents and visitors on O’ahu.			X
2. Provide adequate, safe, and secure criminal justice facilities.			X
3. Provide adequate training, staffing, and support for City public safety agencies.			X
4. Emphasize improvements to police and prosecution operations which will result in a higher proportion of wrongdoers who are arrested, convicted, and punished for their crimes.			X
5. Support policies and programs that expand access to treatment, rehabilitation, and reentry programs for adult and juvenile offenders			X
6. Keep the public informed of the nature and extent of criminal activity on O’ahu.			X
7. Establish and maintain programs to encourage public cooperation in the prevention and solution of crimes and promote strong community-police relationships.			X
8. Seek the help of State and federal law-enforcement agencies to curtail the activities of organized crime syndicates on O’ahu.			X
9. Conduct periodic reviews of criminal laws to ensure their relevance to the community's needs and values.			X
10. Cooperate with other law-enforcement agencies to develop new methods of addressing crime. Support communication and coordination across federal, State and City law enforcement and corrections agencies.			X
11. Encourage the improvement of rehabilitation programs and facilities for criminals and juvenile offenders.			X
Discussion: The Proposed Project will not impact Objective A of Section VIII of the City and County of Honolulu General Plan related to public safety.			
Objective B. To protect residents and visitors and their property against natural disasters and other emergencies, traffic and fire hazards, and unsafe conditions			
1. Keep up-to-date and enforce all City and County safety regulations.	X		
2. Require all developments in areas subject to floods and tsunamis, and coastal erosion to be located and constructed in a manner that will not create any health or safety hazards or cause harm to natural and public resources.	X		
3. Participate with State and federal agencies in the funding and construction of flood control projects, and prioritize the use of ecologically sensitive flood-control strategies whenever feasible.			X
4. Collaborate with State and federal agencies to provide emergency warnings, protection, mitigation, response, and recovery, during and after major emergencies such as tsunamis, hurricanes, and other high-hazard events.			X
5. Cooperate with State and federal agencies to provide protection from war, civil disruptions, pandemics, and other major disturbances.			X
6. Reduce hazardous traffic conditions.			X
7. Provide adequate resources to effectively prepare for and respond to natural and manmade threats to public safety, property, and the environment.			X
8. Foster disaster-ready communities and households through implementation of resilience hubs and other resiliency strategies.			X

9. Plan for the impacts of climate change and sea level rise on public safety, in order to minimize potential future hazards.	X		
10. Develop emergency management plans, policies, programs, and procedures to protect and promote public health, safety, and welfare of the people.			X
11. Provide educational materials on emergency management preparedness, fire protection, traffic hazards, and other unsafe conditions			X
<p>Discussion: The Proposed Project will support Objective B of Section VIII of the City and County of Honolulu General Plan related to public safety.</p> <p>The Proposed Project will be conducted following all building codes and OSHA/HIOSH standards to ensure the security of public health and safety are protected during construction and through day-to-day operations.</p>			
IX. Health and Education			
Objective A. To protect the health and well-being of residents and visitors.			
1. Encourage the provision of health-care facilities that are accessible to both employment and residential centers.			X
2. Provide prompt and adequate ambulance and first-aid services in all areas of O'ahu.			X
3. Coordinate City health codes and other regulations with State and federal health codes to facilitate the enforcement of air-, water-, and noise-pollution controls.			X
4. Integrate public health concerns such as air and water pollution as a consideration in land use planning decisions.			X
5. Encourage healthy lifestyles by supporting opportunities that increase access to and promote consumption of fresh, locally grown foods.			X
6. Encourage healthy lifestyles through walkable and livable communities, safe street crossings, safe routes to schools, and parks and pathways for pedestrians and bicyclists.			X
7. Support efforts to make healthcare accessible and affordable for everyone.			X
8. Support efforts to improve and expand access to mental health, drug treatment, community-based programs, and other similar programs for those requiring such services.			X
9. Support becoming an age-friendly city that provides people of all ages with user-friendly parks and other public gathering places, that offers safe streets and multi-modal transportation options, that provides an adequate supply of affordable housing, that encourages growth in needed and desirable jobs, that provides quality healthcare and support services, and that encourages civic participation, social inclusion, and respect between interest groups.	X		
10. Plan for our aging population's growing healthcare, personal service, and diverse daily activity needs, and encourage these services to be provided in a timely manner, including age-specific social activities.			X
<p>Discussion: The Proposed Project will not impact Objective A of Section IX of the City and County of Honolulu General Plan related to health and education.</p> <p>The Proposed Project will, however, function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.</p> <p>Additionally, The Proposed Project aims to promote the utilization of both public and private modes of transportation, along with various transportation systems including The Bus, Skyline Rail, and Trolley, to facilitate</p>			

access to the Project Site. This initiative is anticipated to enhance accessibility and connectivity while encouraging commuters to opt for sustainable transportation options.			
Objective B. To provide a wide range of educational opportunities for the people of O’ahu.			
1. Support education programs that encourage the development of employable skills.	X		
2. Encourage the provision of informal educational programs for people of all age groups.			X
3. Encourage the after-hours use of school buildings, grounds, and facilities.			X
4. Encourage the construction of school facilities that are designed for flexibility and high levels of use			X
5. Facilitate the appropriate location of childcare facilities as well as learning institutions from preschool through the university levels.			X
6. Encourage outdoor learning opportunities and venues that reflect our unique natural environment and Native Hawaiian culture.			X
<p>Discussion: The Proposed Project will support Objective B of Section IX of the City and County General Plan related to health and education.</p> <p>The Proposed Project will function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.</p>			
Objective C. To make Honolulu the center of higher education in the Pacific.			
1. Encourage continuing improvement in the quality of higher education in Hawai’i, as well as ways to make higher education more affordable.			X
2. Encourage the development of diverse opportunities in higher education.			X
3. Encourage research institutions to establish branches on O’ahu.			X
4. Establish Honolulu as a knowledge center and international Pacific crossroads hub.			X
<p>Discussion: The Proposed Project will support impact Objective C of Section IX of the City and County of Honolulu General Plan related to higher education.</p> <p>The Proposed Project will function as an educational hub catering to students, tourists, artists, and the general public. The Proposed Project will institute programs specifically crafted to impart knowledge about art and the science of glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive education experience in these fields. Additionally, the Proposed Project will offer a range of classes, demonstrations, and excursions, inviting visitors and residents to participate and enhance their understanding of art and glass artistry.</p>			
X. Culture and Recreation			
Objective A. To foster the multiethnic culture of Hawai’i and respect the host culture of the Native Hawaiian people.			
1. Recognize the Native Hawaiian host culture, including its customs, language, history, and close connection to the natural environment, as a dynamic, living culture and as an integral part of O’ahu’s way of life.			X
2. Promote the preservation and enhancement of local cultures, values, and traditions.	X		
3. Encourage greater public awareness, understanding, and appreciation of the cultural heritage and contributions to Hawai’i made by O’ahu’s various ethnic groups.			X

4. Foster equity and increased opportunities for positive interaction among people with different ethnic, social, and cultural backgrounds.			X
5. Preserve the identities of the historical communities of O'ahu.	X		
<p>Discussion: The Proposed Project will support Objective A of Section X of the City and County of Honolulu General Plan related to culture and recreation.</p> <p>As described in Sections 3.6 (Historic and Archaeological Resources) and 3.6.1 (Cultural Resources), there are no known or identified cultural, historic, architectural, and archaeological resources at the Project Site, which has been heavily disturbed.</p> <p>It is unlikely that the Proposed Project would adversely impact resources currently located on the property or in adjacent areas. Should any unidentified resources be encountered during construction, all work will cease, and the State Historic Preservation Office will be contacted for review and approval of mitigation measures.</p>			
<p>Objective B. To protect, preserve and enhance O'ahu's cultural, historic, architectural, and archaeological resources.</p>			
1. Promote the restoration and preservation of early Hawaiian structures, artifacts, and landmarks.	X		
2. Identify and, to the extent possible, preserve and restore buildings, sites, and areas of social, cultural, historic, architectural, and archaeological significance.	X		
3. Cooperate with the State and federal governments in developing and implementing a comprehensive preservation program for social, cultural, historic, architectural, and archaeological resources.			X
4. Promote the interpretive and educational use of cultural, historic, architectural, and archaeological sites, buildings, and artifacts			X
5. Seek public and private funds, and encourage public participation and support, to protect, preserve and enhance social, cultural, historic, architectural, and archaeological resources.			X
6. Provide incentives for the restoration, preservation, maintenance, and enhancement of social, cultural, historic, architectural, and archaeological resources.			X
7. Encourage the protection of areas that are historically important to Native Hawaiian cultural practices and to the cultural practices of other ethnicities, in order to further preserve and continue these practices for future generations.	X		
<p>Discussion: The Proposed Project will support Objective B of Section X of the City and County of Honolulu General Plan related to culture and recreation.</p> <p>As described in Section 3.6 (Historic and Archaeological Resources) and 3.6.1(Cultural Resources), there are no known or identified cultural, historic, architectural, and archaeological resources at the Project Site, which has been heavily disturbed.</p> <p>It is unlikely that the Proposed Project would adversely impact resources currently located on the property or in adjacent areas. Should any unidentified resources be encountered during construction, all work will cease, and the State Historic Preservation Office will be contacted for review and approval of mitigation measures.</p>			
<p>Objective C. To foster the visual and performing arts.</p>			
1. Encourage and support programs and activities for the visual and performing arts.			X
2. Encourage creative expression and access to the arts by all segments of the population.	X		
3. Provide permanent art in appropriate City public buildings and places.			X
<p>Discussion: The Proposed Project will not impact Objective C of Section X of the City and County of Honolulu General Plan related to culture and recreation.</p>			

The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.			
Objective D. To provide a wide range of recreational facilities and services that are readily available to residents and visitors alike, and to balance access to natural areas with the protection of those areas.			
1. Develop, maintain, and expand a community-based park system to meet the needs of the diverse communities on O'ahu.			X
2. Develop, maintain, and expand a system of regional parks and specialized recreation facilities, based on the cumulative demand of residents and visitors.			X
3. Develop, maintain, and improve urban parks, squares, and beautification areas in high-density urban place			X
4. Encourage public and private natural reserves and botanical and zoological parks to foster greater awareness and appreciation of the natural environment.			X
5. Encourage the State to develop, improve, and maintain a system of natural resource-based parks, such as beach, shoreline, and mountain parks.			X
6. Ensure that public recreational facilities balance the demand for facilities against capital and operating cost constraints so that they are adequately sized and properly maintained.			X
7. Ensure and maintain convenient and safe access to beaches, ocean environments and mauka recreation areas in a manner that protects natural and cultural resources.			X
8. Encourage ocean and water-oriented recreation activities that do not adversely impact the natural environment and cultural assets, or result in overcrowding or overuse of beaches, shoreline areas and the ocean.			X
9. Require all new developments to provide their residents with adequate recreation space.			X
10. Utilize our unique natural environment in a responsible way to promote cultural events and activities and maintain cultural practices.			X
11. Encourage the after-hours, weekend, and summertime use of public-school facilities for recreation			X
12. Provide for safe and secure use of public parks, beaches, and recreation facilities.			X
13. Create and promote recreational venues for kūpuna and keiki and for kama'āina and malihini.			X
14. Encourage the State and federal governments to transfer excess and underutilized land to the City for public recreation use.			X
Discussion: The Proposed Project will not impact Objective D of Section X of the City and County General Plan related to health and education.			
XI. Government Operations and Fiscal Management			
Objective A. To promote increased efficiency, effectiveness, and responsiveness in the provision of government services by the City and County of Honolulu.			
1. Maintain and adequately fund City government services at the level necessary to be effective.			X
2. Promote alignment and consolidation of State and City functions whenever more efficient and effective delivery of government programs and services may be achieved			X
3. Ensure that government attitudes, actions, and services are sensitive to community needs and concerns, and held accountable to the public trust			X

4. Sufficiently fund and staff the timely preparation, maintenance, and update of public policies and plans to guide and coordinate City programs and regulatory responsibilities.			X
5. Expand the adoption of technology across all City agencies to achieve greater transparency, efficiency, and accountability to the general public throughout government operations.			X
Discussion: The Proposed Project will not impact Objective A of Section XI of the City and County of Honolulu General Plan related to government operations and fiscal management.			
Objective B. To ensure fiscal integrity, responsibility, and efficiency by the City and County government in carrying out its responsibilities.			
1. Provide for a balanced budget.			X
2. Allocate fiscal resources of the City and County to efficiently implement the policies of the General Plan and Development Plans.			X
3. Ensure accountability and transparency in government operations.			X
Discussion: The Proposed Project will not impact Objective B of Section XI of the City and County of Honolulu General Plan related to government operations and fiscal management.			
Objective C. To achieve equitable outcomes for City programs, policies, and allocation of resources throughout the O'ahu community.			
1. Promote policies that actively address and eliminate disparate outcomes for historically underserved communities.			X
2. Seek equitable distribution of City investments towards promoting employment opportunities, infrastructure, and other community benefits appropriate to the community needs and proportionate to the population size.			X
3. Promote adherence to processes that advance procedural, distributional, structural, intergenerational, and cultural equity within the City.			X
4. Provide resources for City employees to understand and actively advance equity solutions within all agencies of City government.			X
Discussion: The Proposed Project will not impact Objective B of Section XI of the City and County of Honolulu General Plan related to government operations and fiscal management.			

4.2.2 Primary Urban Center Development Plan

The Proposed Project is located within the Primacy Urban Center (PUC) Development Plan (DP) area, which extends from Downtown Honolulu to Pearl City in the west to Wai'alaie-Kahala in the east. The PUC is home to almost half of O'ahu's population and three quarters of all jobs. The PUCDP (2004) provides a vision for the PUC in the areas of land use, transportation, infrastructure, and public facilities. It also provides policies and guidelines for achieving that vision. The Proposed Project is consistent with the guidelines, policies, and principles contained in the PUCDP as outlined in Table 4-7.

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
3. Land Use and Transportation			
3.1 Protecting and Enhancing Natural, Cultural, and Scenic Resources			
3.1.2 Policies			
1. Preserve historic and cultural sites. Preserve and protect sites that have high preservation value because of their good condition or unique features. Protection includes planning and design of adjacent uses to avoid conflicts or abrupt contrasts that detract from or destroy the physical integrity and historic or cultural value of the site. Retain, whenever possible, significant vistas associated	X		

Table 4-7: Primary Urban Center Development Plan			
	S	NS	N/A
with historic, natural and man-made features. Allow adaptive reuse of historic buildings to serve a new function and/or enhance interpretive value without destroying the historic value of a site.			
2. Preserve and protect natural resources and constraint areas. Establish an Urban Community Boundary to define the area for urban development. Place large contiguous areas of natural resource and constraint areas designated for Preservation, including all lands within the State Conservation District, outside of the Urban Community Boundary.			X
3. Preserve panoramic views of natural landmarks and the urban skyline. Preserve views of the Koolau and Waianae Mountain Ranges, Punchbowl, Diamond Head, Pearl Harbor and other natural landmarks. Maintain important view corridors within and across urban Honolulu and keep Downtown as the most prominent feature of the urban skyline. Views along the Pearl Harbor shoreline and the Pearl Harbor Historic Trail toward the mountains, shoreline, significant landmarks, and adjacent communities should be created and maximized wherever possible and appropriate.	X		
4. Improve access to shoreline and mountain areas. Provide continuous lateral access along the Honolulu waterfront and around the East Loch of Pearl Harbor, where urban activity is most intense. Maintain access to mountain hiking trails and increase opportunities for nature education and camping.			X
5. Provide parks and active recreation areas. Develop and maintain parks and other outdoor public spaces in a manner that expands opportunities for both active and passive recreation. Increase and enhance recreational open space in the most densely settled parts of the PUC.			X
<p>Discussion: The Proposed Project will support natural, cultural, and scenic resources related to Section 3.1.2 of the PUCDP.</p> <p>As discussed in Section 3.11 (Visual Resources) the Proposed Project is not expected to have an impact on the objectives and policies for the physical environment – scenic, natural beauty, and visual resources. The visual characteristics of the Proposed Project align with the urban setting of Honolulu and its surrounding area which includes high-rise and mid-size structures that accommodate scenic resources such as the Ko’olau Mountain Range and Honolulu Harbor.</p> <p>Moreover, the Proposed Project is expected to embrace and celebrate creativity and arts, with a central emphasis on a comprehensive commitment to thoughtful and adaptive reuse. The renovated Honolulu Power Plant is anticipated to be designed in a manner that preserves its outer shell and historic architectural features. In essence, the Proposed Project will be designed in a way that respects the physical integrity, scenic views, and historic / cultural value of the Project Site and its surrounding vicinity</p>			
3.2 Neighborhood Planning and Improvement			
3.2.2 Policies			
3.2.2.1 Neighborhood Planning			
1. Develop a system for collaborative neighborhood planning. Planning for neighborhood improvement must be undertaken at the neighborhood level. Neighborhood planning is a collaborative enterprise involving residents, business and property owners, government agencies, and others who have a stake in the neighborhood.			X
2. Cultivate existing and new “neighborhood centers.” Neighborhoods need central places where people gather for shopping, entertainment, and/or recreation. The center of a neighborhood could be a public plaza or a recreation complex, or a commercial town center, with a grocery store and other shops and services. It could have a public park or a plaza linked to shops. Cultivating neighborhood centers entails investment in parks and pedestrian street improvements.			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
3. Promote mixed land uses. Office, retail, and community service uses can coexist with residential uses; and there are a number of opportunities for them to support each other. In traditional single-family neighborhoods, groupings of small stores provide convenient service and a place to meet neighbors. In the PUC's in-town neighborhoods, both residential and office development support retail and other services. Neighborhoods with a strong mix of uses have activity 24 hours a day. Residences providing "eyes on the street" contribute to neighborhood safety.			X
4. Create parks that draw people and activity. The PUC should have a range of parks. While all provide open space and relief from buildings and traffic, some should provide organized sports and fitness activities, and others should function more as neighborhood gathering places. In the PUC, development of one or two large sports complexes with substantial parking could provide for league play of all kinds, while smaller parks could be used in inventive ways to meet the needs of their surrounding neighborhoods. Like other cities throughout the world, plazas and open spaces that attract people and activity are integrated with churches, shops, and other buildings.			X
5. Make streets "pedestrian-friendly." There are many opportunities to create street environments that invite pedestrian use, such as widening sidewalks, planting trees to provide shade and buffer pedestrians from vehicular traffic and narrowing intersections to provide shorter and safer pedestrian crossings. The Land Use Maps (Maps A.4, A.5 and A.6) show primary pedestrian routes. These streets and others identified through neighborhood planning should be given high priority for pedestrian improvement.			X
6. Make major streets which connect communities convey neighborhood identity. The identifying characteristics that give neighborhoods their unique visual signatures or identities should be emphasized and conveyed by the streets that connect them to other places. To help accomplish this, landscape and other streetscape design for major streets which serve as principal routes connecting two or more neighborhoods should reflect the unique identities of each neighborhood and, where possible, should provide open spaces between them which create significant public views or access to mauka or shoreline resources.			X
3.2.2.2 Mauka Residential Neighborhoods			
1. Density. Lower-density residential areas may have single-family residences and townhouse apartments at a density of five to 12 dwelling units per acre, with predominantly two-story building heights. Areas zoned for apartment use may have higher densities.			X
2. Appropriate Building Design. For institutional and other nonresidential uses allowed within lower-density residential areas, provide guidelines for the location and design of buildings, service areas, and pedestrian and vehicular access. In general, street-facing building elements should be attractive, designed for human scale, and have clear points of entry. Service and utility elements should be located out of sight from the street and away from residences.			X
3.2.2.3 In-Town Residential Neighborhoods			
1. Density. Areas close to transit lines and the major east-west arterials should be zoned for medium-density residential, which may range from 13 to 90 units per acre, or high-density residential mixed use, which may range up to 140 units per acre. Neighborhoods in these zones would also include reinforcing uses which support resident lifestyle and livelihood choices, such as convenience or neighborhood stores, dining establishments, professional and/or business services, or other similar activities.			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
<p>2. Building Heights. Establish maximum desired building heights in apartment-zoned districts on the basis of view plane studies to preserve views of natural landmarks as indicated in Section 3.1. Otherwise, the maximum building height for districts zoned low-density apartment should be approximately four stories or 40 feet. For areas zoned medium-density apartment, the maximum desired building height should be either 60 feet or the present height of the building occupying the lot. It is expected that with these criteria, building heights for most in-town residential neighborhoods, including Moiliili, McCully, and other established neighborhoods between Ala Moana and the University of Hawai'i would not exceed currently allowed heights. Given market conditions, development feasibility, and future incentives and standards encouraging the enhancement and development of livable neighborhoods, such districts may experience lower than currently sanctioned building heights.</p>			X
<p>3. Building Design and the Streetscape Environment. Neighborhood plans should distinguish between principal or "front door" streets that give a neighborhood the opportunity to "put on its best face," and secondary or local streets where a variety of activities are appropriate or where service is the main function. Utilitarian elements such as service yards, parking lots, or utilities should be located on nonprincipled streets in ways that support efficient patterns of circulation.</p>			X
3.2.2.4 Shopping and Retail Business Districts			
<p>1. Community/Neighborhood Commercial. These commercial areas should be located within and should primarily serve lower-density residential neighborhoods. Generally, 10 acres or less in land area, these districts or clusters of establishments typically have service stations, grocery and sundry stores, and other small businesses serving residential customers. Buildings are generally one or two stories in height. While they vary greatly in total size and number of business establishments, a Community/Neighborhood Commercial area typically has no more than 200,000 square feet of commercial floor area.</p>			X
<p>2. District Commercial. District Commercial includes a wide variety of commercial uses located in the core areas of the Primary Urban Center. These districts typically have larger facilities and serve larger populations than community/neighborhood commercial districts. They may include major office buildings, shopping centers, and older commercial streets that serve a district-wide, regional or island wide population. Mixed uses, including medium to higher density residential uses where appropriate, and higher densities are encouraged in these areas. Downtown should have the tallest buildings on O'ahu. In other areas, maximum building heights should be established on the basis of view plane studies to preserve views of natural landmarks.</p>			X
<p>3. Commercial streets. Enliven commercial streets by providing wide sidewalks and trees for shade and encouraging property owners to build to the sidewalk edge. Vital urban neighborhoods rely on high pedestrian activity. Storefronts create interest and stimulate pedestrian activity along the street, especially when they are built to the property line and meet the public sidewalk.</p>			X
<p>4. District-wide parking. Support older commercial districts and the continued use and rehabilitation of small commercial lots by providing conveniently located municipal parking. In the past, the City organized parking improvement districts and built centralized parking in Downtown and Kaimuki.</p>			X
<p>5. Integration of shopping centers with adjacent neighborhoods. Ensure that all shopping areas integrate well with adjacent residential neighborhoods. Require safe, pleasant, pedestrian connections between shopping establishments and their host neighborhoods. Encourage the planning and development of centers or clusters of shopping establishments to have their shops rather than parking lots face and be adjacent to abutting neighborhoods. Wherever possible and</p>			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
appropriate, encourage compatible or seamless design and landscape treatment of public routes and thoroughfares between residential and shopping areas. To the greatest extent possible, avoid placing service uses adjacent to resident areas and major frontages. Efforts should be made to appropriately locate and distinguish between front door and service zones.			
Discussion: The objectives and policies outlined above related to Section 3.2.2 of the PUCDP is not directly applicable to the Proposed Project.			
3.3 In-Town Housing Choices			
3.3.2 Policies			
1. Promote people-scaled apartment and townhouse dwellings in low- or mid-rise buildings oriented to the street. Promote buildings that are modest in height and have a pedestrian entrance facing the street. Encourage the use of ground-floor space for shops that will serve residents and contribute to a pedestrian-oriented neighborhood. This policy entails revising zoning regulations.			X
2. Improve the feasibility of redeveloping small lots. Remove disincentives for townhouse and low-rise apartment development on smaller lots zoned for multifamily dwellings. This policy entails revising zoning regulations.			X
3. Reduce costs for apartment homes. Reduce construction costs and promote low-rise buildings by allowing less expensive building construction types while maintaining health and safety. Reduce land costs by allowing greater dwelling unit density while limiting building volume consistent with promoting livable neighborhoods. This policy entails revising building and zoning regulations.			X
4. Provide adequate parks and schools for in-town neighborhoods. Community parks and recreation facilities should be provided in and near residential neighborhoods. To attract young families, access to elementary schools must be assured.			X
5. Expand the capacity of infrastructure, including water supply, sewers, and storm drains. Government needs to lead both planning and investment in renewing and expanding infrastructure. To remedy district- or neighborhood-scale infrastructure constraints is beyond the capability of individual landowners. Likewise, paying for relief lines and larger-scale projects that will benefit multiple landowners requires government leadership in providing long-term financing and apportioning costs.			X
6. Support the retention, rehabilitation, and improvement of older, low-rent apartment buildings. Many older, walk-up apartment buildings constructed prior to the 1969 Comprehensive Zoning Code do not conform to current zoning or building standards but collectively comprise a valuable reservoir of low-cost rental housing. The City should relax zoning requirements to encourage the rehabilitation and improvement of these buildings.			X
7. Preserve the current inventory of affordable rental housing units. The City should assure that the current inventory of affordable rental units, whether owned by the city or not, is preserved and retained as affordable rentals.			X
8. Provide for special needs housing. Allow housing for people with special needs, such as group homes for the disabled or congregate living and care homes for the elderly, subject to special development standards or permit review. Promote the dispersal of special needs housing among various neighborhoods and avoid overconcentrating facilities in just a few areas.			X
9. Provide incentives and cost savings for affordable housing. Provide exemptions from zoning and building codes for housing projects that meet established standards of affordability, on a case-by-case basis.			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
10. Provide for high-density housing options in mixed-use developments around transit stations. This type of “transit-oriented development” facilitates transit use and allows for increased densities without generating increased vehicular congestion.			X
Discussion: The objectives and policies outlined above related to Section 3.3.2 of the PUCDP is not directly applicable to the Proposed Project.			
3.4 The Pacific’s Leading City			
3.4.2 Policies			
3.4.2.1 Honolulu and Pearl Harbor Waterfronts			
1. Create public open space along the Pearl Harbor waterfront and strengthen the physical and visual connections between the urban center and the water			X
2. Improve mauka-makai pedestrian and bicycle circulation across Kamehameha Highway. Developing physical access to the Pearl Harbor waterfront demands substantial improvements to pedestrian and bicycle access across Kamehameha Highway.			X
3. Redevelop the Downtown/Iwilei waterfront. Reroute through traffic to a new Sand Island parkway and harbor tunnel thoroughfare and replace the makai portion of Nimitz Highway with a new shoreline pedestrian promenade and mixed-use commercial/recreational/residential complexes. Adopt appropriate measures to enhance the attractiveness of the Nimitz corridor and public and private responsibilities to implement and maintain such improvements. By creating a new parkway across Sand Island and a tunnel beneath the Harbor entrance, Airport-to-Waikiki traffic (and all other through traffic not destined for the Iwilei/Downtown area) will bypass this unsightly industrial section and significantly reduce the traffic demand on Nimitz Highway through town. This will enable the Ewa-bound mauka section of the highway to be converted to a two-way local access street. It will also allow the Waikiki-bound makai section to be converted to a major shoreline promenade and waterfront activity area, providing space for restaurants, shops, indoor and outdoor entertainment, and recreation areas. This area would also hold potential for development of low- to mid-rise housing.			X
3.4.2.2 Visitor Facilities			
1. Adopt and implement a plan for a vibrant and livable Waikiki. This plan needs to address the quality of the resident experience as well as the quality of the visitor experience. Based on development parameters set by the Waikiki Special District, the plan should encompass mobility, the quality of the street environment for pedestrians, public spaces, the scale and design of new buildings, and Waikiki’s relationship to the Convention Center and neighboring districts.			X
2. Support attractions that are of interest to both residents and visitors in the Ala Moana/Kakaako/Downtown corridor. Opportunities include State sponsored waterfront commercial and cultural attractions around the Kewalo Basin area; retail/entertainment facilities around Ala Moana Center, Victoria Ward Centers, and Kamehameha Schools properties; and improvements to serve visitors in the Capitol District, Aloha Tower, and Chinatown.			X
3. Provide opportunities for the development of visitor units in the Ala Moana/Kakaako/Downtown corridor. Hotels serving the Convention Center should be within a 5-minute walk (one-quarter mile) and located on commercially zoned parcels along major thoroughfares. Those in the Downtown area should be in the area zoned BMX-4 or the Aloha Tower complex.			X
4. Provide a transit link along the Ala Moana/Kakaako/Downtown corridor. The City should ensure that there is convenient transit service between visitor			X

Table 4-7: Primary Urban Center Development Plan		S	NS	N/A
accommodations and the visitor attractions along the corridor. Visitor oriented transit should utilize at-grade trolley types of vehicles and could be publicly or privately operated.				
5.	Provide opportunities for the development of smaller-scale visitor accommodation (i.e., inns and lodges) in existing commercial centers. These could serve residents and business needs (visiting family, friends, and business associates) as well as visitors looking for an alternative to the resort enclave. Potential areas include Kapahulu, Kaimuki, the King/Beretania corridor, Kapālama, Pearlridge, and Pearl City. Development of such facilities should consider the community's preferences and be integrated with the surrounding neighborhood.			X
6.	Allow Bed & Breakfast establishments (but not transient vacation units or TVU's) in residential neighborhoods. With adequate parking, community involvement, and other regulatory controls, B&Bs provide a highly integrated, well-supervised, low-impact form of visitor accommodation. For residents, operating a B&B is a viable home occupation and a means to retain and reuse homes in older neighborhoods.			X
3.4.2.3 Technology Business, Office Facilities				
1.	Stimulate development of high technology and knowledge-based industries. Take advantage of Honolulu's active urban ambience to attract high-technology businesses. Use State lands in Kakaako for a campus dedicated to biomedical research and other high-technology businesses. Encourage investment in infrastructure in commercial buildings to accommodate and attract high-technology and biotechnology businesses.			X
2.	Encourage street-front retail. Office buildings should have retail stores, entrances, and windows fronting the principal street.			X
3.	Provide usable open space. Zoning requirements and bonus provisions for open space associated with larger office buildings should specify design guidelines for usable plazas, parks, and arcades. Key elements of usable open space are enclosure, shade, seating, and location at street level.			X
3.4.2.4 Military, Airport, Harbor, and Industrial				
1.	Support continuation of military uses. National defense objectives and budget priorities determine the military bases and functions located in the Primary Urban Center and the state as a whole. The City should support long-range land use planning by the military services and coordinate with them to achieve common goals of employment, housing, and recreation.			X
2.	Integrate civilian and military residential communities. The City should work with the military services to link adjacent residential communities through the use of connecting roadways, bikeways, walkways, landscape features, and/or architectural scale and character.			X
3.	Allow a mix of industrial and commercial uses. Allow a broader mix of commercial uses in the Airport and Bougainville industrial districts. The Airport district should include office, hotel, and retail uses that are compatible with airport operations, as well as existing light industrial uses. The Bougainville district should include uses that support surrounding residential neighborhoods.			X
4.	Enhance Honolulu Harbor and harbor-related uses. Reserve areas around Honolulu Harbor, particularly around Kapālama Basin and the Sand Island container yards, for harbor-related uses.			X
5.	Support industrial uses in Kalihi-Palama industrial districts. Commercial uses along the Nimitz, Dillingham, King, Kalihi, and Waiakamilo corridors should be recognized and encouraged. In industrial districts where residential uses have			X

Table 4-7: Primary Urban Center Development Plan		S	NS	N/A
endured for many years - i.e., Kalihi Kai and Kapālama - such uses should be all continue and should be rehabilitated and improved.				
6.	Promote compatibility with the surrounding urban and natural environment. Where industrial uses are mixed with or adjacent to residential communities or natural areas, mitigate visual, noise, and other environmental impacts by adopting performance standards.			X
7.	Support development of adequate warehousing facilities to support increased economic activity. Encourage development and maintenance of warehouse space of sufficient quality to prevent shortages and support growing businesses.			X
3.4.2.5 Aiea-Pearl City Town Centers				
8.	Define the role of town centers. Establish the "Pearlridge" area as the Pearl Harbor Regional Town Center and strengthen the physical and visual connection between this urban activity center and the Pearl Harbor waterfront. Other town centers at Pearl City, Waimalu, Aiea, and Halawa should serve as more localized or specialized activity and service areas.			X
9.	Promote mixed land use. Town centers should support some form of mixed land use to respond more flexibly to market needs and to reduce dependency on the private automobile for local travel. The Pearl Harbor Regional Town Center should be designated for a greater diversity of uses than the other town centers, emphasizing an integration of medium- or higher-density residential and commercial development. Land use designations and design standards should be oriented toward assuring compatibility of building forms and uses, creating street connections, and providing a smooth transition between town centers and adjacent residential neighborhoods.			X
10.	Facilitate pedestrian, transit, and bicycle improvements. There should be major improvements to transportation facilities and services, with particular emphasis on pedestrian, bicycle, and public transit modes along Kamehameha Highway, and commuter travel on the H-1 Freeway and in the Aloha Stadium vicinity (see Figure 3.17: Pedestrian Network Concept for Pearl Harbor). Design standards for new development in the town centers - especially the Pearl Harbor Regional Town Center - should encourage pedestrian and transit travel.			X
Discussion: The objectives and policies outlined above related to Section 3.4.2 of the PUCDP is not directly applicable to the Proposed Project.				
3.5 Develop a Balanced Transportation System				
3.5.2 Policies				
1.	Implement land use strategies to achieve a balanced transportation system. To improve the quality of life in the Primary Urban Center and to accommodate growth, development initiatives and regulatory controls should promote the growth of sustainable and appropriate alternative urban travel modes such as transit, walking, and bicycling.			X
2.	Improve the public transit system, including development of a rapid transit component. Improvements to the transit system should be targeted to accommodating trans-PUC travel and making neighborhood service more convenient. A rapid transit component is needed to serve the high-volume east-west corridor, connect activity centers, and provide transportation capacity in place of increased roadways.			X
3.	Implement Transportation Demand Management strategies. Due to limited land area and high costs, it is increasingly necessary to shift from increasing roadway and parking capacity to policies and practices that reward use of transit and other alternative modes.			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
4. Review existing plans and establish priorities for roads and road improvements. Conduct a comprehensive review of roads and designate those which should receive priority treatment for transit, bike routes, and pedestrian routes, as well as the principal arterial and collector network for automobile travel.			X
5. Implement the Honolulu Bicycle Master Plan. Institutionalize the policy that every street and highway on which bicycles are permitted to operate is a "bicycle street," designated and maintained to accommodate shared use by bicycles and motor vehicles.			X
6. Enhance and improve pedestrian mobility. Create special pedestrian districts and corridors and a regional network of pedestrian facilities. Comprehensively address pedestrian safety concerns related to vehicle speeding and excessive volumes on local streets and neighborhood collector streets.			X
7. Encourage the full use of existing private and public parking garages. Encourage private parking garage owners to rent underused parking stalls within commercial buildings and large-scale residential projects.			X
Discussion: The objectives and policies outlined above related to Section 3.5.2 of the PUCDP is not directly applicable to the Proposed Project.			
4. Infrastructure and Public Facilities			
4.1 Water Allocation and System Development			
4.1.2 Policies			
1. Integrate resource management of all potable and non-potable water sources, including groundwater, stream water, storm water, and wastewater effluent.			X
2. Adapt water conservation practices in the design of new developments and modification of existing uses, including landscaped areas.			X
3. Implement upgrades and capacity improvements to serve projected population increases.			X
4. Protect and maintain watersheds to ensure an adequate supply of high-quality water with sufficient infiltration recharge into groundwater aquifers.			X
Discussion: The objectives and policies outlined above related to Section 4.1.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.2 Wastewater System			
4.2.2 Policies			
1. Implement wastewater collection system improvements to provide adequate service and sound facilities to existing neighborhoods and timely increases in system capacity to areas planned to undergo improvement or change in use.			X
2. Implement adequate and timely upgrades/expansion of wastewater treatment facilities to meet the growth demands of the PUC.			X
Discussion: The objectives and policies outlined above related to Section 4.2.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.3 Electrical Power			
4.3.2 Policies			
1. Support retention and upgrade of the Waiau and Honolulu Power Plants as part of a strategic plan to improve the reliability of the Primary Urban Center's electrical power system.			X
2. Promote and implement energy conservation measures and integrated resource planning.			X

Table 4-7: Primary Urban Center Development Plan	S	NS	N/A
3. Planning and building of new or relocated transmission lines should take into consideration the system and cost concerns, and the impacts on the environment. Options to place utility lines underground should be considered, and priorities should be established.			X
Discussion: The objectives and policies outlined above related to Section 4.3.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.4 Telecommunications Facilities			
4.4.2 Policies			
1. Minimize the visual impacts and potential health hazard of new facilities.			X
Discussion: The objectives and policies outlined above related to Section 4.4.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.5 Solid Waste			
4.5.2 Policies			
1. Reduce the solid waste stream by encouraging recycling and reuse.			X
2. Reduce dependence on landfills by encouraging alternative waste disposal technologies.			X
Discussion: The objectives and policies outlined above related to Section 4.5.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.6 Stormwater Systems			
4.6.2 Policies			
1. Require methods of retaining or detaining stormwater for gradual release into the ground as the preferred strategy for the management of stormwater. Where feasible, utilize open spaces including parking lots, landscaped areas, parks, and golf courses to detain or infiltrate stormwater flows to reduce their volume and runoff rates. (City Council Resolution No. 94-296).			X
2. Manage stormwater flows through best management practices to minimize stormwater runoff and peak discharge rates.			X
3. Preserve stream and estuarine habitats.			X
Discussion: The objectives and policies outlined above related to Section 4.6.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.7 School and Library Facilities			
4.7.2 Policies			
1. Support the development of a high-quality educational system of schools and post-secondary institutions that increase the attractiveness of the Primary Urban Center as a place to live and work.			X
2. Work with the Department of Education to develop innovative shared-use facilities, particularly on City-owned school properties.			X
Discussion: The objectives and policies outlined above related to Section 4.7.2 of the PUCDP is not directly applicable to the Proposed Project.			
4.8 Civic and Public Safety Facilities			
4.8.2 Policies			
1. Provide adequate staffing and facilities to ensure effective and efficient delivery of basic governmental service and protection of public safety.			X
Discussion: The objectives and policies outlined above related to Section 4.8.2 of the PUCDP is not directly applicable to the Proposed Project.			

4.2.3 Hawai'i Capitol Special District

The Hawai'i Capitol Special District (HCSD) was established in 1972 and serves as the civic hub for the State government and the CCH. It features expansive open spaces and numerous State and CCH buildings. The HCSD is also home to several buildings listed on the State and National registers of historic places. Given their proximity, these facilities and adjacent areas significantly contribute to the urban design of Honolulu. The primary purpose of the HCSD is to protect and enhance the preservation of buildings and landmarks within the district, representing elements of the State's civic, aesthetic, cultural, social, economic, political, and architectural heritage. Additionally, it aims to promote new developments that align with and complement these structures and sites while preserving and enhancing the park-like setting of the HCSD, including its view from the Punchbowl Lookout. The HCSD is composed of the following precincts:

- 1) Alapai Precinct;
- 2) Municipal Service Building Precinct;
- 3) Queen's Medical Center Precinct;
- 4) Tower Precinct;
- 5) Old Vineyard Precinct;
- 6) Historic Precinct;
- 7) Judiciary Precinct;
- 8) Alakea/ Hotel Street Precinct;
- 9) Alakea Commercial Precinct;
- 10) Queen Street Precinct;
- 11) Mililani Commercial Precinct;
- 12) South Street Precinct; and
- 13) Waterfront Precinct.

Under ROH, Chapter 21, Land Use Ordinance, all developments within special districts are required to obtain a Special District Permit. A portion of the Proposed Project (Pier 7) is situated within the HCSD- Waterfront Precinct (See Figure 4-3). The Proposed Project's conformance with the policies of the HCSD is set forth in Table 4-8 below.

Table 4-8: Hawai'i Capitol Special District		S	NS	N/A
§21-9.30-2 Prominent Views and Historic Places				
a)	Preserve the following streets and locations that identify important pedestrian and vehicular corridors by which one experiences the HCSD, as well as views of the mountains and waterfront. The design of all Proposed Project's within the district shall be guided by the required yards in the judiciary precinct, Alakea/Hotel street precinct, and the Alakea commercial precinct: <ol style="list-style-type: none"> (1) Beretania Street between Alapai Street and Alakea Street; (2) The Hotel Street Mall between Alapai Street and Richards Street; (3) Hotel Street between Richards Street and Alakea Street; (4) King Street between South Street and Alakea Street; (5) Kapiolani Boulevard at the intersection of South Street and King Street; (6) Ala Moana Boulevard between Punchbowl Street and the district boundary; (7) Mililani Street and Mall between Halekauwila Street and King Street; (8) Punchbowl Street between Beretania Street and Ala Moana Boulevard; 			X

<ul style="list-style-type: none"> (9) South Street between King and Pohukaina Streets; (10) Richards Street between Halekauwila and Beretania Streets; (11) Alapai Street between King and Beretania Streets; and (12) The fifth-floor lanais of the State Capitol Building, emphasizing a mauka-makai orientation. 			
<p>b) Preserve the following list of sites, structures, and objects which are on the State and National Registers of Historic Sites:</p> <ul style="list-style-type: none"> (1) Kawaiahao Church and grounds; (2) Adobe School House; (3) Lunalilo Mausoleum; (4) Kekuanaoa Building; (5) Kapuaiwa Building; (6) Hale Auhau; (7) Kamehameha I Statue; (8) Ali'iolani Hale; (9) U.S Post Office; (10) Hawaiian Electric Building; (11) Honolulu Hale and grounds; (12) Mission Memorial Building Annex; (13) Honolulu Hale Annex (Mission Memorial Building and Auditorium); (14) Iolani Palace and grounds; (15) Iolani Barracks; (16) Royal Burial Ground and Fence; (17) Coronation Bandstand; (18) Captain Cook Memorial Tablet; (19) YWCA and grounds; (20) Banyan tree on the 'Iolani Palace grounds; (21) Old Archives Building (Attorney General's Building) (22) Hawai'i State Library (23) State Capitol and grounds; (24) Armed Services YMCA and grounds (No. 1 Capitol District) (25) St. Andrew's Cathedral, including ST. Andrew's Close, Davies and Tenney Halls, and Parke Memorial Chapel adjacent to the cathedral; (26) Washington Place and grounds; (27) Mission Houses; (28) Aloha Tower; (29) Royal Brewery; (30) Podmore Building; and (31) Old Kakaako Fire Station 	<p>X</p>		
<p>c) Preserve the following buildings contributing to the character of the district:</p> <ul style="list-style-type: none"> (1) St. Andrew's Priory; (2) St. Peter's Church (3) Ali'iolani Hale Annex; (4) Mabel Smythe Building; (5) Harkness Nurses Home; (6) Board of Water Supply Buildings; (7) Arcade Building; and (8) 1919 Hawaiian Electric Company Building 			<p>X</p>
<p>Discussion: The Proposed Project will support the objectives and policies outlined above related to Prominent Views and Historic Places of the HCSD.</p> <p>As described in Sections 3.6 (Historic and Archaeological Resources) and 3.6.1 (Cultural Resources), there are no known or identified cultural, historic, architectural, and archaeological resources at the Project Site, which has been heavily disturbed.</p>			

It is unlikely that the Proposed Project would adversely impact resources currently located on the property or in adjacent areas. Should any unidentified resources be encountered during construction, all work will cease, and the State Historic Preservation Office will be contacted for review and approval of mitigation measures.

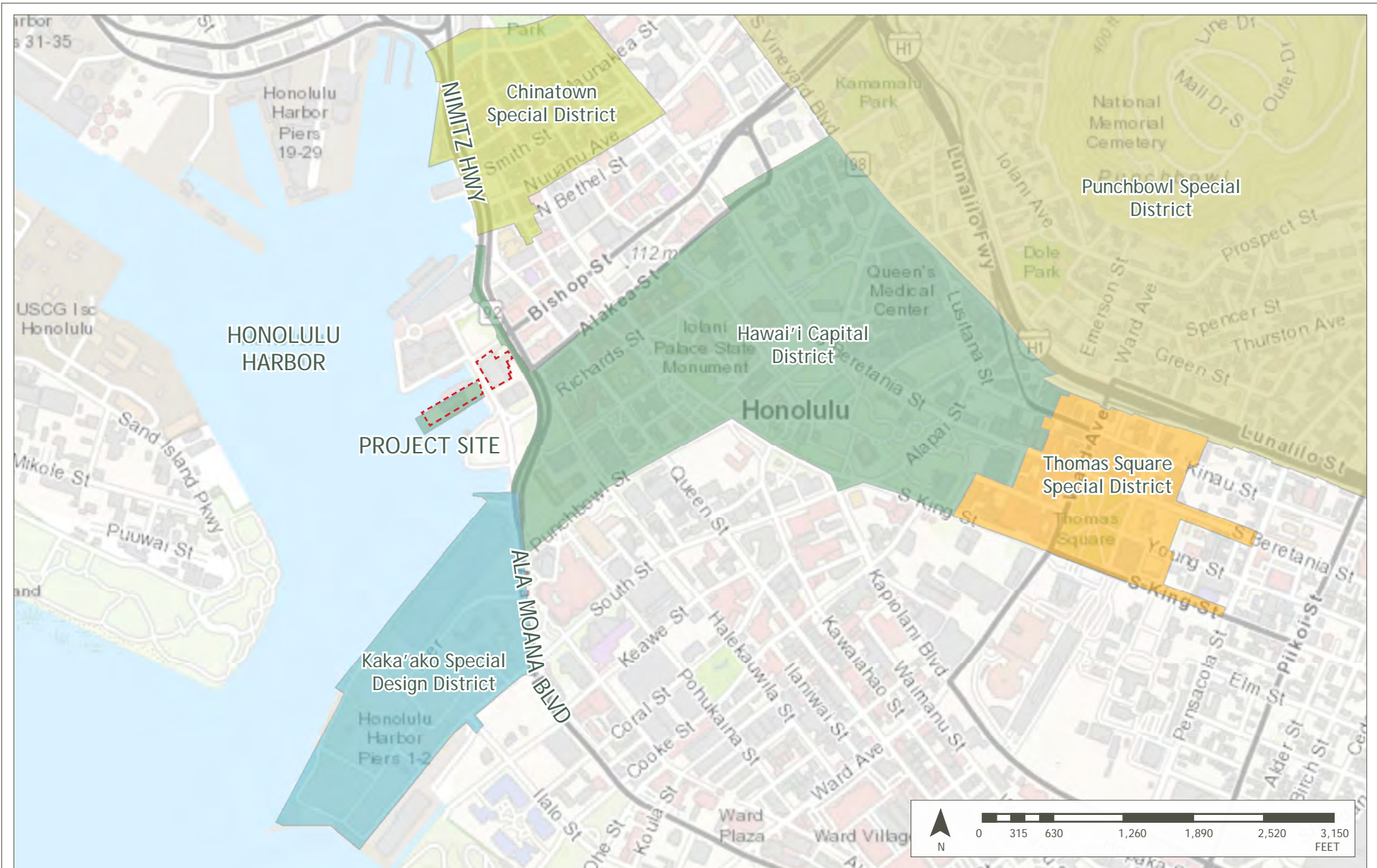
§21-9.30-4 Design Controls

Landscaping: Open space and yard requirements for each precinct shall be landscaped in accordance with the landscape guidelines and regulations of the HCSD.

a)	Encourage all required yards to be landscaped and maintained with a minimum of 75% of the area devoted exclusively to plant material rooted directly in the ground or permanently fixed plant containers.			X
b)	Encourage the planting of vertical form trees and maintain the front yard perimeter of parking structures to reduce the visual impact of blank walls and parked vehicles. A tree shall be planted for every 20 feet of linear building length. Acceptable tree species include coconut palms, paperbark, and eucalyptus. If there is sufficient space, canopy form trees may be substituted. Alternatively, planter boxes with vines may be provided on the facades of every parking level.	X		
c)	Encourage rooftop parking and mechanical equipment to be substantially screened or painted, or both, to soften their appearance from the Capitol building and the Punchbowl lookouts.			X
d)	Encourage all required trees to be provided in conformance with subdivision (8), and shall be a minimum 2-inch caliper, except palms which shall have a minimum trunk height of 15 feet. All tree planting shall be in conformance with the requirements and standards, except that alternative species, especially native Hawaiian or species long present and common to the Hawaiian Islands, including flowering varieties, shall be encouraged and may be substituted in all instances upon approval by the director. Other exceptions to accommodate special conditions may be approved by the director.	X		
e)	Encourage landscaping for the Iolani Palace grounds to be in conformance with the master plan as approved by the department, the National Council on Historic Preservation and the State department of land and natural resources.			X
f)	Encourage landscaping for the Queen’s Medical Center to include retention of its existing large front lawn along Punchbowl Street, except for the Queen Emma Tower expansion and the Hawai’i Medical Library parking garage authorized by Res. 04-244, CD1, FD1; necessary driveways providing vehicular access through the campus; and pedestrian accessways. Main entrances that exit to ground level shall include a view of landscaping, including trees wherever possible.			X
g)	Encourage street trees to be provided along major streets as delineated below: 1) Beretania Street, except fronting the State Capitol: (Monkeypod; maximum spacing 60 feet on center; and location within the required front yard) 2) King Street, except fronting the Iolani Palace grounds and Aliiolani Hale: (Rainbow Shower, or Monkeypod; maximum spacing 50 feet on center; and location within first 5 feet of required front yard) 3) Richards Street, except fronting Iolani Palace grounds: (Royal Poinciana; maximum spacing 60 feet on center; and location within first 5 feet of required front yard) 4) Punchbowl Street: (Monkeypod; maximum spacing, 60 feet on center and; location within required front yard) 5) Alapai Street: (Monkeypod; maximum spacing 60 feet on center; and location within required front yard)	X		

<p>6) Ala Moana/ Nimitz Highway: (Coconut Palm; maximum spacing three palm trees shall be provided per 50 feet of street frontage; and location within first 5 feet of required front yard)</p> <p>7) South Street: (Autograph; maximum spacing 40 feet on center; and location within required front yard)</p> <p>8) Alakea Street and Queen Emma Street; (False Olive; maximum spacing 20 feet on center; and location within the sidewalk area)</p> <p>9) Vineyard Boulevard; (Monkeypod; maximum spacing 60 feet on center; and location within the required front yard.</p>			
<p>Discussion: The Proposed Project will support the objectives and policies outlined above related to Design Controls- Landscaping of the HCSD.</p> <p>The design team will need to consider how the Proposed Project can complement the surrounding area to comply with the policies and guidelines stated above and be consistent with the Honolulu Waterfront Master Plan and the ATDC development goals.</p>			
<p>Historic Precinct: The following design guidelines shall be used in the design and review of new construction and renovation in the Historic Precinct.</p>			
<p>a) Encourage roof treatment to reflect existing roofscape by using combinations of overhanging eaves and pitches greater than 1:3. Roofing materials should be green or reddish earth-toned tile or gray slate roofing surfaces, or roofing surfaces that closely resemble existing tile or slate roof in color, texture, and appearance.</p>			X
<p>b) Encourage architectural elements to be an open design of arcades, porches, entryways, internal pedestrian spaces, and courtyards. New developments should be influenced by the following architectural styles: modified Mediterranean, Spanish mission, Victorian, U.S. Greek revival, Italianate revival, and French second empire.</p>			X
<p>c) Encourage facade elements common to the precinct to include recessed window openings and strong horizontal lines expressed by combinations of fenestrations, openings, wall edges, and decorations. New development should incorporate and employ these elements to visually relate new buildings to adjacent facades of established historic value. Typical is the use of projections, columns, balconies, and recessed openings.</p>			X
<p>d) Avoid the use of shiny metal or reflective surfaces, including paints and smooth or plastic-like surfaces. Colors and surfaces that predominate include warm white walls, earth tones, natural colors of stone, coral, and cast concrete. Concrete, stone, terra cotta, plaster, and wood should be principal finish materials; and If the use of metal surfaces is required, they should be used with black or dark earth-toned matte finishes. Copper and brass may be acceptable metal surfaces. Glass surfaces, where used, should be recessed and clear, or of light earth-toned tints.</p>			X
<p>e) Encourage the use of characteristic textures such as stucco, tile, concrete, cut coral, cut stone, cast iron, grass, and foliage. Development should employ surface qualities that are sympathetic to historic and original uses of material.</p>			X
<p>f) Encourage the use of terra cotta, plaster work, ironwork, ornament painting, and sculptural elements.</p>			X
<p>g) Respect historic design including detailing, which should be maintained on elements such as pavers, curbs, signs, planters, benches, trash cans, fountains, lighting, bus shelters, and flag and utility poles.</p>			X
<p>h) Preserving characteristic of places within the precinct is the treatment of building entry which provides comfortable transitions from outside to inside. These elements include arcades and porches recessed or projecting from the building mass.</p>			X

i)	Protect mauka views within the precinct by orienting new development on a mauka- makai axis.			X
j)	Avoid signs that are directly illuminated, have moving parts, luminous paints, or reflective materials. Any illumination should be from a detached source shielded from direct view. No box fluorescent signs shall be allowed.			X
k)	Encourage the following landscape treatment: (1) Large open spaces, lawns and canopy-type shade trees, fountains, and sculptures shall be compatible with the grounds of Iolani Palace and the Capitol building; (2) In small open areas, combinations of ground covers, shrub masses, flowering trees, and palms may be used either to introduce rich foliage patterns, for screening purposes, or to provide contrast to large, open lawn areas; and (3) Small-scale landscape features such as courtyards, resting places, entrances, and intimate gardens are encouraged and should be compatible with, and secondary to, the larger park-like landscape.			X
Discussion: The Project Site is situated within the Waterfront Precinct; therefore, the objectives and policies outlined above related to Design Controls- Historic of the HCSD will not be applicable to the Proposed Project.				
Other Precincts				
a)	Encourage all parcels to comply with the minimum open space expressed as a percentage of lot area			X
b)	Encourage all major developments, especially on those parcels and building facades visible and adjacent to the historic precinct, to be reviewed to ensure that new structures do not visually intrude into the historic precinct. Articulated building walls are encouraged. The use of recessed windows, lanais, projecting eyebrows, offsets in the wall planes and exterior colors may be used to achieve this articulation.			X
c)	Ensure that the following architectural features from the height regulations of the HCSD do not exceed the 12 feet limit. These building elements may be exempted only if the director finds they do not obstruct any significant views which are to be preserved, protected, and enhanced, and are consistent with the intent and objectives of the HCSD: (1) Necessary mechanical appurtenances of the building on which they are erected; provided that they are screened from view; (2) Necessary utilitarian features, including stairwell enclosures, ventilators, and skylights; (3) Decorative or recreational features, including rooftop gardens, planter boxes, flagpoles, parapet walls, or ornamental cornices; and (4) Except for flagpoles and smokestacks, all items listed in Section 21-4.60© shall be exempt from the height provisions/			X
Discussion: The objectives and policies outlined above related to Design Controls- Other Precincts of the HCSD will not be applicable to the Proposed Project.				



SPECIAL DISTRICT

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
4-3

4.2.4 Aloha Tower Development Corporation

The Aloha Tower Development Corporation(ATDC) was established in 1981 to manage the redevelopment of State-owned properties situated along the Downtown Honolulu Waterfront. ATDC has the statutory mandate of redeveloping, renovating, and/ or improving the Aloha Tower Complex and its adjacent project area. Through its development objectives, ATDC, strives to create an area that acts as a catalyst for enhancing commercial activities in the downtown business district and help transform the waterfront urban core into a vibrant hub for the people Hawai'i.

The Proposed Project's conformance with the ATDC Development Objectives is set forth in Table 4-9 below.

Table 4-9: ATDC Development Objectives		S	NS	N/A
Purpose: The goal of the ATDC is to transform Aloha Tower and its surrounding project area into a thriving hub of commerce, culture, and recreation, while preserving its rich heritage and sense of place.				
a)	Provide accessible vehicular ingress and egress and create a parking strategy which minimizes both the cost and impacts of parking on the Aloha Tower complex.			X
b)	Ensure the object is capable of integration into any overall development plan which may be adopted for the Honolulu Waterfront.	X		
c)	Maintain passenger ship operations in a manner compatible with the development of the Downtown Waterfront as a people place in conformity to the maritime requirements of the DOT.			X
d)	Balance practical economic and market realities with a vision of what can be created.			X
e)	Provide ease of pedestrian access to the project and waterfront, and generous open spaces for public enjoyment by eliminating visual and physical barrier between the waterfront and Downtown, and by creating strong pedestrian links between Downtown and Aloha Tower, particularly along Fort and Bishop Streets.			X
f)	Improve view corridors down Fort, Bishop, and Alakea Streets			X
g)	Expand and improve Irwin Park while maintaining its vegetation.			X
h)	Create homogeneous project that avoid fragmentation.	X		
i)	Feature and enhance the physical, public use and visual characteristics of the historic Aloha Tower.			X
j)	Minimize unattractive physical facilities (e.g. parking, utilities, service and back of house operation).	X		
k)	Plan buildings and project features to attract people to the waterfront and create a major public gathering place at the Aloha Tower complex by enhancing public access to and along the water's edge and by creating opportunities for a variety of water's-edge experiences appropriate to the Downtown Waterfront.	X		
l)	Develop uses which would stimulate and be compatible with the commercial activities of the downtown business community, which may include, but not limited to, retail, restaurant, office, hotel, condominium, recreational, historical, and cultural uses; and create new activities to assist in bringing people to the waterfront.	X		

m)	Establish a constructing phasing strategy which would minimize disruption of maritime operations and achieve planned development of the Aloha Tower in the earliest practicable time.			X
n)	Create a financially feasible and aesthetically creative project which can be initiated at the earliest practicable time.	X		
o)	Encourage, to the extent possible, development of the Aloha Tower complex and adjoining area by a qualified private sector developer who will provide all or substantially all of the costs of development.	X		
p)	Utilize the powers of the development corporation to transcend, as necessary, zoning, density, and height limitations in an aesthetically pleasing manner to accomplish the goals of the development corporation and to encourage private sector developers to undertake development plan solutions which will satisfy the foregoing development objectives.	X		
Discussion: The Proposed Project will support the ATDC's objectives and policies outlined above.				
The Proposed Project aims to align with the development objectives of the ATDC by proposing a garden and art museum to merge art, education, and the scenic beauty of the waterfront. Simultaneously, it seeks to honor the historical significance of the Project Site, creating a space that commemorates the past while fostering creativity and innovation for the future. The design team will need to consider how the Proposed Project can complement the surrounding area to comply with the policies and guidelines stated above and be consistent with the Honolulu Waterfront Master Plan and the ATDC development goals.				

4.2.5 Honolulu Waterfront Master Plan

The Honolulu Waterfront Master Plan (HWMP) represents a long-range vision for the Honolulu Waterfront. It serves as a comprehensive, sustainable, and inclusive roadmap for development, aiming to maximize the economic, social, and environmental advantages of the waterfront area for current and future generations. Acknowledging the crucial role of the Honolulu Port in state-wide commerce, the HWMP also strives to address the recreational, cultural, and economic needs of Hawai'i's growing population.

The Proposed Project's consistency with the Overall Honolulu Waterfront objectives and goals, where applicable, is discussed in Table 4-10 below.

Table 4-10: Honolulu Waterfront Master Plan		S	NS	N/A
I. Objectives and goals related to Physical				
Land Use				
a)	Provide sufficient space and facilities (landside and waterside) to meet the functional requirements of O'ahu's harbor and maritime needs for the long-range economic welfare of the state			X
b)	Provide recreational resources (active or cultural) to meet the needs of Honolulu's growing residential population without jeopardizing the capability of meeting the State's maritime goals	X		
c)	Provide Space for water-related commercial and institutional facilities which meet the demands of the State's economy			X
Discussion: The Proposed Project will support the objectives and policies outlined above related to Physical-Land Use of the HWMP.				
The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about				

the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.

Urban Design			
a)	Promote safe public access to the ocean and along the water's edge.		X
b)	Enhance views of and from the waterfront and protect significant view corridors		X
c)	Protect existing historical landmarks, historical features, and themes into waterfront redevelopment programs	X	
d)	Encourage the highest quality of design for all possibly visible facilities and features	X	
e)	Develop distinctly Hawaiian design in the waterfront redevelopment projects	X	
f)	Provide for one or more major landmark to give the Honolulu waterfront its own world-renowned identity		X

Discussion: The Proposed Project will support the objectives and policies outlined above related to Physical-Urban Design of the HWMP.

As described in Sections 3.6 (Historic and Archaeological Resources) and 3.6.1 (Cultural Resources), there are no known or identified cultural, historic, architectural, and archaeological resources at the Project Site, which has been heavily disturbed.

It is unlikely that the Proposed Project would adversely impact resources currently located on the property or in adjacent areas. Should any unidentified resources be encountered during construction, all work will cease, and the State Historic Preservation Office will be contacted for review and approval of mitigation measures.

Moreover, the design team will need to consider how the Proposed Project can complement the surrounding area to comply with the policies and guidelines stated above and be consistent with the Honolulu Waterfront Master Plan and the ATDC development goals.

Circulation			
a)	Promote availability and use of transportation (land and water-borne) to and within the waterfront area.		X
b)	Provide service access to all waterfront uses	X	
c)	Moderate the use of the Nimitz Highway corridor for through traffic and/ or seek other ways including grade separated facilities, to reduce this traffic barrier between the waterfront and areas immediately mauka of it		X
d)	Provide a system of pedestrian ways and bikeways linking all major activity nodes along the waterfront to those areas mauka of it		X

Discussion: The Proposed Project will support the objectives and policies outlined above related to Physical-Circulation of the HWMP.

Infrastructure			
a)	Provide adequate water, sewer, drainage, power, and communication systems to meet the needs of existing and future waterfront activities in a timely fashion	X	

Discussion: The Proposed Project will support the objectives and policies outlined above related to Physical-Infrastructure of the HWMP.

It is assumed that modern designs for the management of water resources would be incorporated to complement the Proposed Project.

The existing foundation of Pier 7 may require structural augmentation; however, work will be limited to the cross sectional footprint of the existing foundation pilings - this work would not constitute additional disturbance / in-water work. Coordination will be undertaken with the appropriate agencies during permitting and construction in order to ensure that the Proposed Project will not result in significant impacts with regard to surface and coastal

waters. Soil disturbances such as excavation and grading activities will be regulated by applicable provisions of the County's grading ordinance.			
Environment			
a)	Minimize the adverse impacts on existing ecosystems in the harbor and the nearshore waters	X	
b)	Protect surfing conditions along the coastline		X
c)	Maintain air quality, noise, vibration, and night lighting levels within acceptable health and nuisance standards	X	
Discussion: The Proposed Project will support the objectives and policies outlined above related to the Physical- Environment of the HWMP.			
The Proposed Project is anticipated to minimize adverse social, visual, and environmental impacts at the Project Site and its surrounding vicinity as discussed in Chapter 3 of the EA.			
Phasing			
a)	Ensure that sufficient maritime facilities are available for the State's long-range economic welfare before designating existing maritime lands for non-maritime uses		X
b)	Encourage redevelopment to take place in an orderly and incremental fashion starting with identified "priority projects" which are expected to serve as catalysts for further development of surrounding properties		X
c)	Strive to implement a long-range land use plan for the waterfront and avoid any actions which would foreclose implementing such a plan without fully analyzing and accepting the outcomes of such actions		X
Discussion: The objectives and policies outlined above related to Physical-Phasing of the HWMP will not be directly applicable to the Proposed Project.			
II. Objectives and goals related to Economic			
Existing/ Future Operations			
a)	Maintain the viability of Honolulu Harbor primary port, and ensure that the harbor operations will be able to accommodate all necessary existing and future inter-island and overseas state needs		X
b)	Seek to expand or enhance existing opera compatible and consistent with the long-range plans for the waterfront. Minimize dislocation impacts of non-compatible uses		X
c)	Where practical, seek to consolidate activities in order to provide more efficient services	X	
d)	Encourage the development of uses take advantage of or seek to promote Hawai'i's unique ocean opportunities	X	
Discussion: The Proposed Project will support the objectives and policies outlined above related to Economic-Existing/ Future Operations of the HWMP.			
The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawaii, and serve as an educational hub designed to enlighten the public about the art and science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the rich tapestry of Hawai'i's history.			
Financial			
a)	Seek to maximize public benefits and public costs for development within the project area		X
b)	Encourage private sector redevelopment where possible but provide sufficient off-site infrastructure or public/ private partnerships to reduce private sector risks		X

c)	Utilize innovative financing techniques to cover expenditures such as tax increment financing, user fees, etc.			X
Discussion: The objectives and policies outlined above related to Economic–Financial of the HWMP will not be directly applicable to the Proposed Project.				
Implementation/ Operational Responsibilities				
a)	Identify existing or create new government agencies, authorities, or development corporations which will be responsible for implementing the long-range waterfront plan			X
b)	Ensure that an umbrella organization has the power to update, monitor, and direct the overall implementation of the master plan on an on-going basis			X
Discussion: The objectives and policies outlined above related to Economic- Implementation/ Operational Responsibilities of the HWMP will not be directly applicable to the Proposed Project.				
Phasing				
a)	Do not proceed with any new development until there is sufficient market to support the project or an economic benefit to the State			X
b)	Seek to minimize adverse economic impacts on existing businesses and other activities during construction of off-site infrastructure and adjacent redevelopment projects			X
Discussion: The objectives and policies outlined above related to Economic–Phasing of the HWMP will not be directly applicable to the Proposed Project.				
III. Objectives and goals related to Social				
Employment				
a)	Enhance employment opportunities within the waterfront area to support the uses and activities being provided	X		
Discussion: The Proposed Project will support the objectives and policies outlined above related to Social–Employment of the HWMP. The Proposed Project is anticipated to employ approximately 75-125 full- and part-time employees. Furthermore, the implementation of the Proposed Project will maintain acceptable working conditions and standards by adhering to relevant labor laws, regulations, and industry best practices in terms of worker safety.				
Housing				
a)	Housing within the waterfront area should only be provided where it is not competing or conflicting with, nor impacted by, long-term maritime, commercial, industrial, recreational, cultural, or institutional uses which need or benefit from waterfront locations			X
b)	Housing should only be considered when its financial returns can contribute significantly to reducing public costs for waterfront improvements, and its presence will enhance the sense of community by providing people and activities in the area 24 hours a day			X
Discussion: The objectives and policies outlined above related to Social-- Housing of the HWMP will not be directly applicable to the Proposed Project.				
Development Impacts				
a)	Relocation sites and assistance should only be for existing activities which may prove to be incompatible with the waterfront area			X
b)	Uses within the waterfront area, particularly recreational and cultural, should be aimed at meeting the needs of the local residents, visitors second.	X		
Discussion: The Proposed Project will support the objectives and policies outlined above related to Social–Development Impacts of the HWMP.				

The Proposed Project aims to revitalize the waterfront by introducing a garden and art attraction, offering both residents and visitors a unique space that merges art, education, and the scenic beauty of the waterfront. Furthermore, the Proposed Project is anticipated to stimulate economic growth by drawing residents and visitors to the waterfront area, potentially attracting additional businesses and creating new opportunities for the local community.

Phasing

a) Recreational, cultural, and institutional functions should be provided in the waterfront area as regional needs for these particularly as generally by the growing residential areas mauka side of Nimitz Highway and Ala Moana Boulevard	X		
--	---	--	--

Discussion: The Proposed Project will support the objectives and policies outlined above related to Social-Phasing of the HWMP.

The Proposed Project is anticipated to be developed at the derelict Maritime Center at Pier 7 of Honolulu Harbor, along with Units 5 and 7 of the Honolulu Power Plant. The Proposed Project aims to introduce a garden and art attraction to activate the waterfront, providing Hawai'i residents and visitors a space that blends art, education, and the scenic beauty of the waterfront, while also honoring the historical significance of the Project Site.

4.2.6 City and County of Honolulu Land Use Ordinance

The purpose and intent of the City and County of Honolulu Land Use Ordinance (LUO) is to regulate land use in a manner that will encourage orderly development in accordance with adopted land use policies, including the O'ahu General Plan and development plans, and to promote and protect the public health, safety, and welfare.

Discussion:

According to the CCH LUO, the Project Site lies within the B-2 Community Business District and the Kaka'ako Community Development District (Kak) (See Figure 4-4).

The B-2 district provides areas for community-wide business establishments, serving multiple neighborhoods and offering a broader range of uses than in the B-1 district. The intent is to apply this district to areas conveniently accessible by vehicular and pedestrian modes and served by adequate public facilities. The front yard setback is five feet, with no side and rear setbacks for B-2 districts.

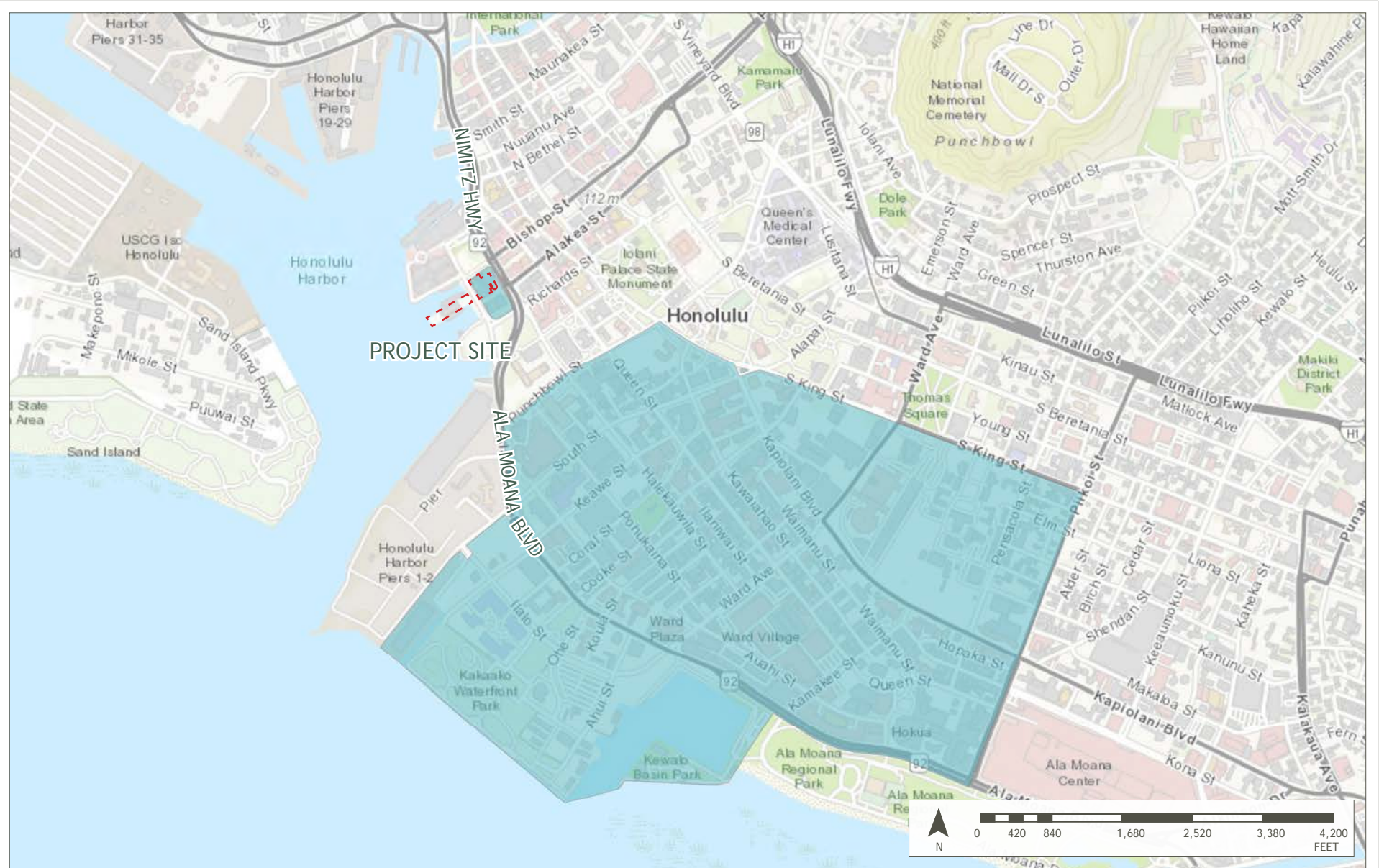
The Old Honolulu Power Plant portion of the Project Site lies within the Kak district, specifically under the Makai Area Plan (2005) (See Figure 4-5). The Makai Area encompasses the Honolulu Waterfront stretching from Kewalo Basin to the Aloha Tower boundary, later adjusting to include the waterfront from Kewalo Basin to Forrest Avenue, along with the Old Honolulu Power Plant. The overarching goal of the Makai Area is to foster an active, lively environment through various new developments, where each principle and element function together to create a physical environment that is suitable to live, work, and play, and its potential to contribute to economic development.



CITY AND COUNTY OF HONOLULU ZONING

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
4-4



MAKAI AREA PLAN

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
4-5

4.3 Permits and Approvals

The following is a list of permits, approvals, and reviews that may be required prior to construction and operation of the Proposed Project.

Federal

- Federal Aviation Administration (FAA) Form 7460-1, "Notice of Proposed Construction or Alteration"
- FAA Form 7460-1, "Technical Assistance Memorandum"

State of Hawai'i

Department of Land and Natural Resources

- Chapter 6E, HRS, State Historic Preservation Law

Department of Health

- Community Noise Permit
- Air Pollution Control Permit
- Individual Wastewater Treatment System Review

Department of Transportation

- Perform Work Upon State Highways Permit
- Operate or Transport Oversize and/or Overweight Vehicles and Loads Over State Highways Permit
- Occupancy and Use of State Highways Permit

City and County of Honolulu

Board of Water Supply

- Cross-Connection Control Requirements
- Backflow Prevention Requirements
- Water System Facilities Charge

Department of Planning and Permitting

- Special District Permit
- Building Permit
- Grading Permit/Trenching Permit
- Stockpiling Permit
- Demolition Permit
- Sewer Permit

Department of Transportation Services

- Lane Use / Occupancy Permit
- Street Usage Permit

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CHAPTER 5: ALTERNATIVES

5. ALTERNATIVES

Under § 11-200.1-18, HAR, an EA is required to present a discussion of the consideration of project alternatives that could reasonably attain the goals and objectives of the Proposed Project.

As presented in Chapter 2 of this EA., the goals and objectives of the Proposed Project are to:

- Align the Proposed Project with the Honolulu Waterfront Master Plan and development objectives of the ATDC;
- Revitalize and modernize the existing Maritime Center and the Honolulu Power Plant into a garden and art attraction to provide a variety of experiences at the water's edge;
- Foster and promote visual art and creative expression;
- Showcase glass art installations; and
- Serve as an educational resource by implementing programs, classes, demonstrations, and excursions designed to educate all segments of the population about art and the science of glass art.

In observance of these goals, the Proposed Project has considered a range of alternatives including: (1) the Proposed Project (a detailed description of the Proposed Project is provided in Chapter 2 and an assessment of the anticipated environmental impacts of the Proposed Project is provided in Chapter 3); (2) alternative locations to construct the Proposed Project; (3) alternative design concepts; (4) the No Action alternative.

The "No Action" alternative constitutes a scenario whereby the Proposed Project as described in Chapter 2 of the EA would not be implemented. In other words, the Project Site would remain as it currently exists now. General assessment of the No Action alternative clearly underscores that maintaining the status quo would not meet the spirit and intent of the objectives of the Proposed Project.

5.1 Alternative Locations

In exploring alternative locations for the Proposed Project, various sites were considered to assess their suitability and alignment with the project's goals and objectives. These alternative locations included potential areas along the Honolulu waterfront and other adjacent sites within the city. Factors such as accessibility, land availability, zoning regulations, and compatibility with the Honolulu Waterfront Master Plan and ATDC development objectives were evaluated during the assessment process.

While alternative locations were studied, it was determined that the selected Pier 7 and the Honolulu Power Plant sites best align with the project's vision and objectives. These sites offer proximity to existing infrastructure, and significant potential for synergy with surrounding uses and developments. Additionally, relocating the project to alternative sites would entail significant challenges such as land acquisition, permitting, and potential

disruption to established community dynamics. As a result, alternative locations were not pursued further in the analysis.

5.2 Alternative Design Schemes

As the design phase progresses, the design team continues to explore various alternative design schemes for both the Pier 7 and Honolulu Power Plant sites to identify design outcomes that best align with the goals and objectives of the Proposed Project, and mesh with the context of the surrounding area.

Specifically, a range of architectural design schemes were considered under the scope of the Proposed Project; however, the design scheme presented in Chapter 2 of this EA best reflects the anticipated design outcomes of the project and was selected to serve as the basis of the impact assessment.

5.3 No Action Alternative

Inclusion of the No Action Alternative in an alternatives analysis assists decision-makers with the evaluation of the extent of a Proposed Project's potential environmental impact by providing a baseline against which impacts can be measured and assessed.

Under the No Action Alternative, development under the Proposed Project would not be constructed, and the Project Site would remain in its current condition. The No Action Alternative would preclude permit approvals, as well as costs for design and construction, which would otherwise be required for the Proposed Project. The No Action Alternative would also avoid insignificant environmental impacts that would occur as a result of implementing the Proposed Project along with appropriate mitigation measures as discussed in Chapter 3 of this EA.

The No Action Alternative, however, would fail to align with the purpose and need of the Proposed Project as described in Section 2.2 of this EA. The Proposed Project aims to revitalize and modernize Pier 7 and the Honolulu Power Plant. The closure and dereliction of these facilities has resulted in a void of inactivity in the waterfront area, and the Proposed Project seeks to address this by breathing new life into these sites. Poised to transform the waterfront, the Proposed Project aspires to introduce a contemporary garden and art attraction. This new attraction aims to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about art and the science of glass art. Simultaneously, it commemorates the past by honoring the historical significance of the Project Site. Furthermore, the Proposed Project is anticipated to stimulate economic growth by attracting residents and visitors to the waterfront, potentially drawing additional businesses, and creating new opportunities for the local community.

Under the No Action Alternative, existing site conditions would remain the same, and would fail to align with the purpose and need / goals and objectives of the Proposed Project that are intended to offer residents and visitors a unique space that seamlessly merges art, education, and the revitalization of the waterfront. Notably, the No Action Alternative would prevent the realization of several significant benefits associated with the implementation of the Proposed Project including cultural vibrancy, economic vitality, educational outreach, employment opportunities, and aesthetic improvements to the waterfront. These unrealized

benefits would hinder the transformative potential the Proposed Project aims to bring to the community.

Ultimately, the No Action Alternative fails to meet the objectives of the Proposed Project and consequently, was rejected for further consideration as a feasible alternative.

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CHAPTER 6: ANTICIPATED DETERMINATION OF FONSI

6. ANTICIPATED DETERMINATION OF FONSI

Potential impacts of the Proposed Project on a range of environmental resource criteria have been evaluated in accordance with the significance criteria outlined in § 11-200.1-13, HAR. Discussion of the Proposed Project's conformance to the criteria is presented as follows:

- 1) *Irrevocably commit a natural, cultural, or historic resource;*

The Proposed Project will be developed within the footprint of Pier7 and Units 5 and 7 of the Honolulu Power Plant. No natural, cultural, or historic resources of significance were identified within the Project Site in conjunction with this EA Process.

Based on previous archaeological studies conducted in the region, it is unlikely that any unknown cultural or historic properties / human skeletal remains would be discovered or disturbed by the various development and operational activities of the Proposed Project. In the event of an unexpected discovery of historic and archaeological resources, the SHPD will be immediately notified for appropriate response and action. Thus, it is anticipated that if any significant plant or landscapes needs to be removed or altered to implement the Proposed Project, the plant or landscapes would be returned to existing conditions to the extent feasible or enhanced.

A Reconnaissance Level Survey (RLS) was completed for the Project Site to identify and evaluate the presence of significant historic architectural properties. According to the RLS (included herein as Appendix C), the Proposed Project is assumed to result in a "No Historic Properties Affected" finding.

- 2) *Curtail the range of beneficial uses of the environment;*

The Proposed Project will not curtail the range of beneficial uses of the environment. The operations and uses associated with the Proposed Project are generally consistent with the character of the surrounding area and are anticipated to seamlessly integrate into the Honolulu waterfront.

- 3) *Conflict with the State's environmental policies or long-term environmental goals established by law;*

The Proposed Project will not conflict with the long-term environmental policies, goals, and guidelines of the State of Hawai'i as noted throughout Chapter 4 of the EA. The State's environmental policies enumerated in Chapter 344, HRS, promote the conservation of natural resources, and an enhanced quality of life for all citizens. The Proposed Project does not conflict with the State's long-term environmental policies, goals, or guidelines as expressed in Chapter 344, HRS, and will not significantly impact natural resources since the Project Site is already disturbed and has been subject to intense human utilization since the Project Site was developed as a Maritime Center and the Honolulu Power Plant, which have both ceased operations.

-
- 4) *Have a substantial adverse effect on the economic welfare, social welfare, or cultural practices of the community and State;*

The Proposed Project is not anticipated to result in significant adverse impacts to the economic welfare, social welfare, or cultural practices of the community and State as discussed in Chapter 3 and 4 of the EA.

In the short-term, construction jobs will be created to develop and construct the Proposed Project. The construction of the Proposed Project will provide positive benefits to the local economy through construction expenditures, but not at a level that would generate any significant population expansion.

In the long-term, the Proposed Project will provide positive economic and social impacts to the community. The Proposed Project aims to revitalize the waterfront by introducing a contemporary garden and art attraction, drawing inspiration from the Chihuly Garden and Glass Museum in Seattle. This new attraction is anticipated to provide a variety of experiences at the water's edge, foster the promotion and expansion of creative arts in Hawai'i, and serve as an educational hub designed to enlighten the public about art and the science of glass art. Simultaneously, the Proposed Project seeks to commemorate the past by honoring the historical significance of the Project Site. In addition, the Proposed Project is anticipated to employ 75-125 full and part-time employees, providing new employment opportunities for the community.

The Proposed Project will not have an effect on cultural resources or practices at the Project Site as none exist as discussed in Section 3.7 (Cultural Resources) of the EA.

- 5) *Have substantial adverse effect on public health;*

No identified adverse short- nor long-term impacts on public health are anticipated to result from the construction and operation of the Proposed Project. Typical short-term construction-related impacts (e.g., noise and air quality) are anticipated; however, they will be temporary in nature and will comply with the Federal, State and County regulations discussed in Chapter 3 of the EA.

- 6) *Involve adverse secondary impact, such as population changes or effects on public facilities;*

Substantial adverse impacts to public facilities are not anticipated to result from the construction and operation of the Proposed Project. Moreover, the Proposed Project is not anticipated to induce population changes in the area or region, nor will it increase overall tourism to the island of O'ahu. The Proposed Project is intended to revitalize the waterfront by introducing a contemporary garden and art attraction that will serve as space that seamlessly merges art and education.

Existing public water, wastewater, drainage, and utility infrastructure have served the area for many years and are expected to have sufficient capacity to serve anticipated demands for the

Proposed Project. Agencies with jurisdiction over their respective infrastructure systems will be consulted as the Proposed Project proceeds to assure that it can be accommodated.

7) *Involve a substantial degradation of environmental quality;*

The Proposed Project is not anticipated to substantially degrade environmental quality. Long-term impacts to air and water quality, noise levels and natural resources will be minimal. Typical short-term impacts derived from construction activities (e.g., noise and air quality) are anticipated but will be temporary and will comply with State and County regulations as discussed in Chapter 3 will help ensure that the Proposed Project will not result in the degradation of environmental quality.

8) *Be individually limited but cumulatively have substantial adverse effect upon the environment or involves a commitment for larger actions;*

The Proposed Project is not anticipated to have considerable effect upon the environment as discussed in Chapter 3 of the EA. there are no commitments to further action beyond the scope presented within this EA.

9) *Have substantial adverse effect on rare, threatened, or endangered species, or its habitat;*

No rare, threatened and/or endangered flora or fauna species are known to inhabit the Project Site as discussed in Section 3.5 (Natural Environment) of the EA. The Project Site is situated within a highly altered urban environment in Downtown Honolulu. The flora and fauna in the vicinity of the Project Site is consistent with the highly altered environment. This includes entirely maintained landscaping and associated weeds. Species most commonly frequenting the site and vicinity are typical of urban areas and consist of commonly introduced species.

The Proposed Project is not anticipated to have any adverse effects on rare, threatened, or endangered species or any critical habitat areas. Soil disturbing construction related activities may unearth soil and plant material that potentially contains invasive fungal pathogens vertebrate and invertebrate pests (e.g. Little Fire Ants, Coconut Rhinoceros Beetles), or invasive plant parts that could harm Hawai'i's native species and ecosystems. In general, to reduce potential impacts, the mitigation measures presented in Section 3.5.1 (Flora and Fauna) are recommended.

10) *Have a substantial adverse effect on air or water quality or ambient noise levels;*

No long-term significant adverse impacts to air quality, water quality, or noise levels within the Project Site are anticipated as a result of the construction and operation of the Proposed Project. Land disturbing activities include demolition, foundation work, and potential utility repairs and upgrades. Construction and operation of the new facilities will be performed in accordance with Federal, State, and County regulations, thereby minimizing potential impacts to air and water quality.

In the short-term, noise from construction activities such as demolition, clearing, and paving will be unavoidable. The increase in noise level will vary according to the particular phase of construction. Noise may also increase as a result of operating power equipment during the construction period. Construction noise impacts will be mitigated by compliance with provisions of the State DOH Administrative Rules, Title 11, Chapter 46, "Community Noise Control" regulations. These rules require a noise permit if the noise levels from construction activities are expected to exceed the allowable levels stated in the DOH Administrative Rules. It shall be the contractors' responsibility to minimize noise by properly maintaining noise mufflers and other noise-attenuating equipment, and to maintain noise levels within regulatory limits. Fugitive dust will be controlled, as required, by methods such as dust fences, water spraying, and sprinkling of loose or exposed soil or ground surface areas. Planting of landscaping and stabilization measures will be done as soon as possible on completed areas to help control erosion and runoff that could potentially enter the stream in the long-term. Respective contractors will be responsible for minimizing air quality impacts during the various phases of construction. Exhaust emissions from construction vehicles are anticipated to have negligible impact on air quality in the project vicinity as the emissions would be relatively small and readily dissipated. In the long-term, some vehicular emissions related to operation at the Project Site are expected, however, due to the generally prevailing trade winds, the emissions would be readily dissipated.

- 11) *Have substantial adverse effect on or be likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, sea level rise exposure area, beach, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters;*

No short-term or long-term significant impacts are anticipated as the Project Site is not located within an environmentally sensitive area related to coastal or flood hazards as noted in Section 3.4 (Natural Hazards of the EA).

According to the FIRM, the Project Site is designated within Flood Zone VE, AE, and X. In the short-term, applicable best management practices would be implemented including, but not limited to, temporary sediment basins, temporary diversion berms and swales to intercept runoff, silt fences, dust fences, slope protection, stabilized construction vehicle entrance, grate inlet protection, truck wash down areas, and use of compost filter socks so that impacts of flooding are not exacerbated from construction. In the long-term, the Proposed Project will incorporate applicable drainage improvement and appropriate building codes related to flooding impacts.

- 12) *Have substantial adverse effect on scenic vistas and view planes, during day or night, identified in County or State plan or studies; or*

The Proposed Project will not result in significant impacts to view planes identified in County or State plans or studies. Moreover, the Proposed Project is not expected to adversely affect scenic and visual resources in the area. The Proposed Project will not degrade lateral coastal views or mauka-makai views from areas in the vicinity of the Project Site. The Proposed Project is anticipated to be designed and consistent with the existing visual character of the surrounding areas and the align with the Honolulu Waterfront Master Plan and development objectives of the ATDC.

13) *Require substantial energy consumption or emit substantial greenhouse gas.*

The construction and operation of the Proposed Project will not require substantial energy consumption. The implementation of the Proposed Project will result in short-term irrevocable release of GHGs from construction activities, which will be temporary and the quantities of GHGs released will be negligible. Moreover, the contractors from the construction of the Proposed Project will be responsible for preparing a dust control plan compliant with the provisions of Chapter 11-60.1, HAR Air Pollution Control.

Based on the finding and the assessment of potential impacts, the Proposed Project does not require preparation of an environmental impact assessment and an anticipated FONSI is determined.

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CHAPTER 7: CONSULTATION

7. CONSULTATION

7.1 Early Consultation Package

The Early Consultation/Pre-Assessment process included efforts to inform the community and solicit input in scoping the EA for the Proposed Project. The Early Consultation/Pre-Assessment Package for the Proposed Project was mailed out on April 10, 2023, to the following agencies, organizations, and stakeholders listed below in preparation of the EA process. Consultation was conducted to solicit comments regarding potential concerns and requirements pursuant to refining the scope of EA documentation. Parties that formally replied during the Early Consultation/Pre-Assessment process are indicated by a " ✓ " below. All written comments are reproduced in Appendix H.

Federal Agencies

- U.S. Environmental Protection Agency
- ✓ U.S. Department of Interior, Fish and Wildlife Service
- U.S. Army Corps of Engineers

Federal Representatives

Senator Mazie Hirono
Senator Brian Schatz
Representative Ed Case
Representative Jill Tokuda

State Agencies

- Aloha Tower Development Corporation
- ✓ Department of Accounting and General Services
- Department of Business, Economic Development and Tourism (DBEDT)
- DBEDT, Hawai'i State Energy Office
- DBEDT, Land Use Commission
- DBEDT, Office of Planning and Sustainable Development (OPSD)
- DBEDT, Hawai'i Community Development Authority
- DBEDT, Hawai'i Tourism Authority
- OPSD, Environmental Review Program
- ✓ Department of Defense
- Department of Health (DOH)
- DOH, Environmental Management Division
- DOH, Hazard Evaluation and Emergency Response Office
- DOH, Safe Drinking Water Branch
- ✓ Department of Land and Natural Resources (DLNR)
- ✓ DLNR, Division of Aquatic Resources
- ✓ DLNR, Division of Boating and Ocean Recreation
- DLNR, Office of Coastal and Conservation Lands
- DLNR, Historic Preservation District
- Department of Hawaiian Home Lands
- Department of Transportation (HDOT)

DOT, Harbors Division
DOT, Highways Division
DOT, Airports Division
Office of Hawaiian Affairs

State Representatives

Senator Karl Rhoads
Senator Sharon Moriwaki
Representative Scott K. Saiki

City and County of Honolulu Agencies

- Board of Water Supply
- ✓ Department of Community Services
- Department of Design and Construction
- Department of Environmental Services
- ✓ Department of Facility Maintenance
- Department of Parks and Recreation
- Department of Planning and Permitting
- ✓ Department of Transportation Services
- ✓ Honolulu Fire Department
- ✓ Honolulu Police Department
- Office of Climate Change, Sustainability, and Resiliency
- Office of the Mayor

City Council

- ✓ Councilmember Tyler Dos Santos-Tam

Utility Companies

Hawai'i Gas
Spectrum Hawai'i
Hawaiian Telecom
Hawaiian Electric Company

Other Interested Parties and Individuals

Hawai'i Pacific University

CHAPTER 8: REFERENCES

8. REFERENCES

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APPENDIX A

AECOS, Inc.
Natural Resource Assessment for Tradewinds Garden and Glass,
Honolulu, O'ahu.

Natural resources assessment for Tradewinds Garden & Glass, Honolulu, O'ahu



AECOS Inc.
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February 7, 2024

Natural resources assessment for Tradewinds Garden & Glass, Honolulu, O‘ahu

February 7, 2024

DRAFT

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Introduction

Garden Art, LLC proposes to repurpose three existing structures for the Tradewinds Garden & Glass Project (herein the “Project”)¹. These structures include two decommissioned power plant buildings at 170 Aloha Tower Dr. and one structure at Pier 7 of Honolulu Harbor, located in Honolulu, O‘ahu (Figure 1). AECOS, Inc. has been subcontracted by Wilson Okamoto Corporation (WOC) to conduct a biological survey of flora and fauna within the two parcels of land that contain these structures. In addition, AECOS has provided information on common biota and marine community composition in Honolulu Harbor based on extensive experience in the area. A marine biological survey was not undertaken for this report.

Methods

Botanical Survey

AECOS biologists Gioconda López and Patricia Myer walked the Project parcels on the morning of January 17, 2024. Plant species were identified as they were encountered, and notes were taken to develop a relative abundance for each species recorded. Species names follow *Manual of the Flowering plants of Hawai‘i* (Wagner et al., 1990; Wagner & Herbst, 1999) for native and naturalized

¹ This report is intended to become part of the public record by incorporation into the EA prepared for the subject project. The recommendations provided by AECOS do not account for any in-water work.

flowering plants, *Hawai'i's Ferns and Fern Allies* (Palmer, 2003), *Taxonomic and Nomenclatural Updates to the Fern and Lycophyte Flora of the Hawaiian Islands* (Ranker et al., 2019) for ferns, and *A Tropical Garden Flora* (Staples & Herbst, 2005) for ornamental and agricultural plants. More recent name changes for naturalized flowering plants mostly follow Imada (2019).



Figure 1. Project location on the Island of O'ahu.

Terrestrial Vertebrates Survey

Avian Biota

AECOS biologists characterized the avian assemblage at the Project parcels in the morning hours of January 17, 2024, the most active time of day for birds. Visual observations were aided by Bushnell 10 x 42 mm binoculars. Weather conditions were good for avian observations, with no rain and slight wind (5 mph) for most of the survey. Cloud cover was at around 30% at the beginning, but after two hours, it had increased to 80%. Light rain began in the last five minutes of the survey.

The avian phylogenetic order and nomenclature used in this report follows the AOU *Check-List of North and Middle American Birds 2022* (Chesser et al., 2022) and the 64th supplement to the checklist (Chesser et al., 2023). Local common names are provided for indigenous and endemic species.

Terrestrial Mammals

Both biologists recorded all mammals encountered during the surveys. Indicators of mammalian presence, such as tracks, scat, and other sign were noted. Mammalian phylogenetic order and nomenclature follow *Mammal Species of the World* (Wilson & Reeder, 2005) and Pinzari et al. (2020) for Hawaiian hoary bat.

Insects

All coconut palms encountered were investigated for signs of damage by coconut rhinoceros beetle (*Oryctes rhinoceros*), which is indicated by large bores in the crowns of coconut palms, with distinctive V-shaped cuts (HISC, 2023). Observations were aided by Bushnell 10 x 42 mm binoculars. No evidence of coconut rhinoceros beetle was observed.

Results

Vegetation

Vegetation on the Project parcels is dominated by a lawn of pitted beardgrass (*Bothriochloa pertusa*) and zoysia grass (*Zoysia matrella*). Multiple species of palms are planted throughout the parcels, which provide only limited canopy cover throughout the property. The vegetation on Pier 7 was closely examined, as biologists were given full access, however, the power plant area included a fenced-in parking lot that was not accessible, so observations were made from outside the fence. This parking lot is paved and featured palms, ferns, and herbs present elsewhere in the survey area.

Flora

A botanical listing (flora) with relative abundance for all plant taxa encountered in the survey is presented in Table 1. Entries are arranged alphabetically under family names and include scientific name, common name, status (i.e., native or non-native; see key at end of table), and a relative abundance value by survey area. "Status" reflects the state-wide distribution of the species.

A total of 69 plant taxa were recorded during the January 2024 survey: five ferns and 64 angiosperms (flowering plants). Among them, three (4%) species are early Polynesian introductions (so-called “canoe plants”), and six are indigenous species representing 9% of the total. No endemic native species were recorded. All the remaining taxa are plants introduced to the Hawaiian Islands after 1778, including 49 (67%) naturalized species (i.e., grow naturally in the wild) and 11 (16%) ornamental species (i.e., species not found in the wild).

The indigenous species recorded are the fern/fern allies *palapalai* (*Microlepia strigosa*) and *moa* (*Psilotum nudum*), the trees *hau* (*Hibiscus tiliaceus*) and *milo* (*Thespesia populnea*), and the widespread *naupaka kahakai* (*Scaevola taccada*) and *‘uhaloa* (*Waltheria indica*). Early Polynesian introductions recorded are: *niu* or coconut (*Cocos nucifera*), *ti* or *kī* (*Cordyline fruticosa*), and *‘ihi’ae* (*Oxalis corniculata*). With the exception of *‘uhaloa* and *‘ihi’ae*, these species are all part of the landscaping, with some growing in an enclosed area (Table 1). These are all common plants across the Hawaiian Islands.

Table 1. Listing of plants observed in the Aloha Tower Dr. parcels, Honolulu, O’ahu.

Species listed by family	Common name	Status	Abundance	Notes
PTERIDOPHYTES - FERNS & FERN ALLIES				
DENNSTAEDTIACEAE				
<i>Microlepia strigosa</i> (Thunb.) C.Presl var. <i>strigosa</i>	<i>palapalai</i>	Ind	p	<2>
NEPHROLEPIDACEAE				
<i>Nephrolepis brownii</i> (Desv.) Hovenkamp & Miyam.	---	Nat	U	
POLYPODIACEAE				
<i>Phymatosorus grossus</i> (Langsd. & Fisch.) Brownlie	<i>laua’e</i>	Nat	U	
PSILOTACEAE				
<i>Psilotum nudum</i> (L.) P. Beauv.	<i>moa</i>	Ind	p	<2>
THELYPTERIDACEAE				
<i>Christella parasitica</i> (L.) H. Lév.	wood fern	Nat	p	<2>

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
<i>FLOWERING PLANTS</i>				
MONOCOTS				
ARACEAE				
<i>Epipremnum pinnatum</i> (L.) Eng	pothos	Nat	R	
ARECACEAE				
<i>Cocos nucifera</i> L.	<i>niu</i> , coconut palm	Pol	U	
<i>Hyophorbe lagenicaulis</i> (L.H.Bailey)	bottle palm	Orn	R	
<i>Ptychosperma elegans</i> (R.Br.) Blume	solitaire palm	Orn	R	
<i>Wodyetia bifurcata</i> Irvine	foxtail palm	Orn	U	
ASPARAGACEAE				
<i>Cordyline fruticosa</i> L.	<i>kī</i>	Pol	p	<2>
<i>Cordyline fruticosa</i> cultivar	ti	Orn	U	
<i>Dracaena marginata</i> Lam.	money tree	Orn	p	<3>
CYPERACEAE				
<i>Cyperus gracilis</i> R. Br.	McCoy grass	Nat	U	
<i>Cyperus rotundus</i> L.	nut grass	Nat	U	
LILIACEAE				
<i>Crinum asiaticum</i> L.	giant lily	Nat	R	
POACEAE				
<i>Bothriochloa pertusa</i> (L.) A. Camus	pitted beardgrass	Nat	A	
<i>Chloris barbata</i> (L.) Sw.	swollen fingergrass	Nat	C	
<i>Cenchrus echinatus</i> L.	common sandbur	Nat	R	
<i>Eleusine indica</i> (L.) Gaertn.	wiregrass	Nat	U	
<i>Eragrostis amabilis</i> (L.) Wight & Arnott	Japanese lovegrass	Nat	U	
<i>Zoysia matrella</i> (L.) Merr. var. <i>pacifica</i> Goudsw	Zoysia grass	Orn	A	
<i>FLOWERING PLANTS</i>				
EUDICOTS				
ACANTHACEAE				
<i>Barleria repens</i> C. Nees	pink-ruellia	Nat	R	
AIZOACEAE				
<i>Trianthema portulacastrum</i> L.	---	Nat	R	
AMARANTHACEAE				
<i>Alternanthera pungens</i> Kunth	khaki weed	Nat	R	
<i>Amaranthus viridis</i> L.	slender amaranth	Nat	R	
APOCYNACEAE				
<i>Plumeria obtusa</i> L.	Singapore plumeria	Orn	U	

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
ASTERACEAE (COMPOSITAE)				
<i>Ageratum conyzoides</i> L.	<i>maile hohono</i>	Nat	R	
<i>Calyptocarpus vialis</i> Less.	---	Nat	U	
<i>Cyanthillium cinereum</i> (L.) H. Rob.	little ironweed	Nat	R	
<i>Emilia sonchifolia</i> (L.) DC.	Flora's paintbrush	Nat	U	
<i>Erigeron canadensis</i> L.	horseweed	Nat	R	
<i>Sonchus oleraceus</i> L.	<i>pualele</i>	Nat	U	
<i>Tridax procumbans</i> L.	coat buttons	Nat	C	
BERBERIDACEAE				
<i>Nandina domestica</i> Thunb.	heavenly bamboo	Orn	R	
BIGNONIACEAE				
<i>Tabebuia heterophylla</i> (DC.) Britton	pink tecoma	Nat	R	<1>
BRASSICACEAE				
<i>Lepidium didymum</i> L.	swinecress	Nat	R	
<i>Lepidium virginicum</i> L.	---	Nat	R	
<i>Brassica rapa</i> L.	field mustard	Nat	R	<1>
CLUSIACEAE				
<i>Clusia rosea</i> Jacq.	autograph tree	Nat	R	
CONVOLVULACEAE				
<i>Ipomoea obscura</i> (L.) Ker-Gawl.	---	Nat	R	
EUPHORBIACEAE				
<i>Codiaeum variegatum</i> (L.) Blume	croton	Orn	R	
<i>Euphorbia hirta</i> L.	garden spurge	Nat	U	
<i>Euphorbia hypericifolia</i> L.	graceful spurge	Nat	U	
<i>Euphorbia prostrata</i> Aiton	prostrate spurge	Nat	R	
FABACEAE				
<i>Desmodium incanum</i> DC.	Spanish clover	Nat	U	
<i>Indigophera hendecaphyla</i> Jacq.	creeping indigo	Nat	U	
<i>Leucaena leucocephala</i> (Lam.) de Wit	<i>koa haole</i>	Nat	U	
<i>Macroptilium lathyroides</i> (L.) Urb.	cow pea	Nat	R	
GOODENACEAE				
<i>Scaevola taccada</i> (Gaertn.) Roxb.	<i>naupaka kahakai</i>	Ind	U	
MALVACEAE				
<i>Hibiscus tiliaceus</i> L.	<i>hau</i>	Ind	R	
<i>Malva parviflora</i> L.	cheeseweed	Nat	R	
<i>Malvastrum coromandelianum</i> (L.) Garcke	false mallow	Nat	O	
<i>Sida ciliaris</i> L.	---	Nat	O	

Table 1 (continued).

Species listed by family	Common name	Status	Abundance	Notes
MALVACEAE (cont.)				
<i>Thespesia populnea</i> (L.) Sol ex Corrêa	<i>milo</i>	Ind	R	
<i>Waltheria indica</i> L.	<i>'uhaloa</i>	Ind	R	
MORACEAE				
<i>Artocarpus altilis</i> (Z.) Fosb.	breadfruit, <i>'ulu</i>	Orn	R	
<i>Ficus macrophylla</i> Pers.	Moreton Bay fig	Orn	p	<3>
MYRTACEAE				
<i>Psidium cattleianum</i> Sabine	strawberry guava	Nat	U	
NYCTAGINACEAE				
<i>Boerhavia coccinea</i> Mill.	false alena	Nat	U	
OXALIDACEAE				
<i>Oxalis corniculata</i> L.	<i>'hi'ae</i> , yellow wood sorrel	Pol	p	<2>
PASSIFLORACEAE				
<i>Passiflora</i> sp.	---	Nat	R	<1>
PLANTAGINACEAE				
<i>Plantago lanceolata</i> L.	English plantain	Nat	R	
PHYLLANTHACEAE				
<i>Phyllanthus debilis</i> Klein ex Willd.	<i>niuri</i>	Nat	R	
POLYGONACEAE				
<i>Coccoloba uvifera</i> (L.) L.	sea grape	Nat	R	
PORTULACACEAE				
<i>Portulaca oleracea</i> L.	pigweed	Nat	R	
RUBIACEAE				
<i>Oldenlandia corymbosa</i> L.	---	Nat	R	
RUTACEAE				
<i>Murraya paniculata</i> (L.) W. Jack	mock orange	Nat	R	
VERBENACEAE				
<i>Citharexylum caudatum</i> L.	fiddlewood	Nat	p	<3>

Legend to Table 1

STATUS = distributional status for the Hawaiian Islands:

Ind - indigenous; native to Hawai'i, but not unique to the Hawaiian Islands.

Nat - naturalized, exotic, plant introduced to the Hawaiian Islands since the arrival of the Cook Expedition in 1778, and well-established outside of cultivation.

Orn - exotic, ornamental or cultivated; plant not naturalized (not well established outside of cultivation).

Pol - Polynesian introduction before 1778.

ABUNDANCE = occurrence ratings for plants by area:

R - Rare seen in only one or perhaps two or three times.

U - Uncommon seen at most in several locations.

Table 1 (continued).

O - Occasional seen with some regularity.
 C - Common observed numerous times during the survey.
 A - Abundant found in large numbers; may be locally dominant.
 P - Present abundance not established due to the intentional
 cultivation of the plant for ornamental or edible purposes.

NOTES:

- <1> Plant juvenile or lacking flowers or fruit; identification therefore uncertain.
- <2> Species recorded in enclosed garden on the *makai* side of HECO building.
- <3> Plants recorded in a planter outside of pier 7.

Avian Fauna

A total of 7 bird species, representing 5 separate families, were recorded during the survey as incidental observations. Native bird species found at the Project site or vicinity include only indigenous white tern (*Gygis alba*). The remaining species recorded are non-native introductions that have become naturalized in Hawai'i.

Table 2. Avian species observed in the Project vicinity.

Common Name	ORDER FAMILY <i>Species</i>	Status
	COLUMBIFORMES	
	COLUMBIDAE	
Rock Pigeon	<i>Columba livia</i>	NN
Spotted Dove	<i>Streptopelia chinensis</i>	NN
Zebra Dove	<i>Geopelia striata</i>	NN
	CHARADRIIFORMES	
	LARIDAE	
White Tern, <i>manu o Kū</i>	<i>Gygis alba</i>	IR
	PASSERIFORMES	
	ESTRILDIDAE	
Java Sparrow	<i>Padda oryzivora</i>	NN
	FRINGILLIDAE	
House Finch	<i>Haemorhous mexicanus</i>	NN
	THRAUPIDAE	
Red-crested Cardinal	<i>Paroaria coronata</i>	NN

Table 2 (continued).

Legend to Table 2

Status:

NN = Non-native; alien introduced species.

IR = Indigenous resident.

The avian diversity observed during the survey is consistent with habitats present in this urban area. All recorded birds were spotted numerous times. White tern, cardinals, finches, and sparrows were spotted around Pier 7. Spotted dove, zebra dove, and rock pigeon surrounded the decommissioned power plant buildings.

Terrestrial Mammals

No mammals were observed during the survey; however, it is probable that one or more of the four Muridae found on O'ahu—roof rat (*Rattus rattus*), brown rat (*Rattus norvegicus*), Polynesian rat (*Rattus exulans hawaiiensis*), and European house mouse (*Mus musculus domesticus*)—use resources within the general Project area. We observed numerous rodent traps throughout the parcels. These mammalian species are non-native and deleterious to native ecosystems and native faunal species within them.

Marine Biota

Over the past century, Honolulu Harbor has undergone drastic physical changes, with gradual development and modifications of the harbor shoreline, including the construction of Sand Island on barrier reef islets and the dredging of the basins and Kalihi Channel to support ship traffic. Coastal wetlands that once surrounded the harbor were filled to construct docks and wharves.

Two benthic habitat types are recognized throughout Honolulu Harbor: the soft bottom substrate of the harbor floor and the hard substrate along the shoreline perimeter, including both man-made and naturally occurring substrate that has been modified over the past century to construct the harbor. At Pier 7, both soft substrate and hard substrate habitats occur.

The soft substrate community consists primarily of dark, very soft silt and fine sand with no evidence of any surface-dwelling macroinvertebrates, macroalgae, or seagrass beds. With the exception of numerous small (typically <1 cm) burrow holes, the bottom lacks visible structural features. However, it is known that soft sediment habitats, in general, support a diverse community likely consisting

primarily of polychaetes, crustaceans, mollusks, and burrow-dwelling fish living just within the mud. Species adapted to this habitat structurally alter the habitat through bioturbation, burrowing, and tube building. The abundance of mobile invertebrate feeding fish (e.g. yellow tang [*Zebrasoma flavescens*] and moorish idol [*Zanclus cornutus*]) observed in the waters off Pier 7 are at least partially dependent upon these bottom dwelling organisms for their food. Members of this community have the most direct link to managed fishery species. The soft bottom community provides food either directly or in the form of eggs and larvae broadcast into the water column.

The hard substrate surrounding Pier 7 is artificial and vertically oriented around the shoreline perimeter. The substrate is primarily encrusted with a biofouling community typical of Honolulu Harbor (AECOS, 2016; 2023), including hydroids (*Pennaria disticha*), bryozoans (*Bugula denata* and *Amathia distans*), sponges, bivalves (*Isognomon perna* and *Dendostrea sandvicensis*), anemones (*Aiptasia pulchella*), and tunicates (*Phallusia nigra* and *Herdmania momus*). Throughout the harbor, coral colonies are present within the fouling community. Colonies are primarily located within the upper portions of the hard substrate (upper 10 ft or 3 m) and are less abundant in deeper portions (AECOS, 2016; 2023). Common coral species observed throughout the harbor include *Porites lobata*, *P. compressa*, *Leptastrea* spp., *Pavona varians*, and *Cyphastrea ocellina* (AECOS, 2016; 2023).

State- and federally-listed marine species—green sea turtle (*Chelonia mydas*), hawksbill sea turtle (*Eretmochelys imbricata*), and monk seal (*Neomonachus schauinslandi*)—may occur in the general vicinity of the Project, considering the distribution of these species and their occurrences throughout the Islands as discussed below.

Discussion and Recommendations

Recommendations are partly based on U.S. Fish and Wildlife Service Animal Avoidance and Minimization Measures (USFWS-PIFWO, 2023). Implementation of the recommendations (provided below as bulleted items) by the Project contractor will minimize impacts to listed species to the maximum extent practicable.

Botanical Resources

Most of the Project area is either landscaped or overgrown by weeds and grasses. Although occurrences of native flora are present within the Project area, these plants are all common species, and their respective populations are more

numerous outside of the survey area. No plants proposed or listed as threatened or endangered species as set forth in the Endangered Species Act of 1973 as amended (16 U.S.C. 1531-1543; USFWS, n.d.-a; HDLNR, 1998) were seen in the project area. For plants, state listing follows the federal listing.

Avian Resources

Seabirds

Six of the seven avian species detected during this survey are non-native introduced species naturalized in the Hawaiian Islands. White tern (*Gygis alba*) or *manu o Kū*, is an indigenous seabird listed as threatened under State of Hawai'i endangered species statute, HRS 195D (HDLNR, 2015). In the main Hawaiian Islands, the majority of the white tern population is restricted to central urban and suburban Honolulu, with a known nesting and breeding range extending from Aloha Tower to Niu Valley (VanderWerf & Downs, 2018). This project area is within the known nesting area of the White Tern population.

White tern typically nest from January to June, and lay eggs on tree branches 5-10 m (16-33 ft) above the ground, commonly in monkeypod, *kukui*, shower, and mahogany trees (VanderWerf & Downs, 2022). These preferred trees are not present at the Project site.

U.S. Fish and Wildlife Service (USFWS) provides the following recommendations for the species:

- If tree trimming or removal is anticipated for the Project, trees slated to be cut should be surveyed for nesting White Terns, especially during the White Tern breeding season (January to June). If an egg is found, the nesting tree or branch should not be disturbed for at least 80 days (USFWS-PIFWO, 2023).

Given the Project location in a coastal environment, protected night-flying Hawaiian seabirds are likely to overfly or otherwise utilize the parcel. Protected seabirds in Hawai'i include Wedge-tailed Shearwater (*Ardenna pacifica*), Hawaiian Petrel (*Pterodroma sandwichensis*), Newell's Shearwater (*Puffinus newelli*), and Band-rumped Storm-Petrel (*Hydrobates castro*). In the summer and fall, night-flying seabirds (especially fledglings) transiting to the sea from inland can become disoriented by exterior lighting. When disoriented, seabirds may collide with man-made structures or the ground. If not killed outright, dazed or injured birds are targets of opportunity for feral mammals (Podolsky et al., 1998; Ainley et al., 2001; Day et al., 2003). The primary cause of mortality in these seabird species is predation by alien mammalian species at the nesting colonies (USFWS, 1983; Ainley et al., 2001). Collision with man-made structures is considered the second-most significant cause of mortality of these seabirds in

Hawai'i. No suitable nesting habitat for seabird species occurs in or near the Project area.

- The Project can minimize or avoid risks to protected night-flying seabirds by not conducting night-time construction and ensuring that all outdoor lighting is fully shielded (dark sky compliant; see HDLNR-DOFAW, 2016).

No nests, burrows, or other sign (feathers, eggs, scat) of Wedge-tailed Shearwater were observed at the parcel, and it appears that no seabirds have recruited to the site. Project construction activities at the parcel should not adversely affect Wedge-tailed Shearwater nests, as none is present on-site. As Wedge-tailed Shearwater typically return to their natal colonies, recruitment away from such locations is limited. Despite a low probability, if a nest is found during construction, work in the vicinity should be suspended and USFWS notified. USFWS provides the following recommendations:

- If Wedge-tailed Shearwater nest within a proposed project area and construction would cause ground disturbance, time project construction to occur outside of the breeding season (March through November; USFWS-PIFWO, 2023).
- Use opaque shields on outdoor lighting, positioned so that the bulb is only visible from below and the light source cannot be seen from the beach. In addition, use motion sensor controls so that lights are off when the area is not in use (USFWS-PIFWO, 2023).

Three of the other night-flying Hawaiian seabird species (Hawaiian Petrel, Newell's Shearwater, and Band-rumped Storm-petrel) nest at high elevations in the mountains, precluding nesting disturbance by the Project.

Terrestrial Mammalian Resources

Hawaiian Hoary Bat

It is possible that the endangered Hawaiian hoary bat (*Lasiurus semotus*) uses resources in the area. Tall trees are suitable for roosting by Hawaiian hoary bat. This bat species is solitary and rare but has a widespread distribution in Hawai'i. The Hawaiian hoary bat uses multiple roosts within a home territory (Bonaccorso, 2015), so the disturbance associated with removal of any particular tree would be minimal. An exception might be during the pupping season if a female bat carrying a pup or an unattended pup is in a tree being felled; these individuals could be unable to flee the tree.

- Potential adverse impacts to Hawaiian hoary bat can be avoided or minimized by not clearing woody vegetation taller than 4.6 m (15 ft) between June 1 and September 15, the bat pupping season, and by avoiding the use of barbed wire for fencing (USFWS-PIFWO, 2023).

Marine Biota

Hawaiian Monk Seal

The Hawaiian monk seal (*Monachus schauinslandi*) was first listed as an endangered species pursuant to the Endangered Species Act (ESA) on November 23, 1976 (41 FR 51612) and remains listed as endangered. In that same year, the Hawaiian monk seal population was designated as "depleted" under the Marine Mammal Protection Act (MMPA). Critical habitat for Hawaiian monk seal in the Main Hawaiian Islands (MHI) is marine habitat from the 200-m (650 ft) depth contour line, including the seafloor and all subsurface waters and marine habitat within 10 m (33 ft) of the seafloor to the water's edge. This critical habitat extends 5 m (16 ft) beyond the water's edge into the terrestrial environment between identified boundary points that identify preferred Hawaiian monk seal pupping areas and significant haul-out areas, as defined in the final rule (NOAA-NMFS, 2015).

However, waters off federal military bases and waters within constructed boat harbors are excluded from critical habitat for this species. In addition, specific types of features within a designated critical habitat area may be excluded from critical habitat designation, including "docks, seawalls, piers, fishponds, roads, pipelines, ramparts, jetties, groins, buildings, pilings, and bulkheads" because these habitats do not meet the definition of critical habitat. Therefore, Pier 7 is excluded as a structure and by location within a harbor.

Sea Turtles

The distinct population segment of green sea turtle that occurs in Hawai'i is federally-listed as a threatened species (USFWS, n.d.-a; USFWS-PIFWO, 2023) and as a threatened subspecies (*Chelonia mydas agassizi*) under Hawai'i state regulations (HDLNR, 2014). Green sea turtle nesting is not known to occur on O'ahu, but they do forage and bask around the island. Honolulu Harbor does not contain significant grazing habitat for green sea turtles. Sea turtles have been observed within the harbor, but no basking has been documented in the vicinity of the Project site (NOAA-NMFS, 2023).

Hawksbill sea turtle is much less common in the Hawaiian Islands than green sea turtle and is known to nest only in the southern reaches of the state (NOAA-PIFSC,

2010), with no nesting documented on O'ahu (Gaos et al., 2021). Hawksbill sea turtle is federally-listed as endangered (USFWS, n.d.-a; USFWS-PIFWO, 2023) and is also listed as an endangered subspecies (*Eretmochelys imbricata bissa*) under State of Hawai'i regulations (HDLNR, 2014).

- If a foraging sea turtle is found at the Project area, cease all mechanical or construction activities within 30 m (100 ft) until the animal voluntarily leaves the area.
- Minimize the use of lighting and shield all project-related lights so the light is not visible from any beach, as this may interfere with sea turtles during the nesting season (May to December).

Other Resources of Potential Concern

Critical Habitat

Federally delineated Critical Habitat is not present in the Project area (USFWS, n.d.-b). No in-water work is proposed; thus, the Project will not impinge on jurisdictional waters.

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APPENDIX B

Honua Consulting
Archaeological Literature Review and Field Inspection

**Archaeological Literature Review & Field Inspection for
for Tradewinds Garden and Glass Museum,
Honolulu Ahupua‘a, Kona (Honolulu) District,
O‘ahu Island TMK: [1] 2-1-014:006,
[1] 2-1-001:057 and 058**



**Prepared for
Wilson Okamoto Corporation**

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Honolulu, Hawai‘i

April 2024

Management Summary

This archaeological literature review and field inspection (ALRFI) report was prepared by Honua Consulting, LLC at the request of Wilson Okamoto Corporation for the Tradewinds Garden and Glass Museum located in Honolulu Ahupua‘a, Kona (Honolulu) District, Island of O‘ahu, TMK: [1] 2-1-014:006, [1] 2-1-001:057 and 058. The project area consists of two discontinuous areas, consisting of Pier 7 of Honolulu Harbor and Units 5 and 7 of the Honolulu Power Plant. Pier 7 (TMK: 2-1-001:057 and 058) contains the former Maritime Center Museum, owned by the State of Hawai‘i, and encompasses approximately 9.6 acres (423,054 sq. ft.). The Honolulu Power Plant (TMK: 2-1-014:006) is owned by the Hawaiian Electric Co Inc (HECO) and includes approximately 3.4 acres (149,644 square feet [sq. ft.]). The Aloha Tower Development Corporation (ATDC) is the lessee of Pier 7 and oversees the redevelopment of State-owned properties along the Downtown Honolulu waterfront. For reporting purposes, Pier 7 is often referred to as the west portion of the project area, while the parcel containing the Honolulu Power Plant is referred to as the east portion of the project area.

The proposed project is planned to consist of renovation and adaptive reuse of existing Honolulu Power Plant and Maritime Center buildings. The Honolulu Power Plant is proposed to be preserved with interior spaces reworked to include glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. Renovation of the Maritime Center structure is proposed to include five gardens designed to emulate native Hawaiian vegetation, a bookstore/lobby, deck areas, a bar, and a restaurant.

Background research indicates the project area was traditionally located within the coastal mud flat or low reef of Waikahalulu, which was in-filled in the 1850s-1890s to form a land area named the “Esplande”. Historically, the project area was part of Land Commission Award (LCA) 44520 for Waikahalulu ‘Ili claimed by Hazaleleponi Kalama (Queen Kalama) in 1848 and refuted by the government. Following litigation, the government paid Queen Kalama \$22,000 for the land. LCA 11219 was then awarded to the government for 46 acres within Waikahalulu, including the project area. The reef of Waikahalulu was filled using dredged material from Honolulu Harbor and rubble from dismantling of the Honolulu fort. Makai (seaward) areas adjacent the project area were dug out to create Pier 7 from 1906-1907. A large warehouse was constructed upon the pier in 1906, it was removed in the 1960s to provide accessway for an elevated ramp. The ramp was removed in the 1980s and a new building was built on the pier in 1988 for use as the Hawai‘i Maritime Center which closed in 2009. The east portion of the project area was used for multiple business ventures from the late-1800s through early-1900s, including office space, storage for rope, buoys, coal, boats, ice, and power. The Hawaiian Electric Building was constructed in the east portion of the project area in the 1920s.

One previous archaeological study was conducted in the project area which focused on the waterfront of Honolulu Harbor from Pier 5 to Pier 14 (Wong-Smith and Rosendahl 1990). The study found their entire study area had traditionally been underwater and that a small portion of shoreline that was once present was removed during channel dredging for the harbor. The area was then filled during land reclamation activities and development of Honolulu Harbor. It was reported that coral blocks from the Honolulu fort were known to have been used as bulkheads for Piers 8-12. The field inspection identified Piers 8 through 12 and Aloha Tower as the only significant surface features present, as other piers in their study area had been dramatically reconstructed.

The purpose of this archaeological literature review and field inspection is to determine the land-use history, potential sub-surface deposits which may exist within the property, and identify any potential artifacts or cultural deposits present on the ground surface observable during surface survey of the property. This study is not an archaeological inventory survey (AIS), however, this report was written using standards outlined within Hawai'i Administrative Rules (HAR) 13-276 for AIS studies and is intended to assist with historic preservation efforts related to the proposed project.

The archaeological field inspection conducted for the current project included a pedestrian survey of the property. Nothing of archaeological interest was observed or collected during the inspection. Although the project area is built on dredged material, it was extensively used for historic commercial activities. If the proposed project requires ground disturbance then an archaeological monitoring program may be necessary, to be conducted in coordination with the archaeology branch of the SHPD. Furthermore, historic architectural structures exist within the project area and it is recommended to consult with the architecture branch of the SHPD regarding how to appropriately rehabilitate or restore the structures for the project's purpose of adaptive reuse.

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Introduction

1.1 Project Background

This archaeological literature review and field inspection (ALRFI) report was prepared by Honua Consulting, LLC at the request of Wilson Okamoto Corporation for the Tradewinds Garden and Glass Museum located in Honolulu Ahupua‘a, Kona (Honolulu) District, Island of O‘ahu, TMK: [1] 2-1-014:006, [1] 2-1-001:057 and 058. The project area consists of two discontinuous areas, consisting of Pier 7 of Honolulu Harbor and Units 5 and 7 of the Honolulu Power Plant. The Honolulu Power Plant (TMK: 2-1-014:006) is owned by the Hawaiian Electric Co Inc (HECO) and includes approximately 3.4 acres (149,644 square feet [sq. ft.]). Pier 7 (TMK: 2-1-001:057 and 058) contains the former Maritime Center Museum, owned by the State of Hawai‘i, and encompasses approximately 9.6 acres (423,054 sq. ft.). The Aloha Tower Development Corporation (ATDC) is the lessee of Pier 7 and oversees the redevelopment of State-owned properties along the Downtown Honolulu waterfront. The project area is shown in an USGS, aerial image, and Tax Map Key (TMK) (Figure 1 through Figure 3).

The proposed project is planned to consist of renovation and adaptive reuse of existing Honolulu Power Plant and Maritime Center buildings. The Honolulu Power Plant is proposed to be preserved with interior spaces reworked to include glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. Renovation of the Maritime Center structure is proposed to include five gardens designed to emulate native Hawaiian vegetation, a bookstore/lobby, deck areas, a bar, and a restaurant. A preliminary plan is provided as Figure 4.

The purpose of this archaeological literature review and field inspection is to determine the land-use history, potential sub-surface deposits which may exist within the property, and identify any potential artifacts or cultural deposits present on the ground surface observable during surface survey of the property. This study is not an archaeological inventory survey (AIS), however, this report was written using standards outlined within Hawai‘i Administrative Rules (HAR) 13-276 for AIS studies and is intended to assist with historic preservation efforts related to the proposed project.

1.2 Environmental Setting

The project area is situated along the Honolulu waterfront, in a dense commercial area. Honolulu Harbor lies to the west and south. Bishop Street borders to the north, Ala Moana Boulevard runs adjacent to the east, and Aloha Tower Drive separates the two portions of the project area. Irwin Memorial Park and Aloha Tower Marketplace are to the north and northwest. The project area lies at approximately 3 ft. (1 m.) above mean sea level (amsl).

The climate of downtown Honolulu is relatively dry for O‘ahu. The project area receives a mean annual rainfall of approximately 709 millimeters (mm), with wetter months November through March (Giambelluca et al. 2013). Honolulu Harbor is located at the mouth of Nu‘uanu Stream. The freshwater of Nu‘uanu Stream created a long, narrow channel through the coral reef which provided a natural deep-water harbor. Honolulu Harbor is the largest and most important commercial harbor in the state.

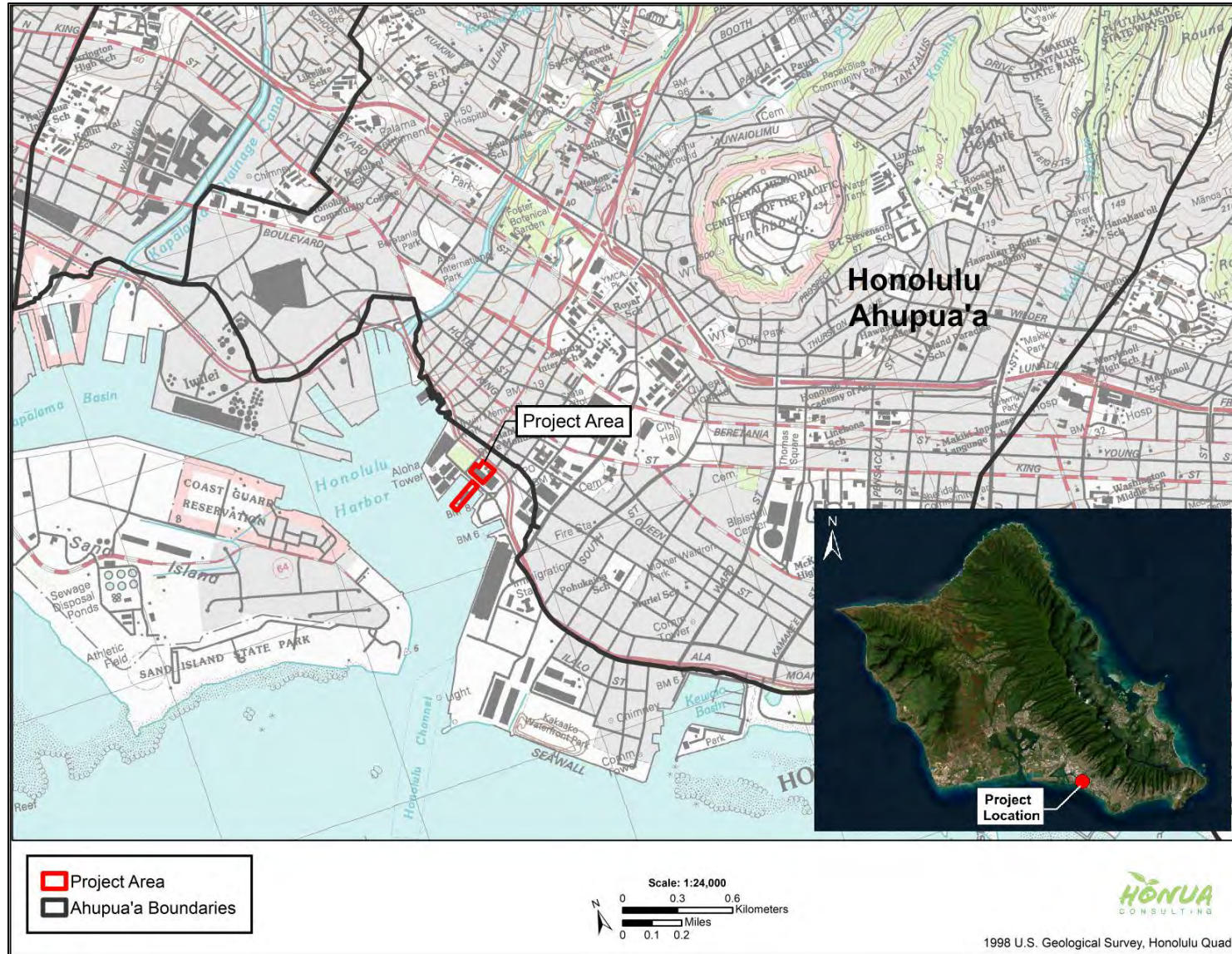


Figure 1. Portion of a 1998 U.S. Geological Survey (USGS) Topographic Quadrangle Map showing the project area

Tradewinds Garden and Glass Museum

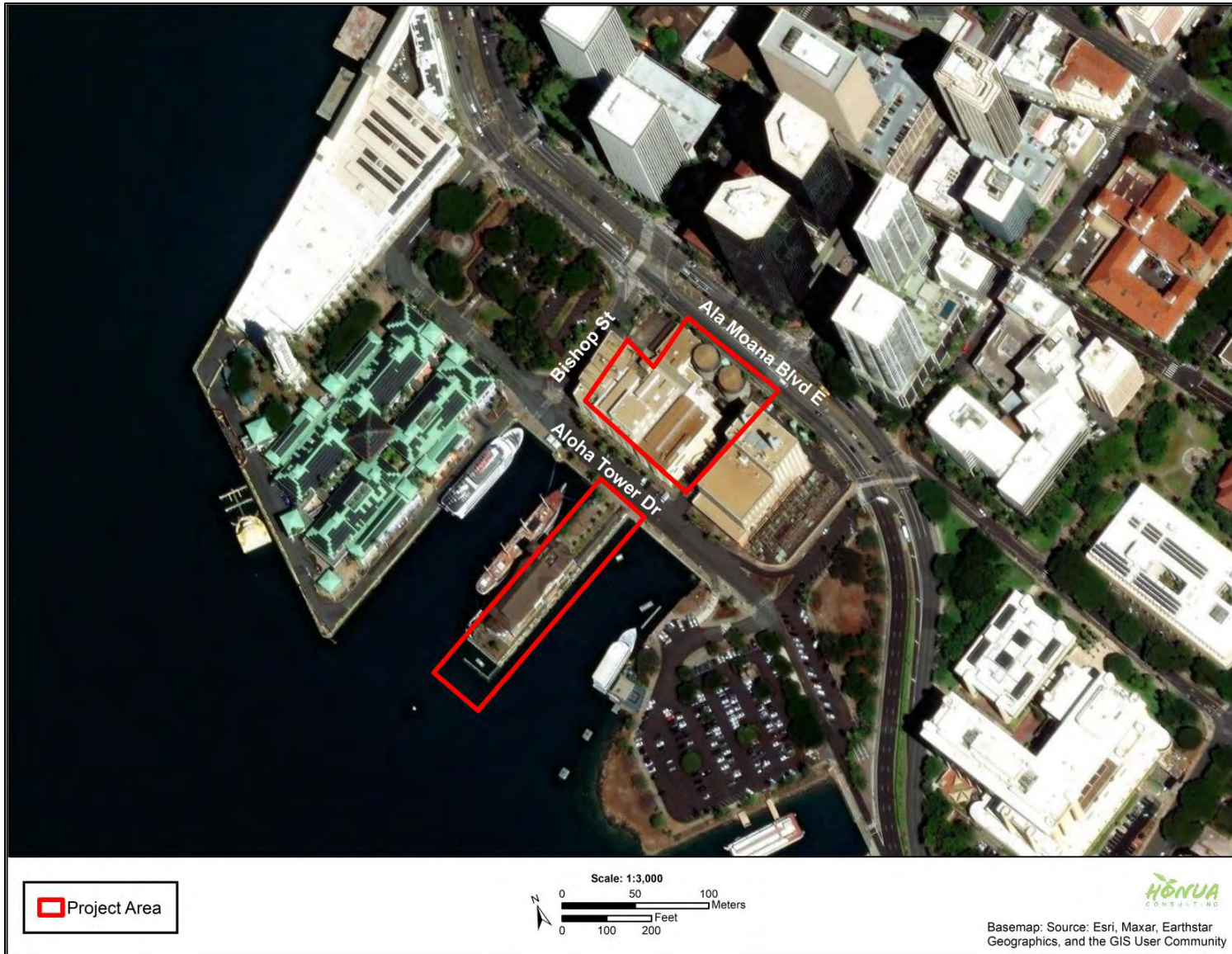


Figure 2. Aerial photo showing the location of the project area (Esri 2024)

Tradewinds Garden and Glass Museum

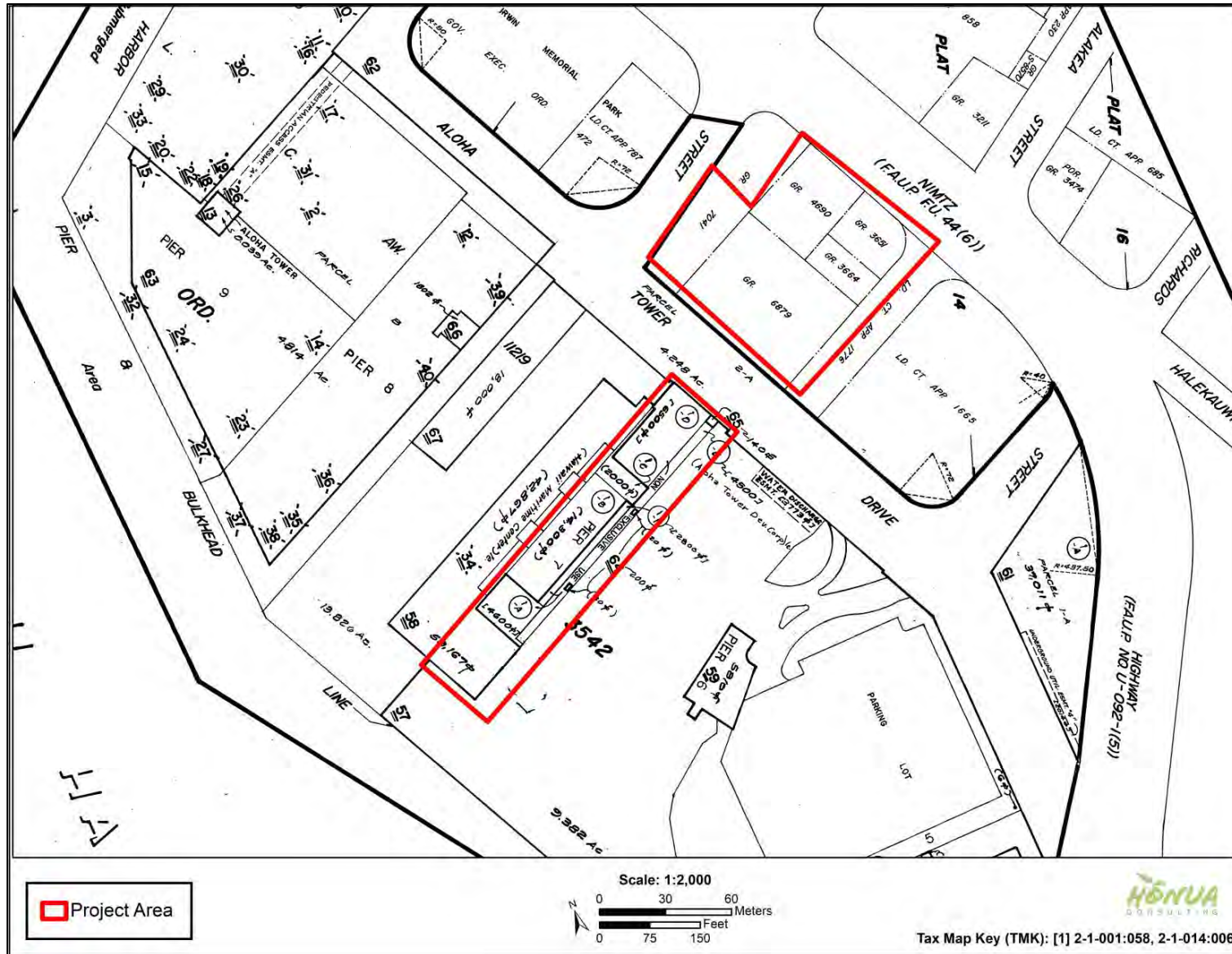


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Tradewinds Garden and Glass Museum

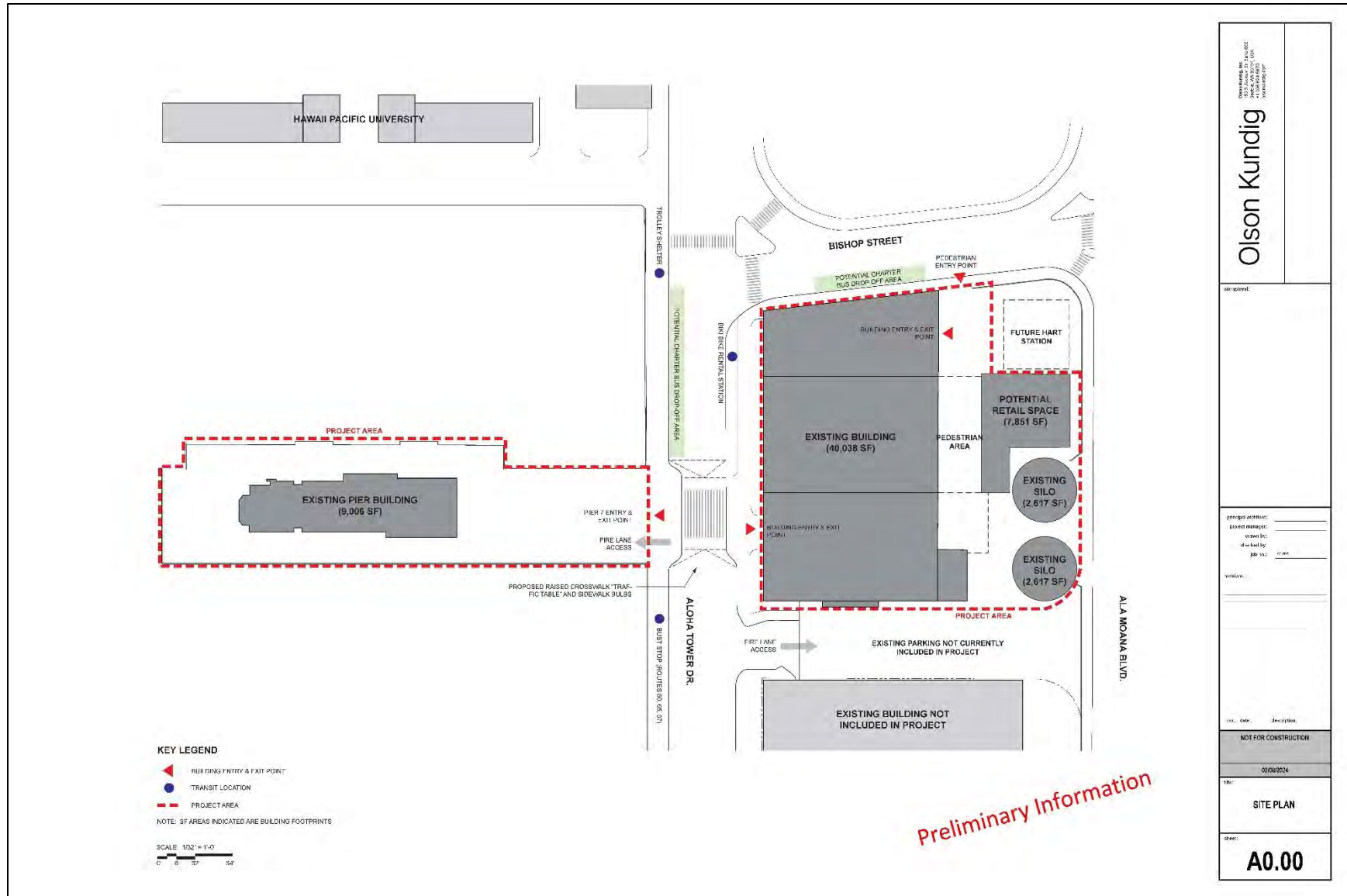


Figure 4. Preliminary Plan showing the project area (provided by client)

The soil within the project area is characterized as Fill Land (FL) (Figure 5). Fill Land contains material from dredging, adjacent uplands, garbage, and biproducts from sugar mills (Foote et al. 1972:31). FL soil types are typically found near Pearl Harbor and in Honolulu adjacent to the ocean. The land type is used for urban development and industrial facilities.

The project area includes the Honolulu Power Plant which was built in the 1920s, added onto in 1954, and decommissioned in 2014 (*Hawai'i Free Press* 2014). The project area also encompasses Pier 7 which extends into Honolulu Harbor and from which the former Hawai'i Maritime Center (1988-2009) is built upon. The ship, *Falls of Clyde*, is currently docked along the pier. The ship was built in 1878 and was once listed on the State and National Registers of Historic Places, as well as a National Historic Landmark. The *Falls of Clyde* was delisted from the Hawai'i Register of Historic Places in 2023 and the National Register in 2024 due to its deteriorated condition (HHF 2024).

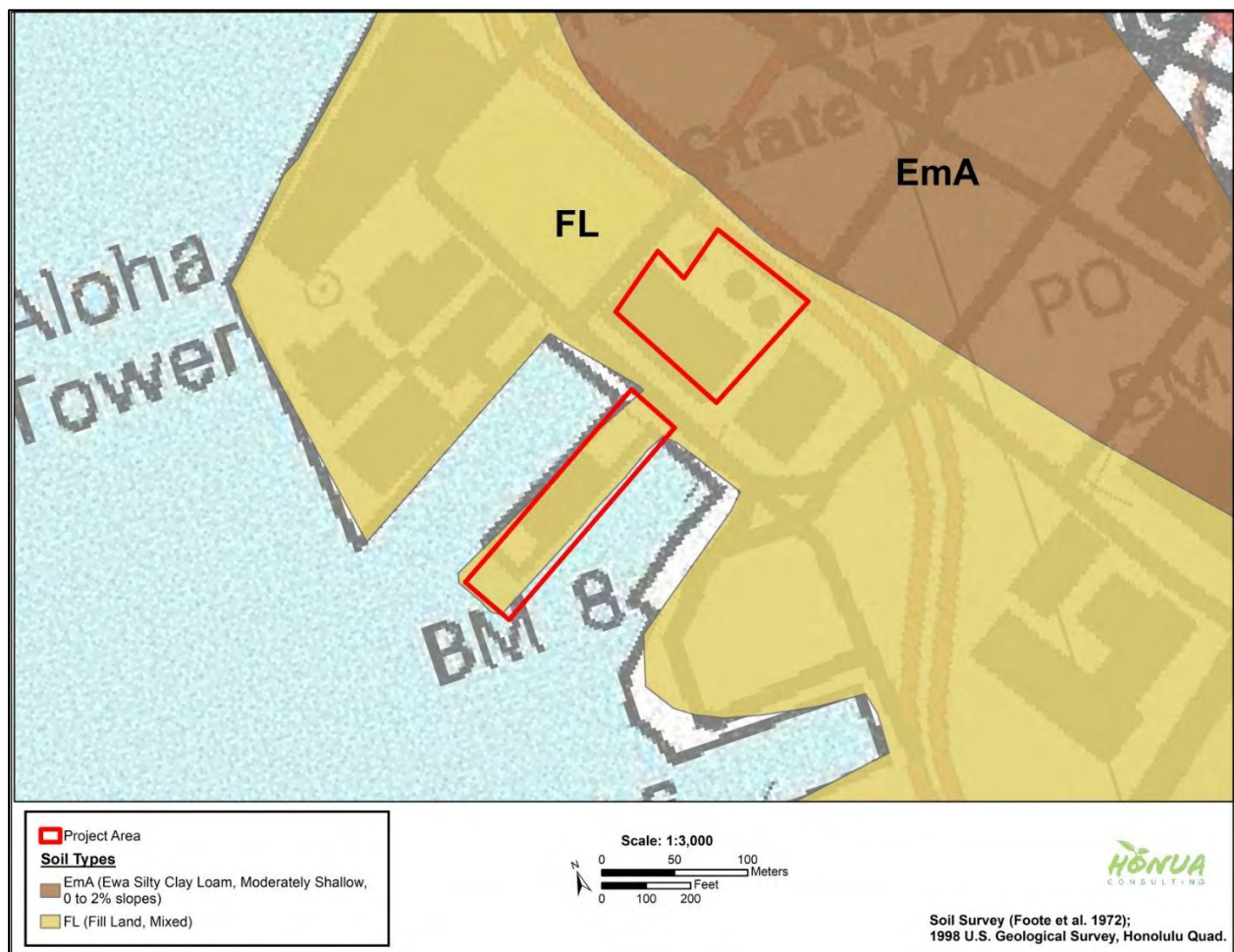


Figure 5. Portion of a USGS with Soil Series Overlay showing anticipated soil within the project area (Foote et al. 1972)

Traditional and Historical Background

Background research for the literature review was conducted using materials obtained from the State Historic Preservation Division (SHPD) library in Kapolei and the Honua Consulting LLC. report library. On-line materials consulted included the Ulukau Electronic Hawaiian Database (www.ulukau.com, Soehren 2002-2010), Papakilo Database (www.papakilodatabase.com), the State Library on-line (<http://www.librarieshawaii.org/Serials/databases.html>), and Waihona ‘Aina Mahele database (<http://www.waihona.com>). Hawaiian terms and place names were translated using the on-line Hawaiian Dictionary (Nā Puke Wehewehe ‘Ōlelo Hawai‘i) (www.wehewehe.com) and Place Names of Hawaii (Pukui et al. 1974). Historic maps were obtained from the State Archives, State of Hawai‘i Land Survey Division website (<http://ags.hawaii.gov/survey/map-search/>), and UH-Mānoa Maps, Aerial Photographs, and GIS (MAGIS) website (<http://guides.library.manoa.hawaii.edu/magis>). Maps were geo-referenced for this report by Catharine Thetford, B.A. using ArcGIS Pro desktop. GIS is not 100% precise and historic maps were created with inherent flaws; therefore, geo-referenced maps should be understood to have some built-in inaccuracy.

2.1 Traditional and Historic Places of Honolulu

The place name “Honolulu” (“sheltered or protected cove”) has international recognition (Pukui and Elbert 1986:79). In the 1860s, native Hawaiian historian Samuel Kamakau wrote about the origin of the name, Honolulu:

Honolulu was originally a small place at Niukukahi [at the junction of Liliha and School streets] which some man turned into a small taro patch. Because of their aloha for him, his descendants gave this name to the whole ahupua‘a. (Kamakau 1976:7)

Prior to its discovery by foreigners, the vicinity in and around Honolulu Harbor was named Kou, so named because groves of kou (*Cordia*) trees were a prominent feature on the landscape. It was here that the city now called Honolulu began to grow and was established as a haven for foreign ships (Handy and Handy 1972). Kou was noted for a number of heiau (temple/ceremonial sites), particularly in the Nu‘uanu area. Pukui et al. (1974:117-118) describes Kou as “the area from Nu‘uanu Avenue to Alakea Street and from Hotel Street to the sea, noted for kōnane [Hawaiian checkers] and for ‘ulu maika [an ancient game likened to lawn bowling] and said to be named for the executive officer (Ilamuku) of Chief Kākuhihewa of Oahu” (also described in Pukui and Elbert 1986:167).

Several additional traditional place names are known to have been used for land areas of Honolulu, prior to terming the entire region as Honolulu. These names include Kīkīhale (small area from Maunakea St. and King St. to Nu‘uanu Stream), Kapu‘ukolo (area bound by Nu‘uanu Stream to Honolulu Harbor), Nihoa (waterfront to west of project area), Kuloloia (former beach near the foot of Fort St. and extending east to Kaka‘ako), Honoka‘upu (waterfront at makai [seaward] end of Alaka‘i St.), Koaopa (area near the coast to the east of the project area), and Waikahalulu (waterfront between Fort St. and Richards St.). A Bishop Museum map depicting Honolulu in 1810 based off early descriptions shows place names and important sites (Figure 6). Place names used in this report and shown on corresponding maps are listed in Table 1.

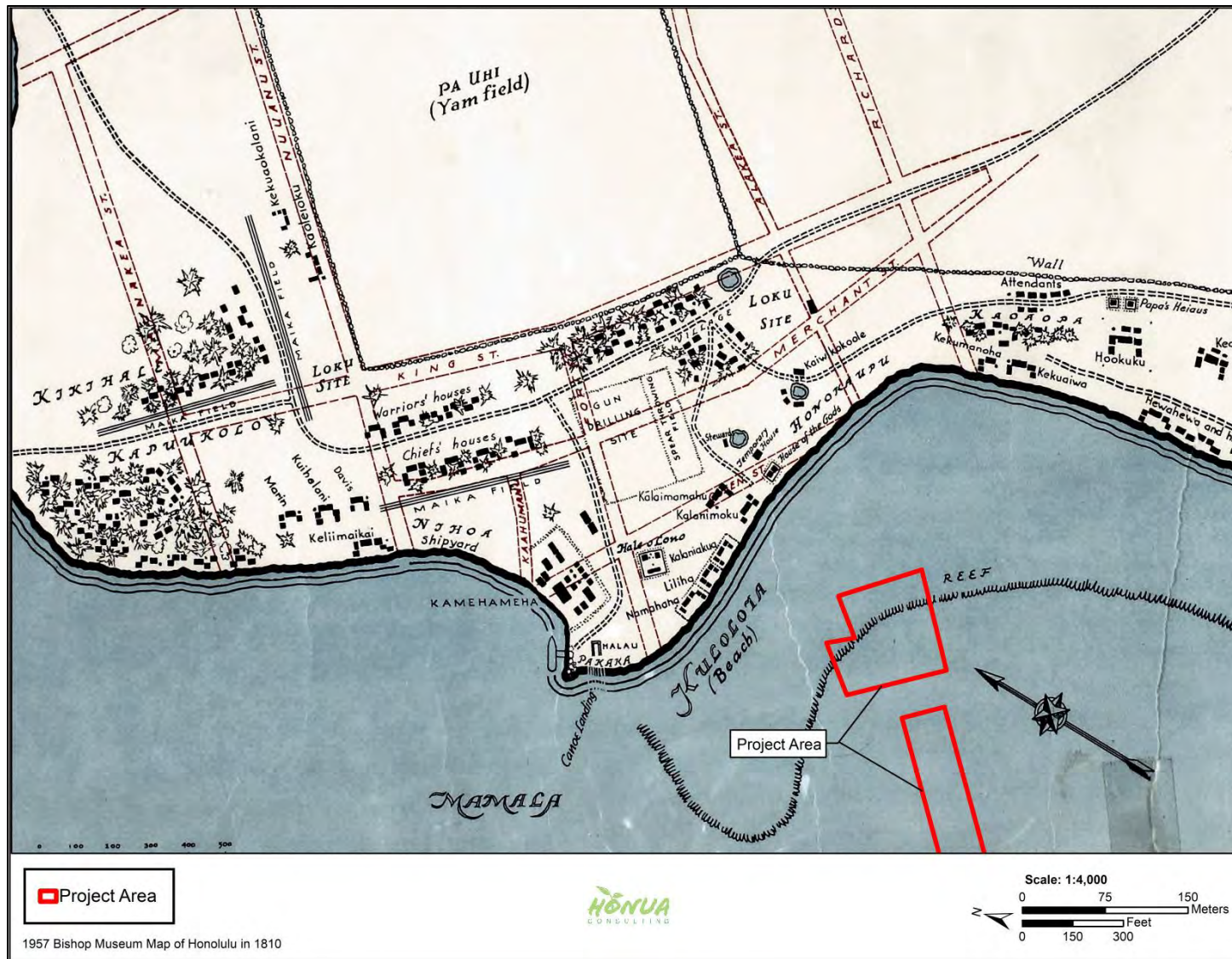


Figure 6. 1957 Bishop Museum Map of Honolulu showing a rendering of Honolulu as it looked in 1810 with city streets of the 20th century overlaid, the project area is outlined in red (Rockwood and Barrere 1957)

Table 1. Table Listing Place Names Referenced and Shown on Maps in this Report

Place Name	Translation	Description/Location	Source
Hale o Lono	House of Lono	On all the islands we these heiau for worship of Lono, including ceremonies for rain and growth	Pukui et al. 1974:38, Bishop Museum 1810 (Figure 6)
Honoka‘upu	Albatross bay	Land section along waterfront beyond the seaward end of Alaka‘i St. in downtown Honolulu, old surfing area, coconut grove	Pukui et al. 1974:49; Bishop Museum 1810 (Figure 6)
Honolulu	Protected bay	Capitol of Hawai‘i, old names for Harbor include Kou and Māmala	Pukui et al. 1974:49-50
Ka‘ākaukukui	The right (or north) light	Filled-in reef, Honolulu Harbor	Pukui et al. 1974:59
Kaoaopa		‘ili ‘āina (small land area)	Soehren 2019, Bishop Museum 1810 (Figure 6)
Kapu‘ukolo		Old section of Honolulu bounded by Nu‘uanu Stream and Honolulu Harbor	Pukui et al. 1974:90, Bishop Museum 1810 (Figure 6)
Kauanono‘ula	The dark red rain	Area around the intersection of Merchant and Alakea St. in Honolulu, named for chiefess fond of kōnane	Pukui et al. 1974:91
Kīkīhale		Old section of Honolulu bordered by Maunakea St. and King St. to Nu‘uanu Stream, named for the daughter of Chief Kou	Pukui et al. 1974:110, Bishop Museum 1810 (Figure 6)

Place Name	Translation	Description/Location	Source
Kou	Kou (<i>Cordia</i>) tree	Old name until 1800 for Honolulu Harbor and vicinity, including the areas from Nu‘uanu Ave to Alakea St. and Hotel St. to the sea; noted for kōnane and ulu maika, named for an officer of Chief Kākuhihewa	Pukui et al. 1974:117-118
Kuloloia		Former beach extending from the foot of Fort St. to Kaka‘ako, Honolulu	Pukui et al. 1974:124, Bishop Museum 1810 (Figure 6)
Māmala		Bay, Honolulu Harbor to Pearl Harbor, named for a shark woman who lived at the entrance to the harbor and played kōnane	Pukui et al. 1974:144
Nihoa	Firmly set	Waterfront area in downtown Honolulu formerly owned by Ka‘ahumanu and named by her in honor of her visit to Nihoa Island	Pukui et al. 1974:165, Bishop Museum 1810 (Figure 6)
Niukūkahi	Coconut standing alone	Included an area named Honolulu which was given to the entire area	Pukui et al. 1974:166, Kamakau 1976:7
Pākākā	To skim (as stones over water)	Old canoe landing at Honolulu Harbor, wharf building on same location; heiau	Pukui et al. 1974:175, Westervelt 1915:25, 27

Place Name	Translation	Description/Location	Source
Pele‘ula	Red Pele	Lane, old section of downtown Honolulu, named for a chiefess seer who tried to steal Lohi‘au from Hi‘iaka during a kilu game, many healing heiau were here	Pukui et al. 1974:183
Ulakoheo		Area west of Nu‘uanu Ave. known as the old iron works, end of ali‘i ulu maika course	Westervelt 1915:15-25
‘Ulakua	Back red	Shore area and ancient surfing area near foot of Richards St., downtown Honolulu	Pukui et al. 1974:214
Waikahalulu	Water [of] the roaring	Waterfront area between Fort St. and Richards St., formerly a reef that was filled in when the harbor was dredged in early 1850s	Pukui et al. 1974:222

One of the earliest references for lands of the Honolulu region was recorded by preeminent Native Hawaiian historian David Malo in the 1840s, who listed the genealogies of ancient chiefs. Notably, Luanu‘u, son of Laka, died in Honolulu and was buried in Nu‘uanu, while his great-grandson, Pau, son of Hua, was born at Kewalo (Malo 1951:191).

Noted places in the region were also described in the tradition of Pele and Hi‘iaka (Kapihenui 1861-1862; Hooulumahiechie 2008; Desha and Keonaona 1924-1928), Hi‘iaka-i-ka-poli-o-Pele, youngest and beloved sister of Pele, goddess of the volcano, was sent to fetch Kaua‘i chief, Lohi‘au, from Kaua‘i and return with him to Kīlauea on Hawai‘i. This epic account includes site history, place name documentation, and accounts of noted figures throughout the Hawaiian Islands. The tradition also includes a number of mele (chants) and poetical references to noted places between Kapālama Ahupua‘a (to west) and Waikīkī Ahupua‘a (to east) within the Kona

District of O‘ahu. While in the Honolulu region, events focused on games of kilu.¹ Most notable in this account is the reference to Pele‘ula, a chiefess of the area, and for whom an old section of Honolulu was named. Summarizing the tradition of Hi‘iaka’s visit with the chiefess Pele‘ula in the regions of Kou and Honolulu, Gessler (1942:6) wrote that:

Hi‘iaka and Lohi‘au, immortal lovers of legend, entered this harbor in the course of their voyage from Kaua‘i to Hawai‘i, and a little farther up the valley [in the Nu‘uanu and Vineyard streets vicinity] Hi‘iaka’s skill at the game of kilu won her sweetheart from the wiles of the local enchantress Pele‘ula.

The land area of Pele‘ula was also observed by Hawaiian historian John Papa ‘Ī‘ī in the early 1800’s to be “covered with healing heiaus, where offerings were made, and methods of healing were taught” (‘Ī‘ī 1959:46).

According to Westervelt (1915), when Kākuhihewa, the noted ancient king of O‘ahu, divided the island among his favorite chiefs, the area lying roughly between Hotel Street and the ocean and between Nu‘uanu and Alakea Streets was given to and named after Kou, who was an ilāmuku (marshal) for Kākuhihewa. The area was known as Kou up to the time of the reign of Kamehameha I (Westervelt 1915:2). Gessler (1942:8) adds:

At about the same time when the Lord Marshal Kou was staking out his fishing camp along the harbor, another chief, it is said, occupied another fief under Kakuhihewa farther up the valley. This chief’s name was Honolulu. For many years, far into the time of the white men’s occupation of the island, a stone that stood near the intersection of Liliha and School streets was called Pohaku o Honolulu, the Honolulu stone. But the area between the present course of Hotel Street and the sea was “the land of Kou”.

Westervelt (1915) provided a summary of place names and their related stories in the Honolulu/Kou region.

Ke-Kai-o-Mamala was the name of the surf which came in the outer entrance of the harbor of Kou. It was named after Mamala, a chiefess who loved to play konane, (Hawaiian checkers), drink ‘awa, and ride the surf. Her first husband was the shark man Ouha, who later became a shark god, living as a great shark outside the reefs of Waikiki and Koko Head. Her second husband was the chief Hono-kau-pu (Hono-ka‘upu - Albatross bird bay), to whom the king gave the land east of Kou, which afterward bore the name of its chief. In this section of Kou now called Honolulu were several very interesting places...

...Kou was probably the most noted place for konane on O‘ahu. There was a famous stone almost opposite the site of the temple. Here the chiefs gathered for many a game. Property and even lives were freely gambled away. The Spreckels

¹ Kilu is a Hawaiian game in which a gourd or a coconut shell, cut in half, is tossed at an opponent’s pob (something like horseshoes). The individual who successfully hits the pob that he or she had selected was the winner and could claim a kiss or some other favor from the opponent (Malo 1951:216).

Building covers the site of this well-known gambling resort.

In Honoka‘upu was one of the noted places for rolling the flat-sided stone disc known as “the maika stone.” This was not far from Richards and Queen Streets, although the great ‘Ulu-maika’ place for the gathering of the chiefs was in Kou. This was a hard, smooth track about twelve feet wide extending from the corner of Merchant and Fort Streets now occupied by the Bank of Hawai‘i along the seaward side of Merchant Street to the place beyond Nu‘uanu Avenue known as the old iron works at ‘Ula-ko-heo. It was used by the highest chiefs for rolling the stone disc known as “the maika stone.” Kamehameha I is recorded as having used this maika track.

‘Ula-kua was the place where idols were made. This was near the lumber yards at the foot of the present Richards street.

Ke-kau-kukui [Ka‘ākaukukui] was close to ‘Ula-kua, and was the place where small konane boards were laid. These were flat stones with rows of little holes in which a game was played with black and white stones. Here Mamala and Ouha drank awa and played konane. Here also Kekuanao‘a, father of Kamehameha V, built his home.

“Ka-ua-nono-‘ula” (the rain with the red rainbow) was the place in this district for the “wai-lua” or ghosts, to gather for their nightly games and sports. Under the shadows of the trees, near the present Hawaiian Board rooms at the junction of Alakea and Merchant streets, these ghosts made night a source of dread to all the people. Another place in Honolulu for the gathering of ghosts was at the corner of King Street and Nu‘uanu Avenue.

In Kou itself was the noted Pakaka Temple. This temple was standing on the western side of the foot of Fort Street long after the fort was built from which the street was named. It was just below the fort. Pakaka was owned by Kina‘u, the mother of Kamehameha V. It was a heiau, or temple, built before the time of Kakuhewehewa. In this temple, the school of the priests of O‘ahu had its headquarters for centuries. The walls of the temple were adorned with heads of men offered in sacrifice.

Enormous quantities of stone were used in the construction of all these heiaus often passed by hand from quarries at great distances so the work of erection was one consuming much time and energy... (Westervelt 1915:15-25)

2.1.1 Pākākā Heiau, Hale o Lono, and the Residence of Liholiho

The history of Pākākā Temple is described in detail in Westervelt's (1915) story “The God of Pakaka Temple”. The following summary tells how the god of that temple came into being.

Kalauokekahuli, a sacred tree once grew in Waipi‘o Valley. The goddess Haumea stopped there for a time and saw a beautiful tree. She agreed to aid a princess and her mother who were very sick in exchange for the tree. After she acquired the tree, Haumea traveled to Maui and planted her tree by Waihe‘e Stream [atop Pu‘u-kuma or Pu‘u-ku‘ua hill]. The tree grew and grew and Haumea returned to her home in

the mists when the tree blossomed. Then one day, a man saw the beautiful tree and cut it down and laid it where it fell. That night a great storm broke out that lasted 20 days and nights. The river rushed through the valley and carried the tree and its branches far into the sea.

For six months the waves tossed the branches until one finally landed at Kailua, Kona. The people there saw the branch and where it lay in the water, there were many kinds of fish gathering and leaping around it. The chiefs took the branch and made the god Makalei, which was used for many generations. Another branch landed on Maui and the Maui chiefs used it as a stick for hanging bundles. It became a god for the Maui chiefs, and they named it Kukeoloewa. The body of the tree was hidden among refuse along the beach at Waihe'e.

A chief and his wife were looking for a god for their home and in a dream they were told to get a god. They prayed and consulted priests and on the third night the omens led them to the beach where they saw the tree trunk.

They took the tree, cut out their god, and called it Ku-ho'o-ne'e-nu'u. They built a heiau for it named Waihau [the Waihau class of temples were generally associated with promoting the abundance of the land], and made it taboo. The power of this god was very great and it was noted throughout all the Hawaiian Islands.

The king who was living on O'ahu heard about the tree and sent his servants to Maui to find out whether such an idol did exist. They found the god and told the chief who owned it that the king wanted to establish it at Kou, and would build a temple for it there. The chief readily gave up the god and it was taken to its new home. Thus Pakaka Heiau was built at Kou and the god Ku-ho'o-ne'e-nu'u was placed in it. Pakaka became the most noted temple on the island and the log became god of the chiefs of O'ahu. (Westervelt 1915:27)

Citing historical accounts, McAllister (1933:81) reported that Pākākā Heiau was:

...an ancient temple, a Waihau po'okanaka [a temple at which human sacrifices were sometimes used; Ku-ho'o-ne'e-nu'u was a war god of the chiefs of O'ahu]. It was built by Ka-maunu-i-Halakaipo the chief. Ku-ho'one'e-nu'u was the god.

Native historian John Papa 'Ī'ī who wrote about his childhood experiences among members of the Kamehameha household, describing the heiau and features around it:

...a short distance from where the Hale Hookolokolo, or court house, later stood. There was a beach there [Kuloloia], and heiau houses, each one enclosed with a fence. Wooden female images stood outside of each enclosure, with iholena and popo'ulu bananas in front of them. There were maoli bananas before the male images at the lele altar inside of the enclosure of lama wood. Back of the male images of wood was an 'anu'u tower, about 8 yards (iwilei) high and 6 yards wide. It stood on the right side of the house, and was covered with strips of white 'oloa tapa attached to the sticks resembling thatching sticks. The opu tower was just as tall and broad as the 'anu'u [oracle tower], and was wrapped in an 'aeokahaloa tapa

that resembled a moelola tapa. The small lama branches at its top were like unruly hair, going every which way. The opu stood on the left side of the house, facing the images and the 'anu'u. Between the two towers and extending from one to the other was a fine pavement of stones. In line with the middle of the pavement were the gate and the house which was called the Hale o Lono, where Liholiho was staying. It was thatched with dried ti leaves [page 56], just as Hale o Keawe in Honaunau, Hawaii, was thatched. Houses of this kind were all thatched with ti leaves, and all the posts and beams were of lama wood. The Hale o Lono was like a heiau. There were two others like it in the vicinity, one called the Hale Hui and the other, Hale o Kaili. The Hale Hui was the dwelling for miscellaneous gods and Hale o Kaili was for the god Kaili, or Kukailimoku.

As the boy [Ii] drew near the Hale o Lono, he saw two crossed lama sticks outside the entrance gate. He knew that the tapa covering he wore must be removed before entering, and this he did although he was not yet near the houses. Then he walked to the steward's house just outside the enclosure and found Liholiho there waiting for him. When he was recognized by the occupants of the house and was told to enter, he went in and sat by the edge of the fireplace. He bundled his tapa and just sat as a stranger. The chief and people of the house treated him kindly... ('Ī'ī, 1959:56-58)

In traditions of the progenitors of the Hawaiian race - the goddess Papa, who was also called Haumea, and her husband, the god Wākea - it is said that these creative forces of nature took human form and lived on the Ko'olau side of O'ahu. A reference to Pākākā Heiau as a place of human sacrifice is discussed in Westervelt (1915) and Handy and Handy (1972), as one of the land sections of Waikahalulu near Kou is cited as being the setting of a supernatural 'ulu (breadfruit tree), which later became the goddess Kāmeha'ikana:

...On the Honolulu side of the mountains were many chiefs and their people, living among whom was Lele-ho'o-mao, the ruler, whose fields were often despoiled by Papa and her husband. It was his servants who while searching the country around these fields, had found and captured Wakea. They were forcing him to the temple Pakaka to be there offered in sacrifice. They were shouting, "We have found the mischief maker and have tied him."

The Pakaka temple through its hundreds of years of existence received from time to time human sacrifice (Westervelt 1915:28-34).

Learning of her husband's plight, Papa ran to Wakea and embraced him. She then took the form of an 'ulu (breadfruit) tree, enclosing Wakea within the tree and thus rescued him. The place at which this occurred is at Waikahalulu, near the present day Lili'uokalani Botanical Park on School Street, a short distance above the lands of Kou (Handy and Handy 1972:449).

The Waikahalulu waterfront was known to be a place for diving, "usually crowded with both chiefs and commoners" ('Ī'ī 1959:63).

2.1.2 Māmala - The Bay of Honolulu

The tradition of “Mamala the Surf-Rider” is an account of an ancient chiefess of this region. Her story, as recorded by Westervelt (1915), mentions many names of people which were later made into place names of Honolulu and surrounding districts. A synopsis of this legend is included here:

“Kou” was a noted place for games and sports among the chiefs of long ago. A little to the east of Kou was a pond with a beautiful grove of cocoa-nut trees belonging to a chief, Honoka‘upu, and afterward known by his name. Straight out toward the ocean was the narrow entrance to the harbor, through which rolled the finest surf waves of old Honolulu. The ocean bore the name “Ke-kai-o-Mamala” (The sea of Mamala), and the high surf bore the name “Ka-nuku-o-Mamala” (The mouth or peak of Mamala).

Mamala was a chiefess of kupua [supernatural] character. This meant that she was a mo‘o [nature-water form goddess], as well as a beautiful woman, and could assume whichever shape she most desired. One of the legends says that she was a shark and woman, and had for her husband the shark-man Ouha, afterward a shark-god having his home in the ocean near Koko Head. Mamala and Ouha drank ‘awa together and played konane on the large smooth stone at Kou.

Mamala was a wonderful surf-rider. Very skillfully she danced on the roughest waves. The surf in which she most delighted rose far out in the rough sea, where the winds blew strong and whitecaps were on waves which rolled in rough disorder into the bay of Kou. The people on the beach, watching her, filled the air with resounding applause, clapping their hands over her extraordinary athletic feats.

The chief, Honoka‘upu, chose to take Mamala as his wife, so she left Ouha and lived with her new husband. Ouha was angry and tried at first to injure Honoka‘upu and Mamala, but he was driven away. He fled to the lake Ka-ihi-kapu toward Waikiki. There he appeared as a man with a basket full of shrimps and fresh fish, which he offered to the women of that place, saying, “Here is life [i.e., a living thing] for the children.” He opened his basket, but the shrimps and the fish leaped out and escaped into the water.

The women ridiculed the god-man. As the ancient legendary characters of all Polynesia could not endure anything that brought shame or disgrace upon them in the eyes of others, Ouha fled from the taunts of the women, casting off his human form, and dissolving his connection with humanity. Thus he became the great shark-god of the coast between Waikiki and Koko Head.

The surf-rider Mamala is remembered in a beautiful mele, or chant, which comes from ancient times:

“The surf rises at Ko‘olau,
Blowing the waves into mist,
Into little drops,
Spray falling along the hidden harbor.

There is my dear husband Ouha,
There is the shaking sea, the running sea of Kou,
The crab-like moving sea of Kou.
Prepare the 'awa to drink, the crab to eat.
The small konane board is at Honoka'upu.
My friend on the highest point of the surf.
This is a good surf for us.
My love has gone away.
Smooth is the floor of Kou,
Fine is the breeze from the mountains.
I wait for you to return,
The games are prepared,
Pa-poko, pa-loa, pa-lele,
Leap away to Tahiti
By the path to Nu'umealani (home of the gods),
Will that lover (Ouha) return?
I belong to Honoka'upu,
From the top of the tossing waves.
The eyes of the day and the night are forgotten.
Kou has the large konane board.
This is the day, and to-night
The eyes meet at Kou (Westervelt 1915:52-54)

2.2 Historical Background

2.2.1 Kou to Honolulu - Western "Discovery" of "Fair Haven"

English Captain William Brown of the *Butterworth* is usually credited as being the first Westerner to see and enter Honolulu Harbor; he entered the harbor in November of 1794 (Krauss 1987, Thrum 1892, Stroup 1959:10, Fornander 1969:264, Bingham 1969:46, Alexander 1907:13, Westervelt 1915:81). The *Butterworth* was a fur trading ship that stopped in Hawai'i for supplies. Captain Brown called the harbor "Fair Haven," but it was less romantically referred to for years by seamen as "Brown's Harbor" (Stroup 1959:11). Brown's entourage included the schooner, *Jackall*, which is said to be the first vessel to enter the harbor, and her tender, *Prince Leboo*, which followed shortly after (Krauss 1987, Thrum 1892:77, Kuykendall 1967:46).

Brown's discovery of the harbor came at a time when Kalanikūpule, ruler of O'ahu, was defending his land from Kā'eo of Maui. Fornander (1969:264) wrote of Brown's involvement in the battle between the two rulers:

In the month of November 1794 Kaeo broke up his camp at Wai'anae and marched on Ewa. At a place named Punahawehe he encountered the troops of Kalanikūpule, who had received an auxiliary force of armed seamen from the English vessels "Jackal" and "Prince Leboo," under command of Captain Brown, who shortly previous had been the first to enter the harbour of Honolulu, known to the natives by the name of Kou.

Under Kamehameha's rule, Honolulu Harbor became the favored "resort for shipping" (Alexander 1907:13). Although previously encamped at Waikīkī, In 1809, Kamehameha and his court moved to Pākākā near the Honolulu Harbor area to conduct trading with visiting captains (Daws 2006).

Honolulu had already increased in size many times by the year of Kamehameha's shift (from "not more than half a dozen" native huts in 1803, to "several hundred" by 1809-1810) and certainly the addition of the court enlarged it further...in the first year of the kings residence, ships arrived at the rate of only one a month (Portlock 1789 cited in Daws 2006:18)

A description of the area at the time of Kamehameha I's rule is given by Gideon La'anui, a retainer in Kamehameha's court:

We came down to the shore of Kou (Honolulu Harbor), my parents and I. The king was awake night and day. My father was drilling with him. Our house was erected where the foreign church (Bethel) stands. Below that was the place of Hoa'ai folks. There stood the cluster of houses belonging to Kaainahuna folks. Adjoining was the drill house, their place. There we lived till the arrival of Kaumualii from Kauai on a foreign ship, commanded by Winship... It anchored outside Mamala... On landing at Pakaka they held audience there, after which was a prostration ho'okupu, at the close of which Kaumualii sailed for Kauai... (Laanui in Thrum 1929:87-88)

2.2.2 Historic Land Tenure and Use Within the Project Area

According to historic maps, the project area was located within a coastal mud flat or shallow reef that was filled-in to create the "Esplanade" starting in the 1850s (Figure 8). A review of Māhele documents indicated the shallow reef belonged to the land of Waikahalulu. Land Court Award (LCA) 4452O claimed by Hazaleponi Kalama (Queen Kalama) in 1848 lists multiple lands throughout the Hawaiian islands, including the 'ili of Waikahalulu in Kona, O'ahu. However, the Hawaiian government refuted her claim to Waikahalulu, stating that the makai (seaward) portion had been under control of public authorities from ancient times and it was clearly regarded as being set apart for use by the government (Awards Book 2:356 cited from Waihona 'Aina 2024). The matter was settled by payment to Queen Kalama for \$22,000 (Kuykendall 1967, Moffat and Fitzpatrick 1995). Four Royal Patents (RP) were found in Waikahalulu which were given to Queen Kalama for lands associated with LCA 4452O, totaling 6.54 acres (RP 5683, 7220, 7255, and 7516).

In 1854, the Hawaiian Government claimed 47.84 acres of Waikahalulu, designated LCA 11219, and was subsequently granted RP 8489 for the land. The limits of LCA 11219 are described as extending from a wall on the north side of Punchbowl St., south to Kaina's small fish pond, then to the bank of a taro small fish pond, along a high water mark towards the angle of a stone wall, then west to a buoy and on the same line as the 20 ft. high water mark (Hawaiian Government, Awards p. 256-258 Volume 10 obtained from Waihona 'Aina 2024). The limits of the LCA are shown on Figure 9 and Figure 10.

Land Grants (LG) for fee simple purchases of the west portion of the project area were made by the Honolulu Electric Co Ltd. and J.A. McCandless from 1893-1918. All LCA, RP, and LG associated with lands within the current project area are listed in Table 2.

Table 2. Table Listing Land Commission Awards and Royal Patents Associated with Land Within the Current Project Area

LCA, RP, LG	Claimant	‘Ili	# ‘Āpana, Acreage	Date
LCA 44520	Hazaleleponi Kalama	Waikahalulu		1848
RP 5683	Hazaleleponi Kalama	Waikahalulu	1 acre	1873
RP 7220	Hazaleleponi Kalama	Waikahalulu	3 acres	1878
RP 7255	Hazaleleponi Kalama	Waikahalulu	5 ‘āpana, 1.48 acres	1879
RP 7516	Hazaleleponi Kalama	Waikahalulu	1.06 acres	1880
LCA 11219	Aupuni (Government)	Waikahalulu	47.84 acres	1854
RP 8489	Hawaiian Government & Electric Co.	Waikahalulu	47.84 acres	1944
LG 3651	The Hawaiian Electric Co Ltd	Honolulu, Alakea & Halekauwila Sts, Esplanade	10,000 sq. ft.	1893
LG 3664	The Hawaiian Electric Co Ltd	Alakea St., Honolulu, Esplanade	5,000 sq. ft.	1893
LG 4690	J.A. McCandless	Honolulu, Esplanade	20,000 sq. ft	1903
LG 6879	The Hawaiian Electric Co Ltd	Honolulu, Alakea St.	0.689 acres	1917
LG 7041	The Hawaiian Electric Co Ltd	Honolulu, Kilauea & Halekauwila Sts.	0.617 acres	1918

2.2.3 Brief History of the Growth and Development of Honolulu

The reason that Honolulu became the bustling world renowned city it is today was strictly based on Māmala Bay, now Honolulu Harbor, which became the best place for landing ships in the Hawaiian Islands. A couple native villages, a small canoe landing, and a heiau were already present in the area at the time of contact, as described in the early historical accounts. Naturally, the town grew up around the harbor as more foreigners began to come to the islands. Honolulu remained relatively Hawaiian with scores of thatched huts until the 1820’s when western-style buildings began to be constructed. The town was officially named Honolulu at this time and early maps show a fort, Pākākā Heiau, a yam field, ‘ulu maika courses, a spear throwing field, walls, and houses of the chiefs, warriors, and villagers (refer to Figure 6). Beginning at this time, the area of Merchant

Street near Honolulu Harbor began to be commercially developed. The town grew but due to disease, the native population declined while the foreign population increased, a trend seen throughout Hawai‘i in the 19th and early-20th century.

Construction of the Honolulu Fort began by Russian representatives who had been given permission to build a storehouse near the harbor in 1815. However, once their Russian flag was raised and the plan was known, they were forced to leave the island (Judd 1975). Construction of the fort was then continued in 1816 under Kalanimōkū and it was utilized as an administrative center and prison until the 1850s. The fort was approximately 340 ft. long by 300 ft. wide, with walls 12 ft. high and 20 ft. thick at the base (Judd 1975) (Figure 7). It was faced with coral blocks cut from the nearby reef with a soil and rubble fill and multiple mounted guns, causing Hawaiians to refer to it as Kekunohu (“thorny back”). In the early to mid-1800s, a plan was made to dismantle the fort and use the coral blocks to extend the wharfage, build a new prison, and improve port facilities (Thrum 1896:100, Kuykendall 1967). After the fort was dismantled in 1857, the coral blocks were used to extend the shoreline some 2,000 feet onto the reef of Waikahalulu (Judd 1975). Rubble from the fort mixed with harbor dredge was used to fill the new land area called the Esplanade, adding some 15 acres of waterfront (Clark 1939, Kuykendall 1967, Judd 1975, Daws 2006). A small image of an 1856 T.A. Hull map is shown in Moffat and Fitzpatrick (1995:87) which appears to show the retaining wall created with the fort’s coral blocks, located along the north and northwest edges of the Esplanade boundary, northwest of the current project area. An 1881 Hawaiian Government Survey map shows the project area makai (seaward) of the developing town and on the edge of a mud flat or low reef area (Figure 11). This map also shows the location of the new prison.



Figure 7. Zoomed-in portion of a 1822 lithograph by Louis Choris with applied watercolor depicting the fort of Honolulu, north of the current project area

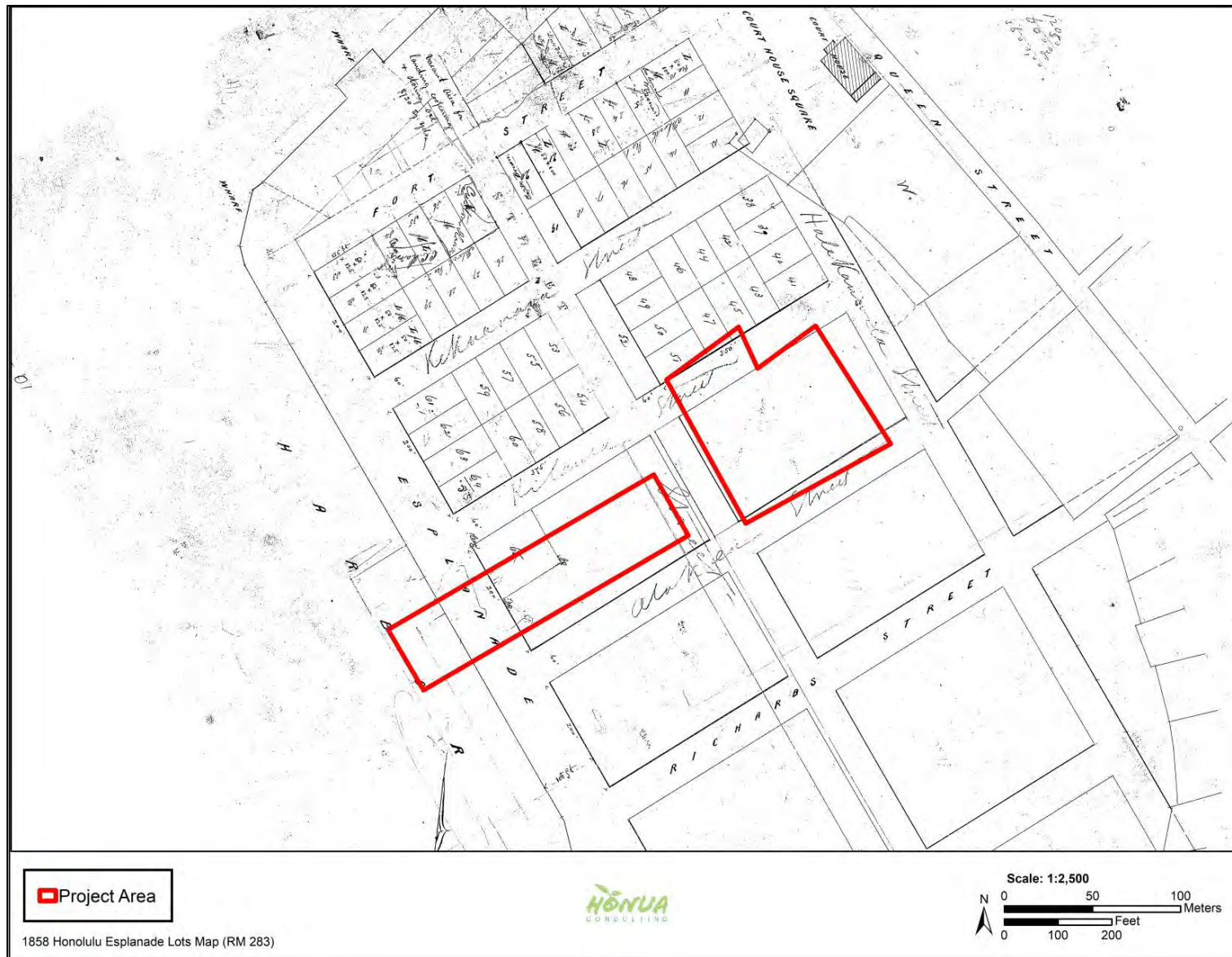


Figure 8. 1858 W. Webster map of the “Honolulu Esplanade Lots” or “Water Lots” showing the location of the project area (RM 283) Tradewinds Garden and Glass Museum

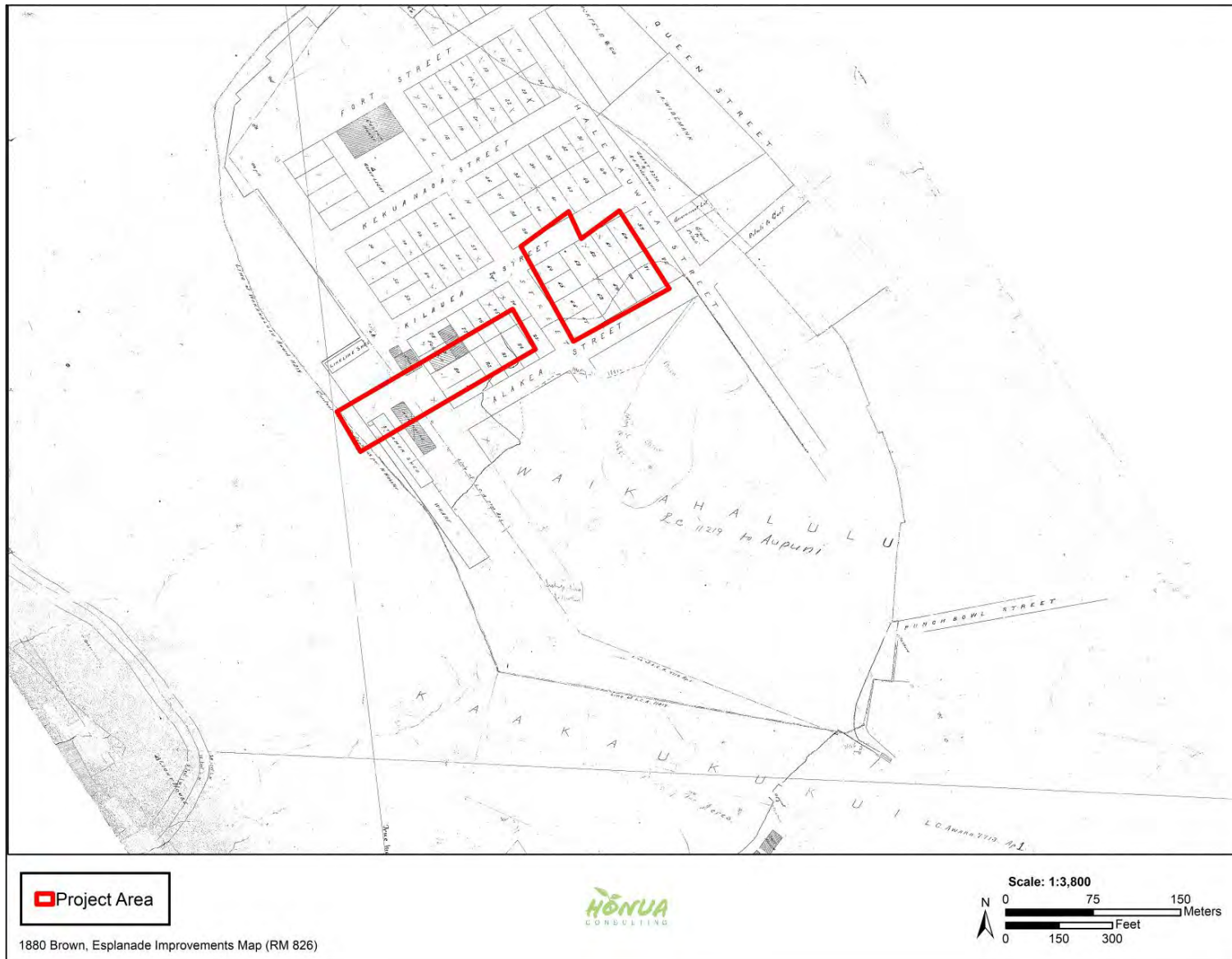


Figure 9. 1880 Brown map of “Esplanade Improvements” showing the project area and the limits of Waikahalulu LCA 11219 (RM 826)

Tradewinds Garden and Glass Museum

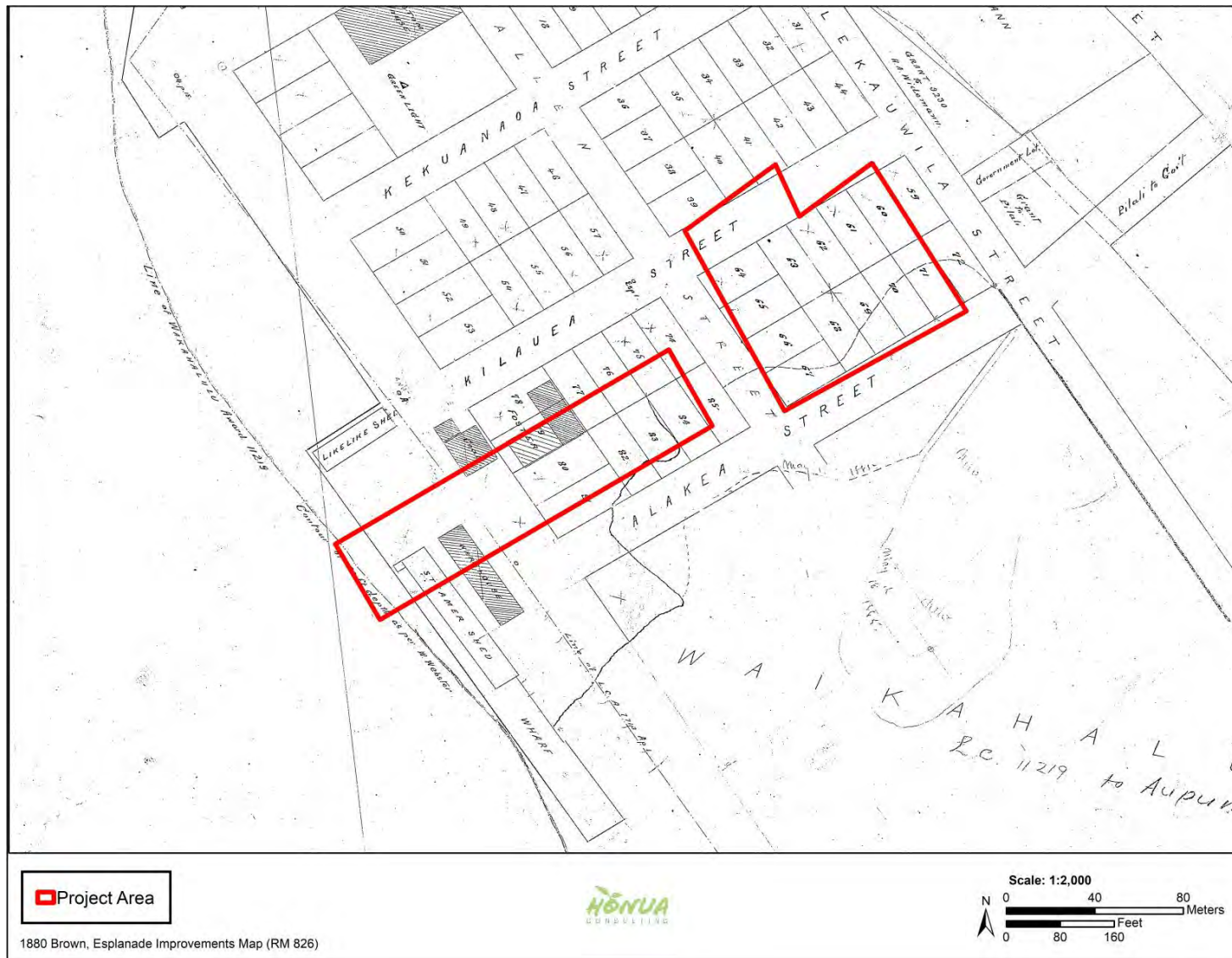


Figure 10. Zoomed-in 1880 Brown map of Esplanade Improvements showing the project area with labeled buildings reading “Steamer Shed”, “Warehouse”, “Coal”, and “Foster” (RM 826)

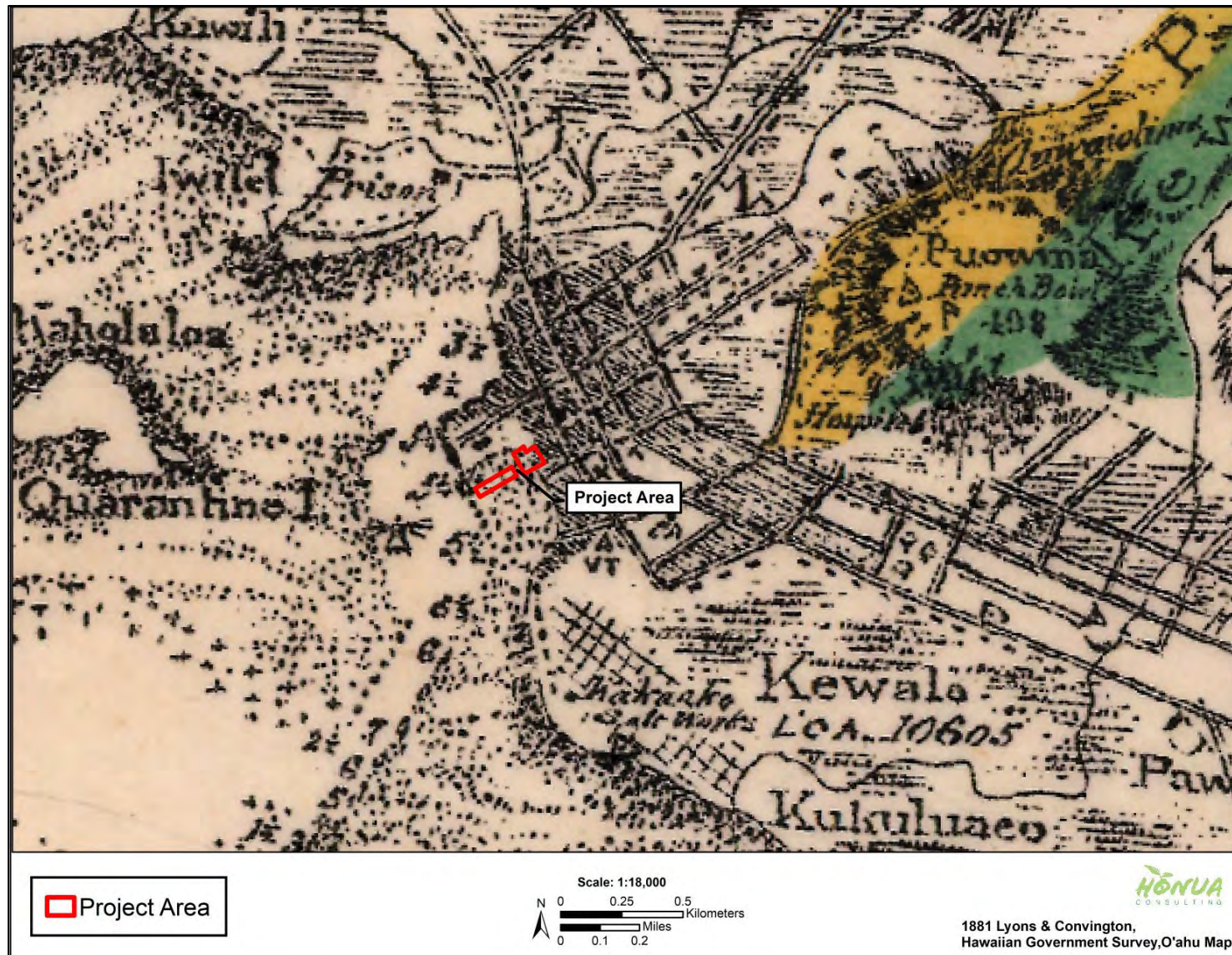


Figure 11. 1881 Lyons & Covington Hawaiian Government Survey Map showing the project area adjacent to mud flats or an area of shallow reef

Coral and basalt block buildings largely began being constructed in the mid-1840's. The original 'Iolani Palace was built by Charles Kanaina in 1845 of coral and was used by Kamehameha III, IV and V, as well as Kings Lunalilo and Kalākaua (Lanzone and Cummins 1976). Other coral and basalt buildings of the area include Kawaiaha'o Church in 1842, the Melchers Building in 1854, and various other buildings of the style constructed through the end of the 19th century, including the Podmore Building (1902). After Honolulu became the capital of the Hawaiian Islands in the 1850's, the area now known as the capital complex began to be developed. 'Iolani Barracks (moved to its present location) was constructed in 1871 and the existing 'Iolani Palace was constructed in 1882 (Riconda 1971, Lanzone and Cummins 1976, Levy 1985). Ali'iōlani Hale (Judiciary Bldg.) was built in 1874 and the Kapuāiwa Building was constructed in 1884. The remainder of the buildings that now comprise the historic portion of the Capital District were constructed between this time and the late 1920's.

The first Chinese came to Hawai'i in the early 1800's and slowly began to settle in a 36 acre area along Nu'uuanu Stream, now known as Chinatown. Later, the area grew due to Chinese plantation workers who had finished their contracts and went into business for themselves opening restaurants, tailor shops, groceries, and various other types of businesses (Riconda 1972b). The Chinatown fire started at a Chinese cookhouse on April 18th, 1886 at the northeast corner of Smith and Hotel Street and soon engulfed much of the area (NDNP 2013). The fire devastated much of the area, but it was quickly rebuilt afterward. By 1900, the area became so densely packed that bubonic plague had become a concern due to several deaths in the area. The Chinatown fire of 1900 was intentionally set as an effort to deter a bubonic plague epidemic, but quickly spread out of control and burned much of the area once again.

Following the burning of portions of downtown in 1900, controlled or otherwise, the burned areas of downtown began to be developed by investors commercially. This spurred the growth and development that led to Honolulu becoming the commercial and financial center of the islands that it is today. Modern downtown Honolulu is a densely packed commercial center blanketed with high-rise commercial and residential buildings but still retaining its historic character in the areas which have been preserved, namely the Capital Complex, Chinatown, and the buildings now comprising the Merchant Street Historic District.

2.2.4 Honolulu Harbor

In the early 19th century ocean transportation by commercial vessels to and from Hawai'i became common with fur traders from the northwest coast of America, the sandalwood trade, whaling ships, foreign trade vessels, and the California gold rush. Honolulu Harbor became the main point of commerce, administration, and immigration to the islands. However, due to tightness of space, the shape of the harbor, and winds the harbor was uneasy to traverse. At times, ships had to be towed into the harbor by double haul canoes and small boats, and even pulled in with oxen, horses, cattle, and people hauling lines up Richards St. (Bush 1957 cited in Wong-Smith and Rosendahl 1990, Kuykendall 1967) (refer to Figure 8).

Honolulu Harbor was developed as early as 1823 with construction of piers, wharfs, warehouses, sheds, storage areas, and various other improvements. By the 1850s, fringes of Honolulu Harbor were filled to accommodate the expansion of the harbor. The Esplanade was an area of some 11 acres makai (seaward) of Queen St., built upon the Waikahalulu reef, that was filled-in from around the 1850s-1890s (Moffat and Fitzpatrick 1995) (refer to Figure 8 through Figure 10 and Figure 13 through Figure 17). In doing so, Fort Street, where the old fort once stood

prior to 1857, was expanded to form the northern boundary of the new land area. Names of the streets of the Esplanade were updated in 1875 (Clark 1939). At that time, the Esplanade land area was bound by Halekauwila St. to the east (now Ala Moana Blvd.), Alakea St. (“white street” due to being paved with coral stones) to the south, and the constructed waterfront to the west simply named Esplanade St. (Thrum 1931a:76, Clark 1939, Pukui et al. 1974:9) (refer to Figure 8). Streets forming blocks in between were named for a steamer often at the wharf, *Kilauea*, the 1840s governor, Kekūanaō‘a, and W.F. Allen (Allen St.), the collector general of customs (Clark 1939). On December 12, 1877 there was a terrible fire known as the Esplanade fire, with losses reaching some \$250,000 (Thrum 1931b:49).

The northern portion of the Esplanade was completed by the 1870s, however, improvements and reclamation efforts along Honolulu Harbor continued southward through the end of the 19th century. An 1888 U.S. Hydrography map shows the project area on the edge of an “extensive mud and sand flat” that was “dry at low water”. The 1888 map shows the project area to be within the Esplanade, adjacent to an area labeled “Reclamation Proceeding” (Figure 14). The map also indicates the coastal area of the Esplanade housed a “Steamers Wharf”. 1891 and 1893 maps of Honolulu show further development of the Esplanade, with proposed city streets drawn over areas yet to be filled to the south of the project area (Figure 15 and Figure 17). The 1893 map labels the building adjacent to the waterfront as “P.M.S.S. Co. Bldg” which refers to the Pacific Mail Steamship Company (1848-1925) based out of San Francisco and synonymous with Gold Rush transportation and Pacific Basin trade (Potash n.d.).

An 1891 Dakin Fire Insurance map shows the current project area containing a “steamer freight shed” “government warehouse”, “shed”, “warehouse Rope & Co”, “government buoys”, “off[ices]”, and a “boat” (Figure 16). The 1891 Dakin also labels the land parcel to the south (Parcel 30A) as “being filled in”. An 1899 Dakin map includes new additions of “shed[s]”, “coal pile[s]”, “storage”, a “machine shop”, and a “boat builder” in the west portion and a “shed”, “cold storage”, and “ammonia cond[ensor]” owned by the “Hawaiian Electric Light Co.” in the east portion of the project area (Figure 18).

In 1898, Hawai‘i was annexed by the United States and became an important American port. In the early twentieth century the harbor continued to be developed with wharves, piers, and maritime infrastructure. A 1902 map of Honolulu shows the relation of the project area to the growing city of Honolulu (Figure 19). A 1906 Dakin Fire Insurance map shows “Alakea Wharf and Shed” on a large pier (Pier 7) extending from the harbor all the way to Allen St. (Figure 20). The 1906 map shows the north side of the pier labeled “to be excavated” and “new wharf”. The south side of the pier is labeled “being excavated”. The 1906 map also shows “Hawn Ele [Hawaiian Electric], Delivery Shed, Cold Storage” and an “Oil Tank” in the east portion of the project area. By 1907, both sides of the pier were nearly dug out. A 1907 map of Honolulu Harbor shows Pier 7 as labeled “Alakea Street Wharf”. Just north of the wharf is labeled “Kilauea Slip (about 2/3 dredged)” and just south reads “Alakea Slip (dredged)” (Figure 21). Across Allen St. from the wharf, the project area is labeled “U.S. Naval Reservation” and “Hwn. Electric Co.”. A 1906/1907 photo of the construction/enlargement of Pier 7 is provided as Figure 22. A photo of the east side of the Pier 7 warehouse is provided as Figure 23.

Thrum’s Annual for 1908 notes improvements to Honolulu Harbor were well underway and described the work as the following:

Contract work on the \$410,000 improvement of Honolulu harbor dredging and enlarging, by the War Department, began early in February by the Hawaiian Dredging Co. The project includes dredging the harbor seaward from present deep water northward and westward of the channel, and between the channel and quarantine wharf, to give greater facilities for largest ships entering or leaving port. The basin of the harbor is being deepened to a uniform depth of 35 feet below high tide, and is nearing completion. The material from this and the channel dredging is building up an island some seven hundred feet wide and extending from the channel northward and westward about 1,400 feet on which is erected the new front range light, with place for several government buildings. (Thrum 1907:165)

Removed dredge material was used to create Quarantine Island, now called Sand Island. Figure 12 shows a picture of the Honolulu Harbor Dredger.



Figure 12. Photo (n.d.) of the Honolulu Harbor Dredger (c. 1849-1933, Hawai‘i State Archives)

In 1912, the value of the harbor for Hawai‘i was touted.

The deepening of Honolulu Harbor to a sufficient depth to enable the largest ships to enter the port and the improvement of harbors and wharves on all of the islands of the group, are important recent achievements. The fortification of Oahu and the steps taken by the Federal government to make Pearl Harbor a great military and naval base in the Pacific...are of a nature to emphasize the very great commercial and strategic importance of the group. (Bryan 1912:39)

The harbor was an integral part of the city, not only for commerce but also for recreation. “From the mid-1800s to the late-1930s Honolulu Harbor was the focus of attention whenever a ship arrived. The crew and passengers were sources of news from the rest of the world” (Wendt 1989:15 quoted in Wong-Smith and Rosendahl 1990:22). Thrum (1912) mentions the warship, *Kaimiloa*, was sacrificed by setting the ship ablaze off the Esplanade during a 4th of July celebration. A 1914 Army map shows the project area within defined city blocks (Figure 24).

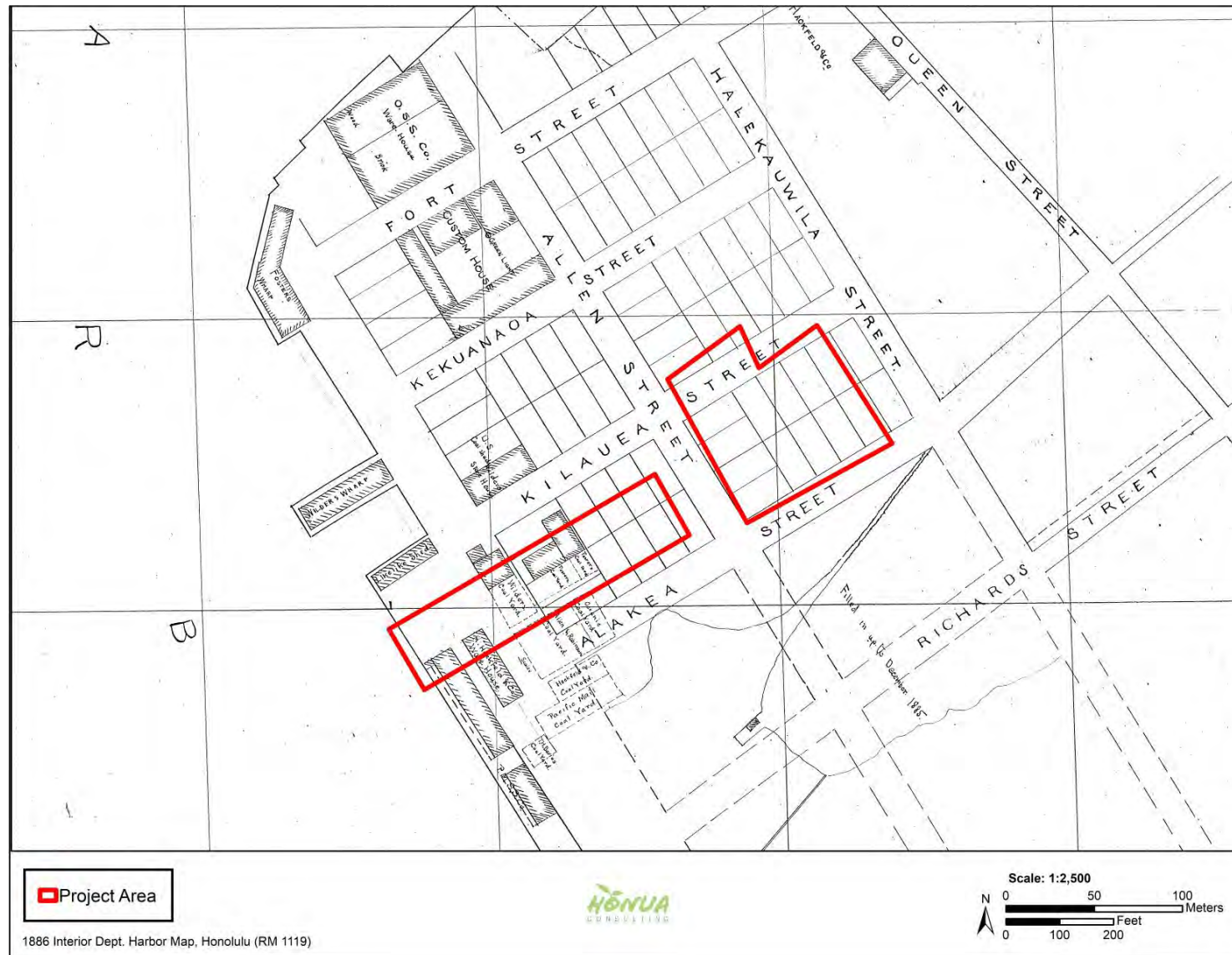


Figure 13. 1886 Interior Department Harbor Map showing the project area containing portions of the “Hackfield & Co Warehouse”, “Wilder’s Coal Yard”, “Allen & Robinson Coal Yard”, “Oceanic Coal Yard”, and “Fosters Coal Yard” (RM 1119)

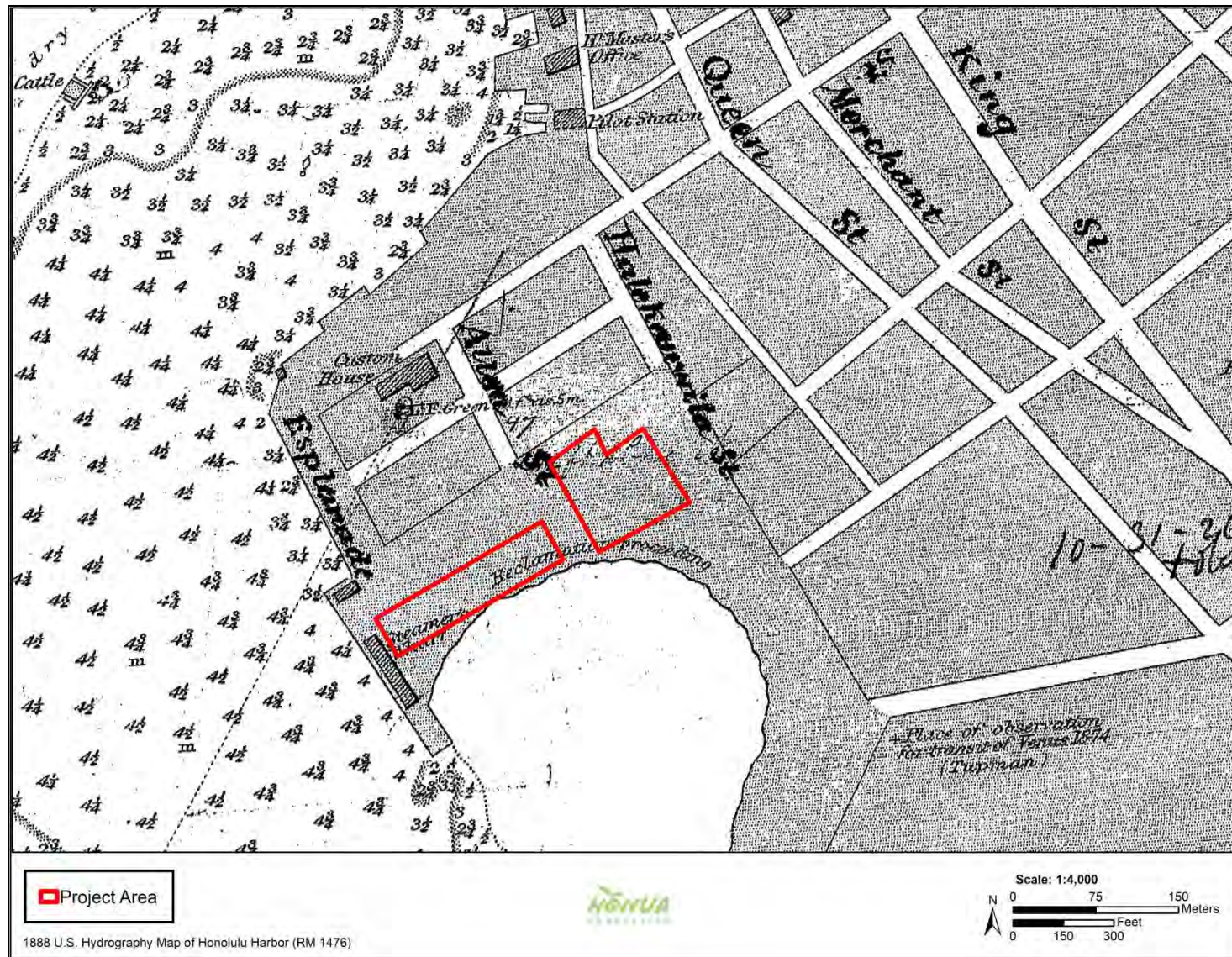


Figure 14. 1888 U.S. Hydrography Map of Honolulu Harbor showing the project area adjacent to an area labeled “Reclamation Proceeding” and the “Steamers Wharf” (Registered Map [RM] 1476)

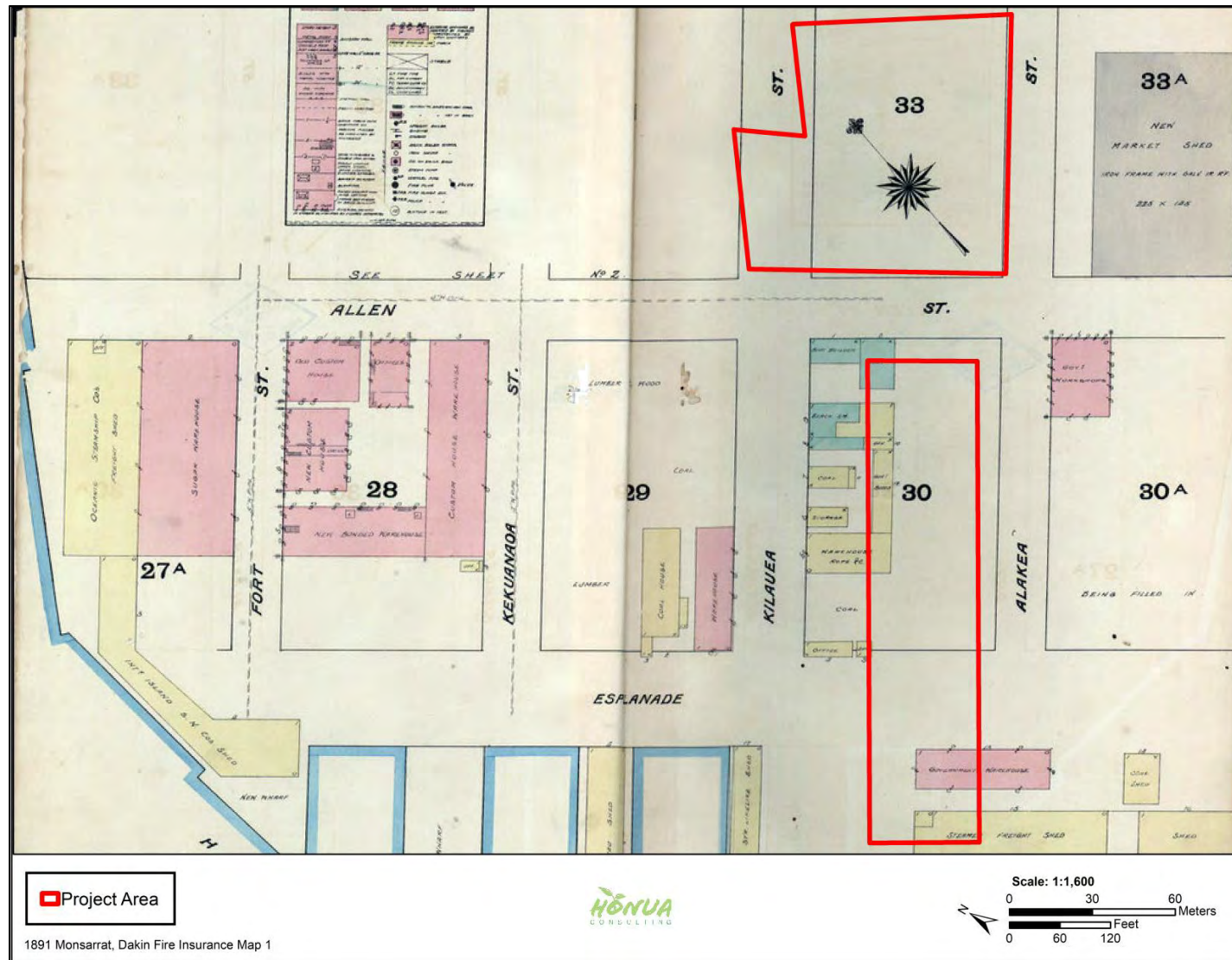


Figure 16. 1891 Dakin Fire Insurance map showing the project area containing a “Steamer Freight Shed”, “Government Warehouse”, “Shed”, “Warehouse Rope & Co”, “Government Buoys”, “Off[ices]”, and “Boat”, notice the parcel to the south (30A) reads “being filled in”

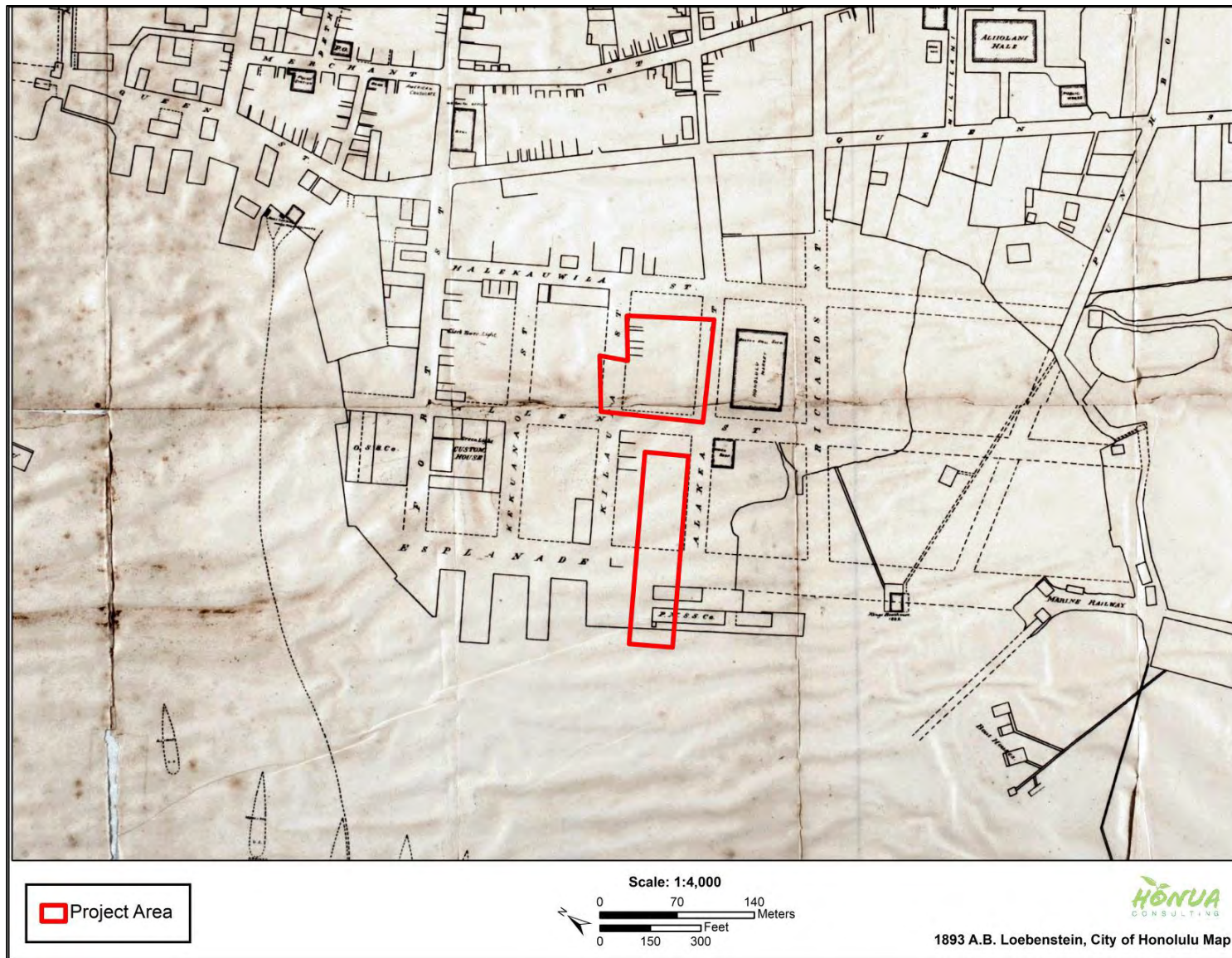


Figure 17. 1893 Loebenstein map of the “City of Honolulu” showing the location of the project area

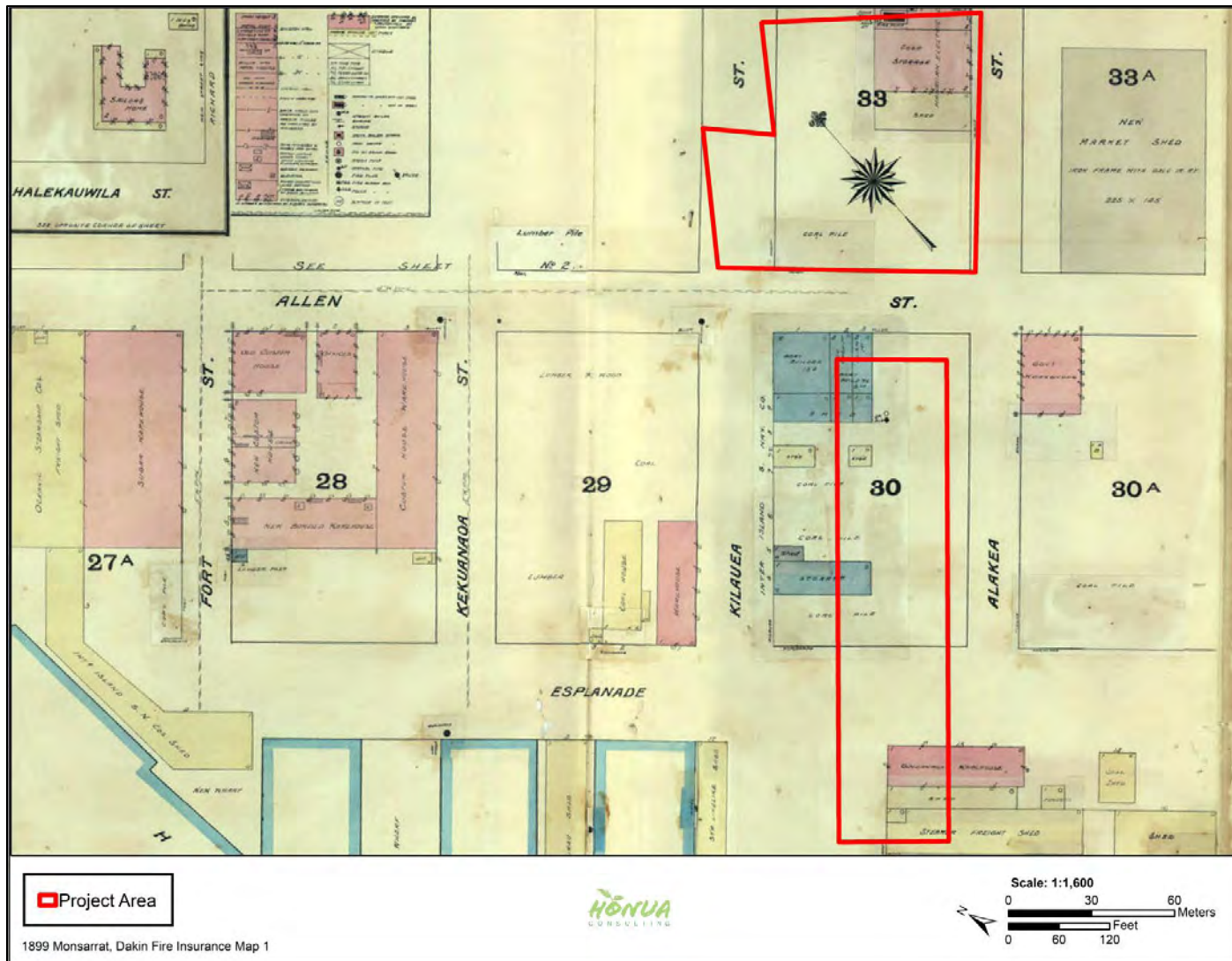


Figure 18. 1899 Dakin Fire Insurance Map showing the project area containing new additions of “Shed[s]”, “Coal Pile[s]”, “Storage”, a “Machine Shop”, and a “Boat Builder“ in the west portion and a “Shed”, “Cold Storage”, and “Ammonia Cond[ensor]” owned by the “Hawaiian Electric Light Co.” in the east portion of the project area

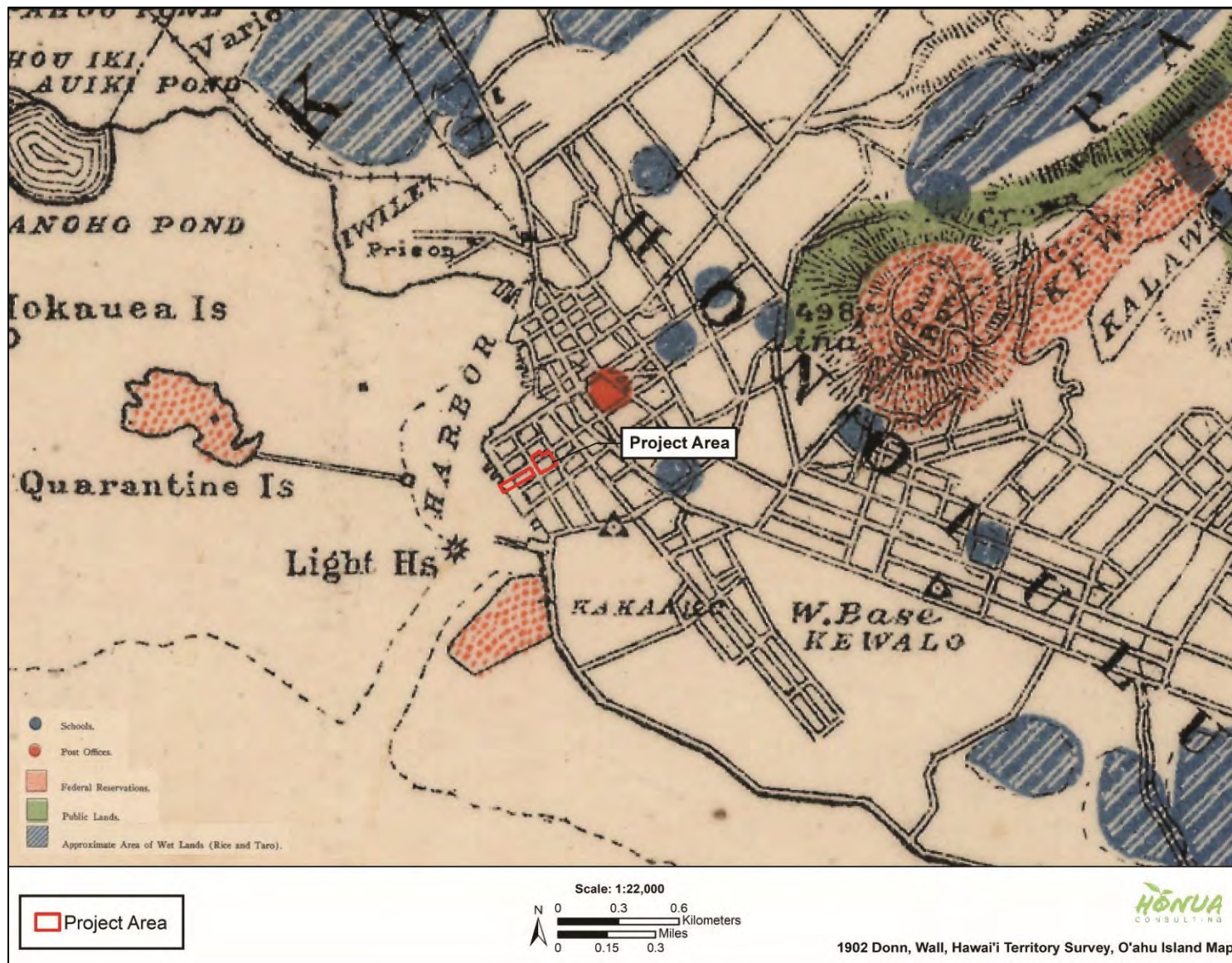


Figure 19. 1902 Donn and Wall Hawai'i Territorial Survey map showing the location of the project area within the city grid

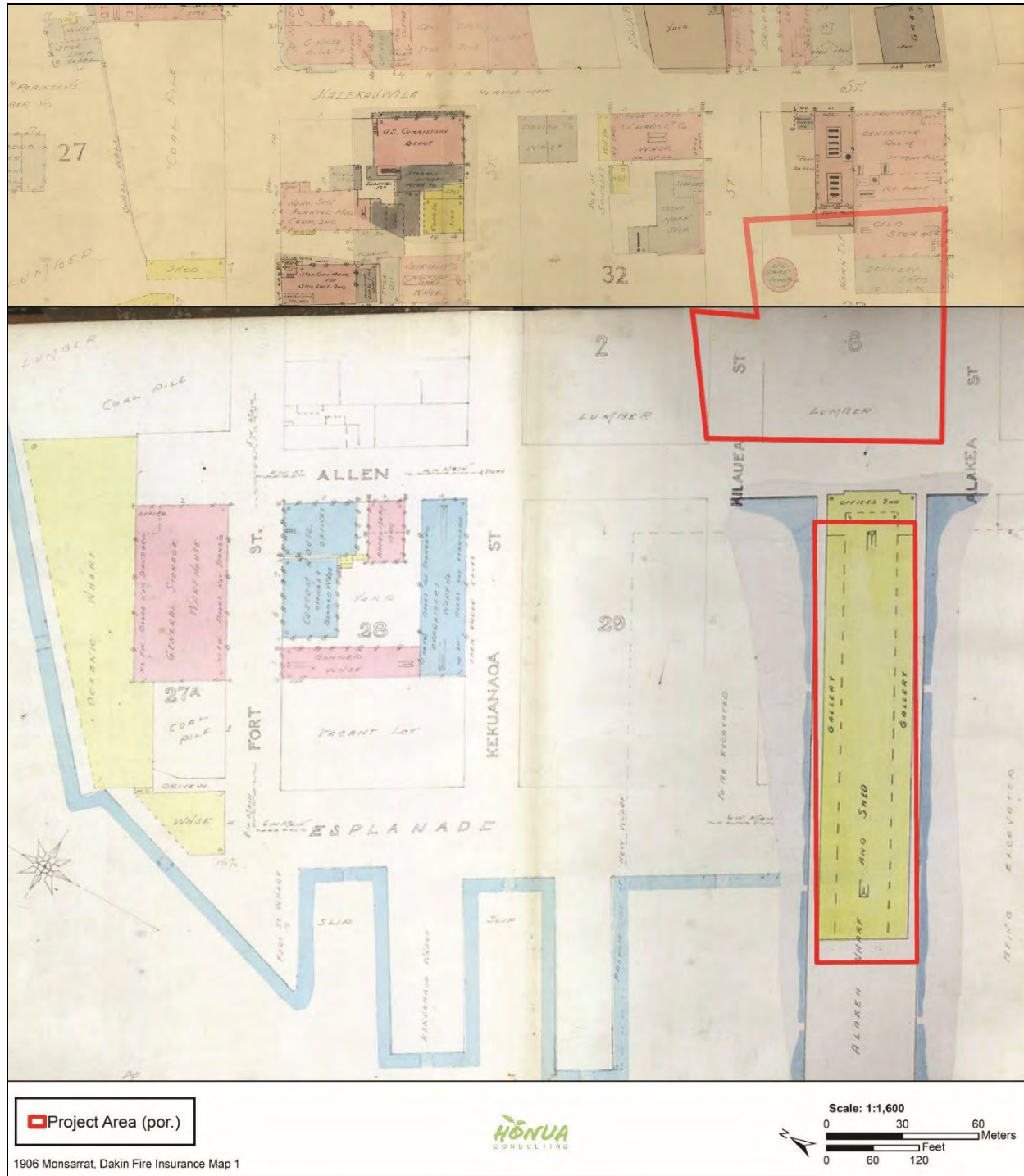


Figure 20. 1906 Dakin Fire Insurance maps (Map 1 and Map 2) showing the project area and newly constructed “Alakea Wharf and Shed” extending to Allen St., notice the north side of the pier reads “To Be Excavated” and the south side reads “Being Excavated”, also notice “Hawn Ele [Hawaiian Electric], Delivery Shed, Cold Storage” and “Oil Tank” in east portion of the project area

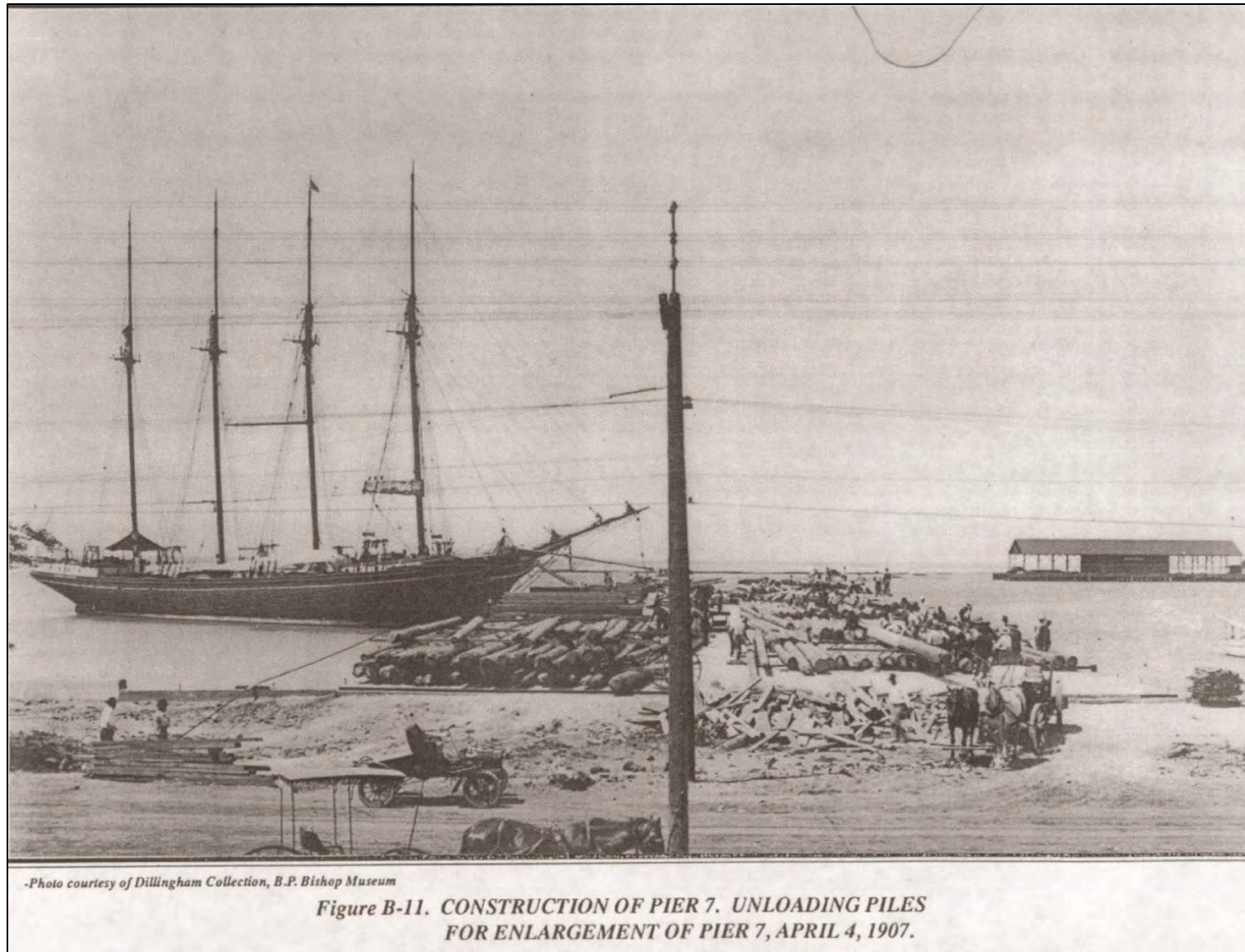


Figure 22. 1906/1907 photo showing construction/enlargement of Pier 7 (Wong-Smith and Rosendahl 1990:Appendix B-11)

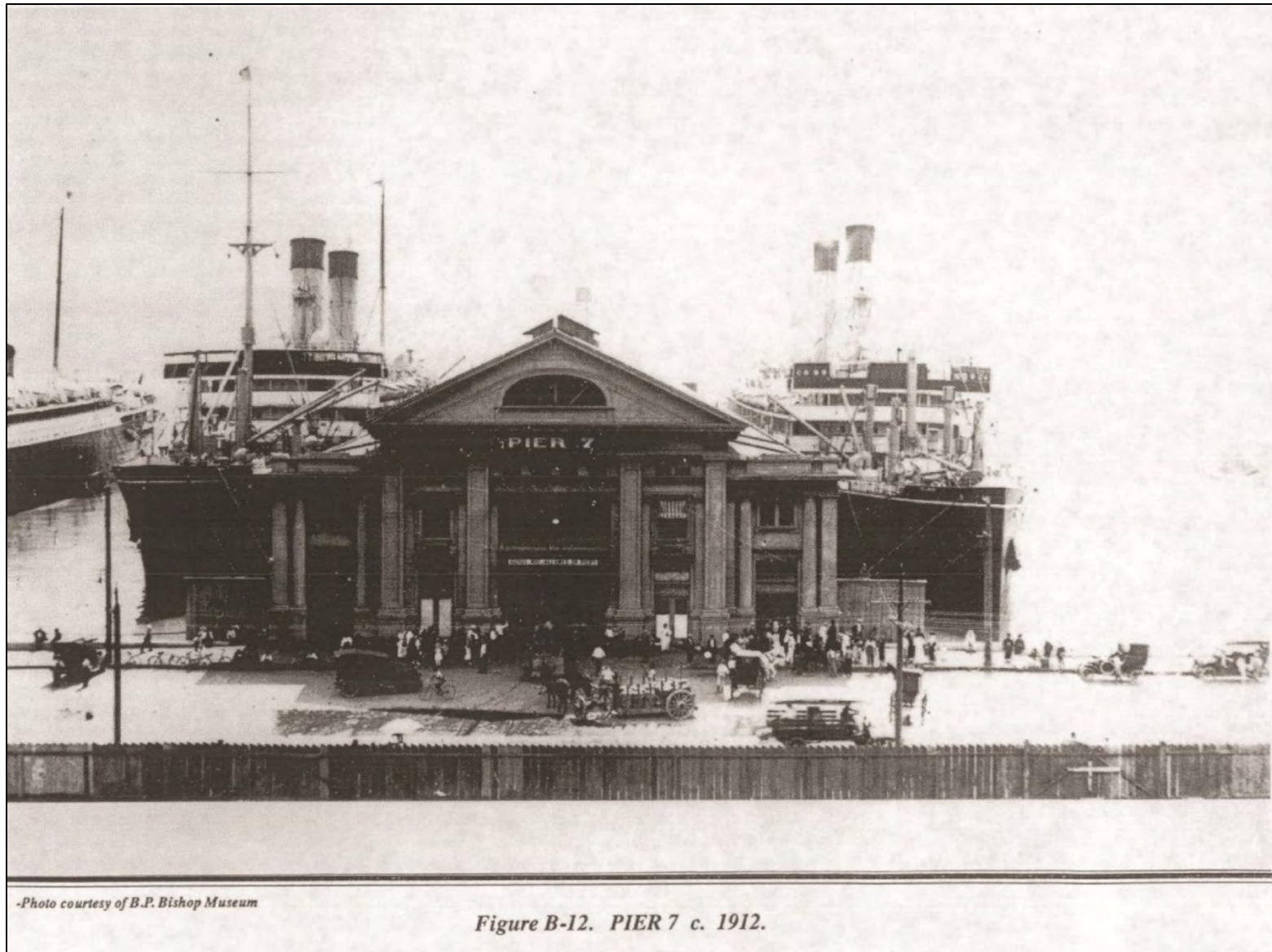


Figure 23. Circa 1912 photo of the east side of Pier 7 (Wong-Smith and Rosendahl 1990:B-12)

Tradewinds Garden and Glass Museum

A 1914 Sanborn Fire Insurance Map shows the “Alakea St. Wharf, Pier No. 7”, with completed adjoining “Kilauea St. Slip” and “Alakea St. Slip” in the harbor, and “offices” along the west side of Allen St. The east side of Allen St. labels a “coal pile 10’ high”, a “Hawaiian Electric Co. Ltd Power Plant”, “oil tank[s]”, “sheds”, “machine shop/garage”, “transformer houses”, “ice tanks”, “ice apparatus”, “ammonia condenser”, and “cold storage” (Figure 25).

By the 1920s, Hawai‘i was a popular tourist destination. In 1925, Piers 8, 9 and 10 were renovated, which had required demolition of the city block between Fort St., Esplanade, Kekuanaoa, and Allen streets. With completion of Pier 11 in 1919, cruise ships were able to dock on Piers 8-11 of Honolulu Harbor (Walsworth 2020). For further discussion on the development of piers of Honolulu Harbor, particularly Piers 5-14 refer to Wong-Smith and Rosendahl (1990) and for Piers 10-15 refer to O’Hare et al. (2013).

In 1926, Aloha Tower was completed on Pier 9, just north of the current project area, and became the landmark of the Honolulu waterfront. Aloha Tower is 184 ft. tall, the tallest building on O‘ahu for four decades, and offered memorable views of the harbor, a lookout station for harbor pilots, and a lighthouse. Streets were once again renamed, with Kilauea St. being removed, realigned, and replaced with Bishop St. and Allen St. becoming Ala Moana and later, Aloha Tower Dr. Aerial photos of the area from 1926-1927 are provided as Figure 26 and Figure 27.

A 1927 Sanborn Fire Insurance Map shows the renamed streets, Pier 7, and infrastructure related to the Hawaiian Electric Co, Ltd. and Power House, Ice Plant & Cold Storage within the project area Figure 28. Pier 7 is depicted as covered with a long building with “open galleries” along the long north and side sides, “supported by concrete posts and beams”. The Power Plant is labeled “Power: steam & electric, Fuel: oil, Lights: electric, city and well water” and includes a “boiler house and power house”, “steel fuel oil tanks”, “machine shop”, “pipe shop”, “ice freezing tanks”, “cold storage”, and an “ammonia condenser”. A 1927 USGS shows the building on Pier 7 and the Hawaiian Electric Building (Figure 29). Aerial photographs and maps from 1952, 1953, and later show the project area within the heavily developed city of Honolulu (Figure 30 and Figure 31).

The surface of Pier 7 has changed over time. A large warehouse building is shown atop the pier in a 1906 Dakin map (refer to Figure 20). Historic maps and photographs show the building existing until the 1960s (Figure 32 and Figure 33). It is recorded that:

“In 1956, \$6.5 million were expended on Piers 5, 6, 7, and 8 (Krause 1987). This work included filling in the area between Piers 5 and 6, building the mezzanine and ramp, and rebuilding of Piers 8, 9, and 10 (pers. comm., Sian Melman 6/25/90). Like Piers 5 and 6. Pier 12 has since been demolished” (Wong-Smith and Rosendahl 1990:23).

Historic photos and maps from circa 1965-1997 show Pier 7 being used as a level, asphalted parking lot and the presence of a large elevated ramp extending north/south through the project area (Figure 34 through Figure 36). The ramp extends from Aloha Tower over the project area to former Piers 5 and 6 which were combined together for another large parking lot. Pier 7 currently has a building on it that was built around 1988-1989, used as the Hawai‘i Maritime Center until it closed in 2009 (Figure 37). The building has since sat vacant on Pier 7.

The Hawaiian Electric Building in the east portion of the project area, was constructed in the 1920s, added onto in 1954, and decommissioned in 2014 (*Hawai‘i Free Press* 2014).

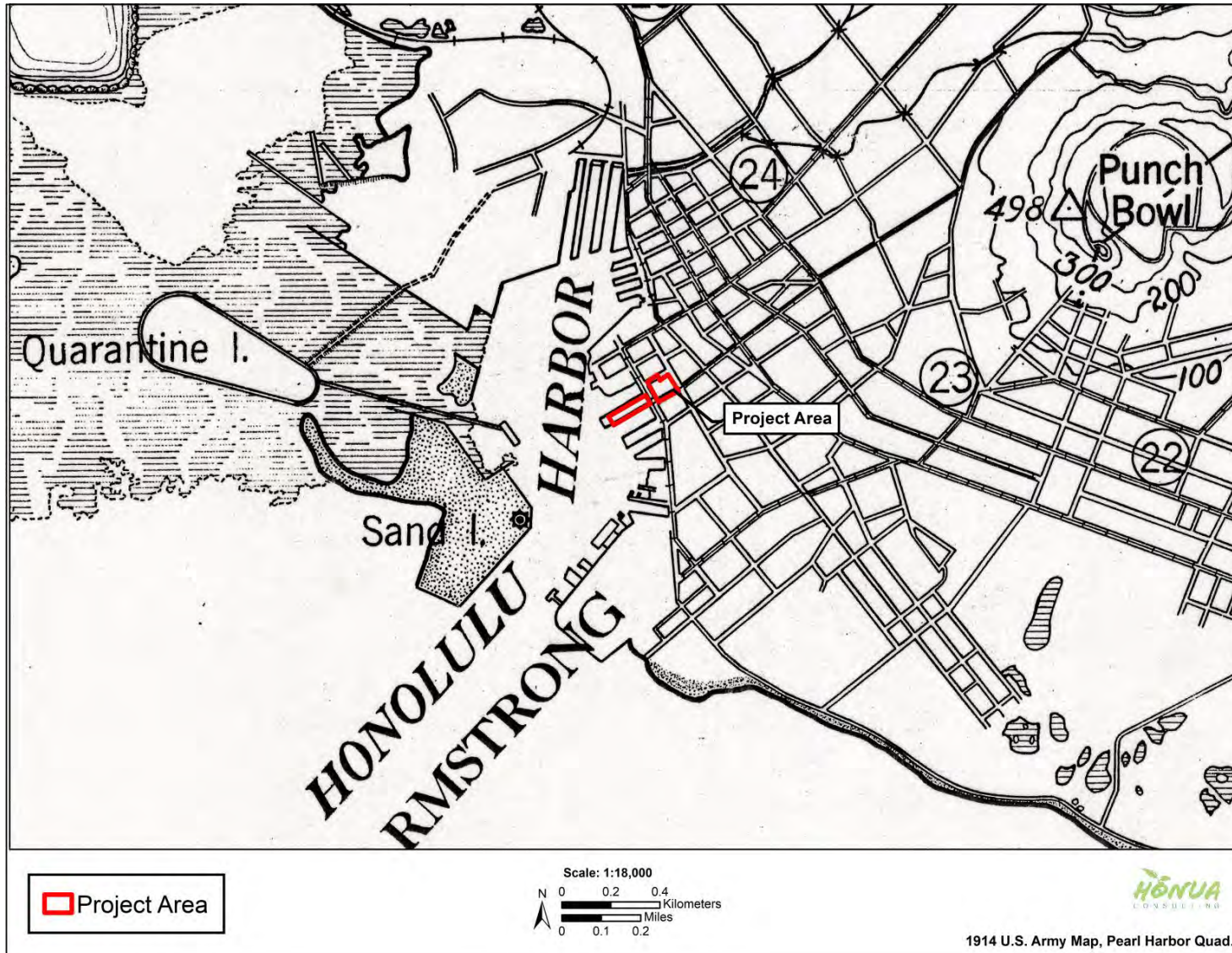


Figure 24. 1914 U.S. Army Map showing Honolulu Harbor and the location of the project area

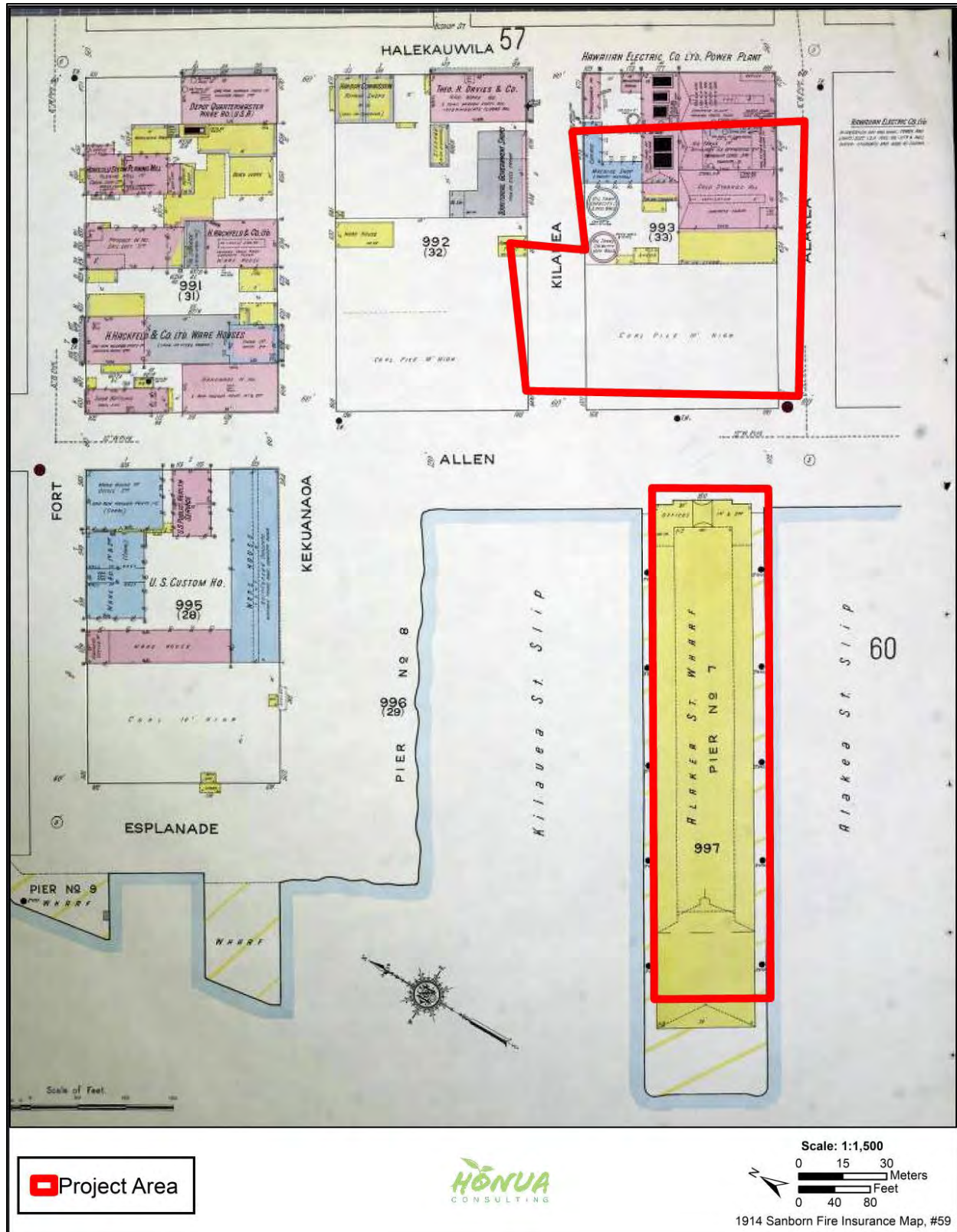


Figure 25. 1914 Sanborn Fire Insurance Map showing the project area, notice a large building on Pier 7 and multiple structures in the western portion of the project area



Figure 26. 1926 aerial photo of Honolulu Harbor, notice piers along the waterfront, Aloha Tower (center) and the project area (center right) (ATM 2024)



Figure 27. 1927 aerial of Honolulu Harbor (Hawaiian Aviation, HDOT Archives)

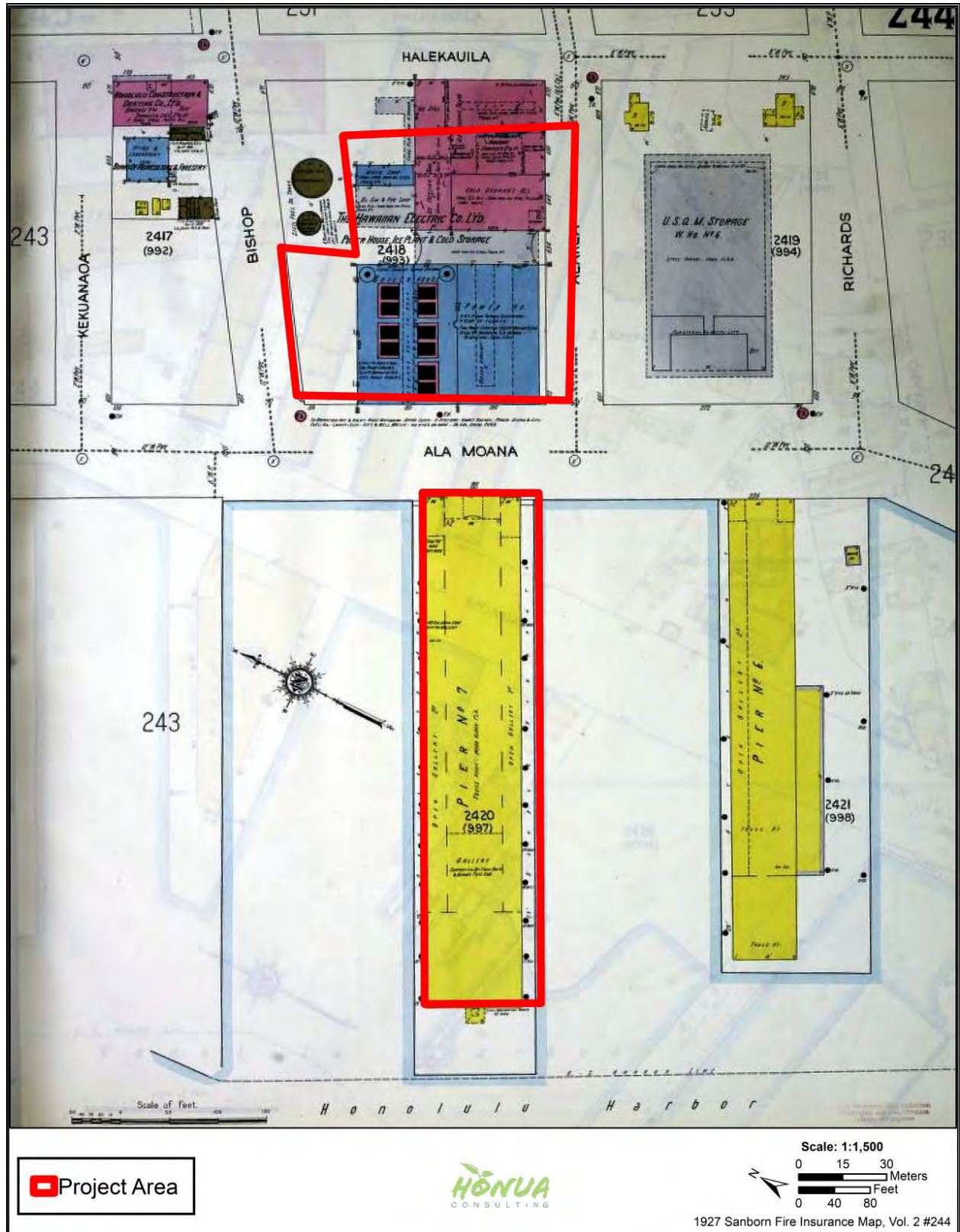


Figure 28. 1927 Sanborn Fire Insurance Map showing the project area

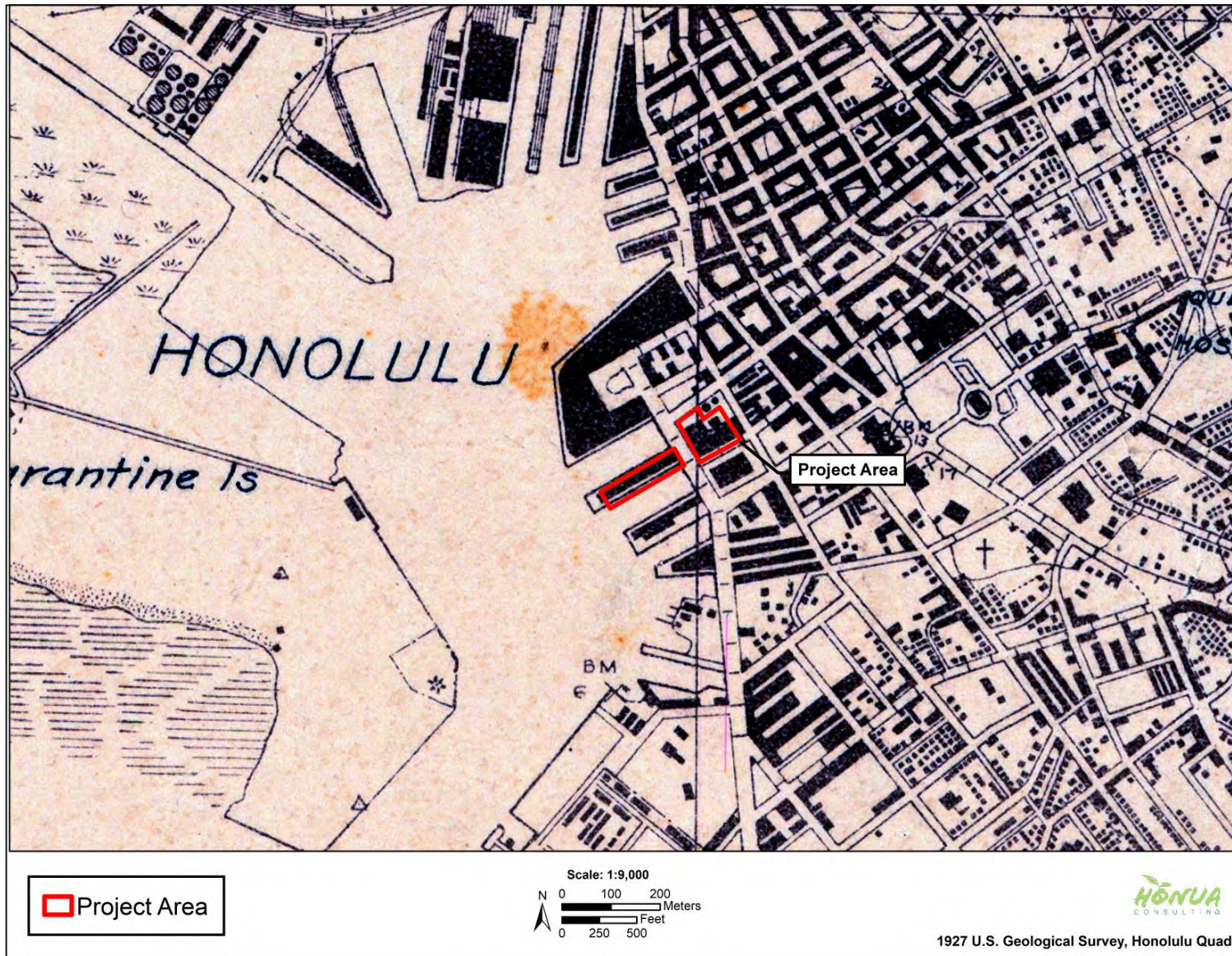


Figure 29. 1927 Honolulu USGS showing the location of the project area, notice the Hawaiian Electric Company Building

Tradewinds Garden and Glass Museum

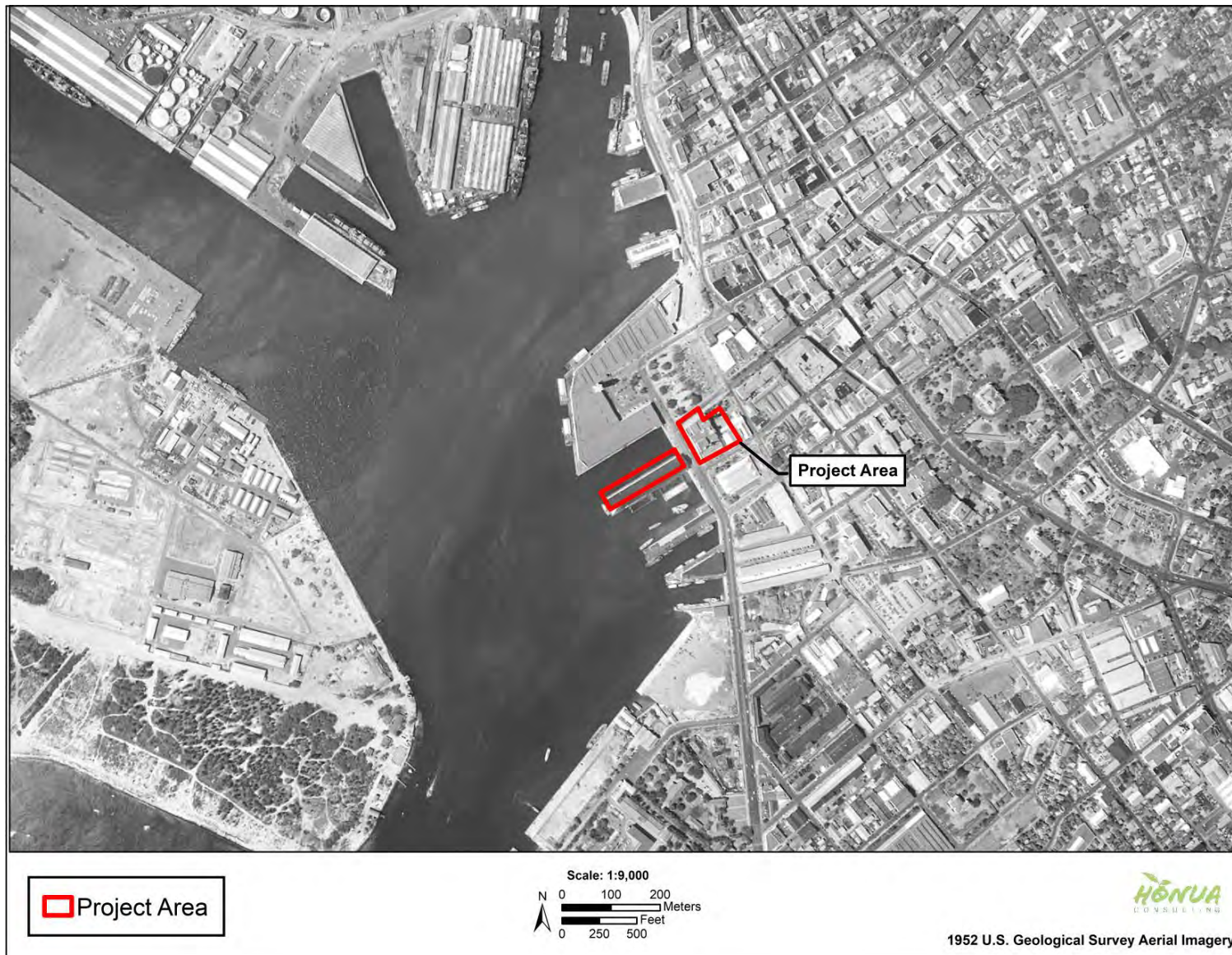


Figure 30. 1952 aerial orthoimage showing the location of the project area within heavily developed Honolulu

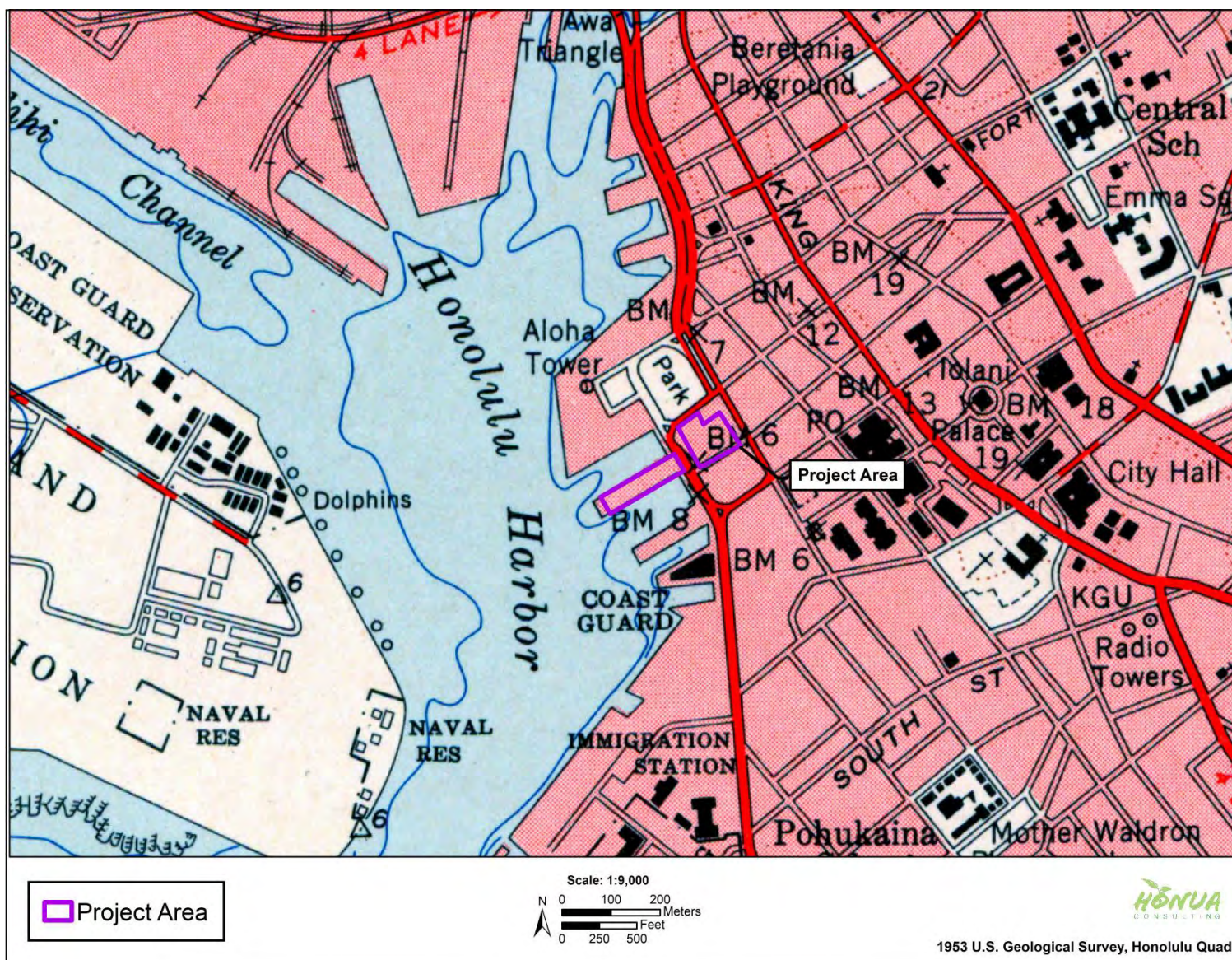


Figure 31. 1952 Honolulu USGS showing the location of the project area within heavily developed Honolulu

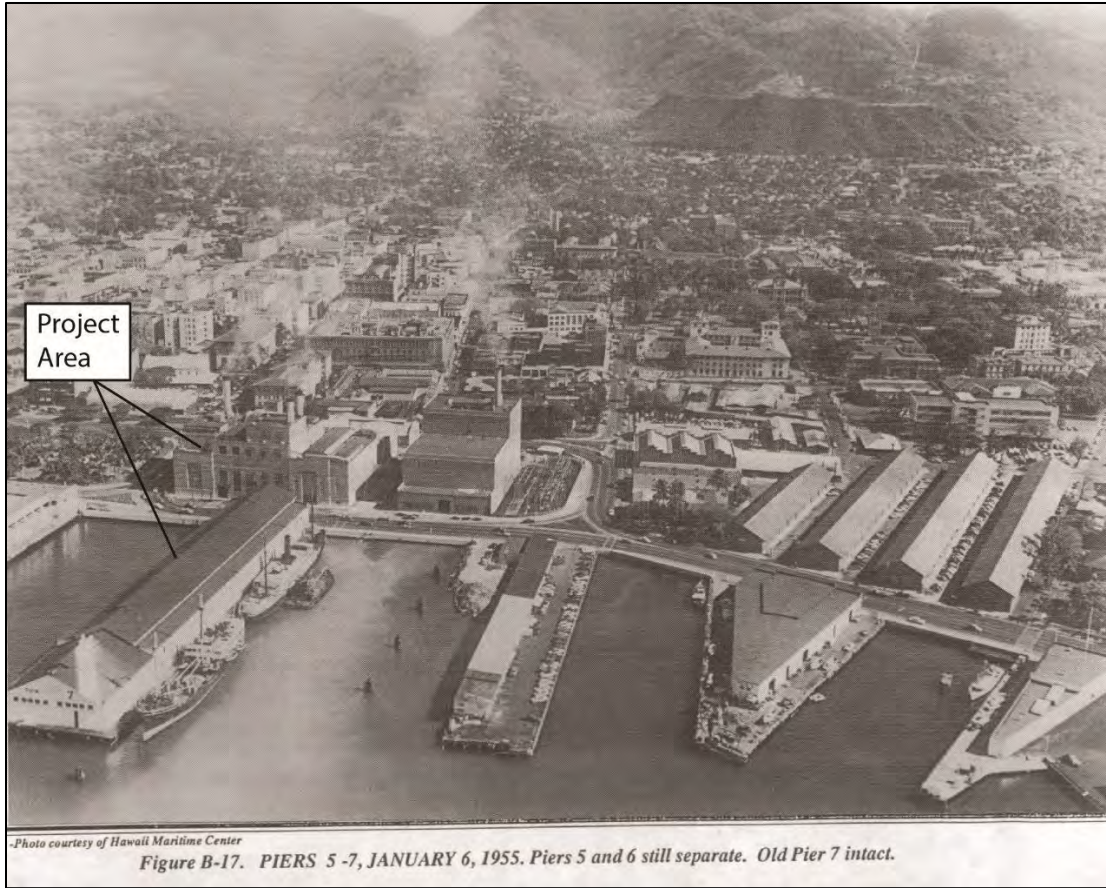


Figure 32. 1955 aerial image showing the project area, notice the warehouse on Pier 7 is existent (Wong-Smith and Rosendahl 1990:Appendix B-17)



Figure 33. 1957 photograph of Pier 7 (Flickr 2020)



Figure 34. 1965 photo showing the warehouse on Pier 7 (center) removed and an elevated ramp extending over the pier (Wong-Smith and Rosendahl 1990:Appendix B-18)

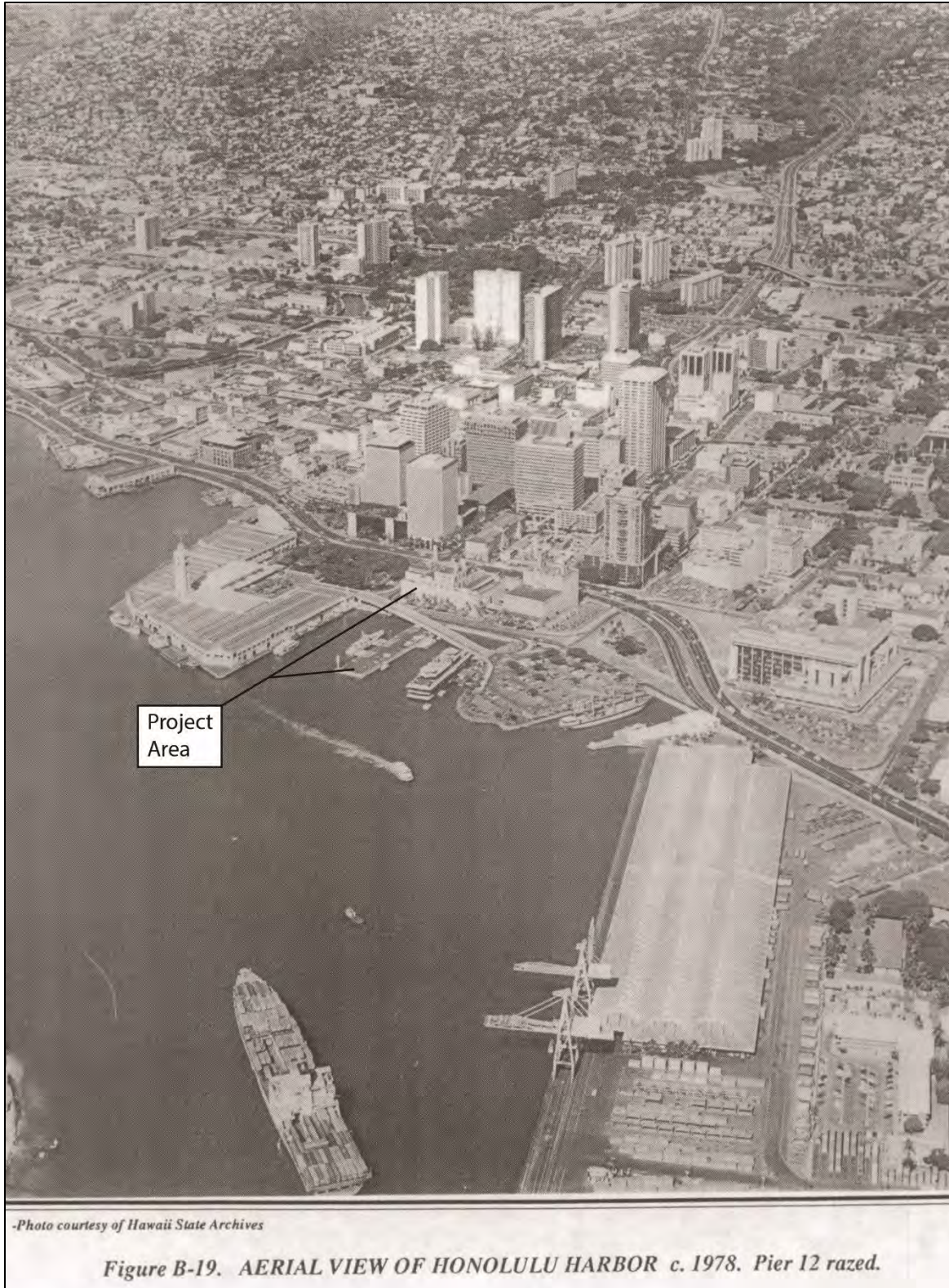


Figure 35. 1978 aerial image of Honolulu Harbor, notice the elevated ramp extending over Pier 7 (Wong-Smith and Rosendahl 1990:Appendix B-19)

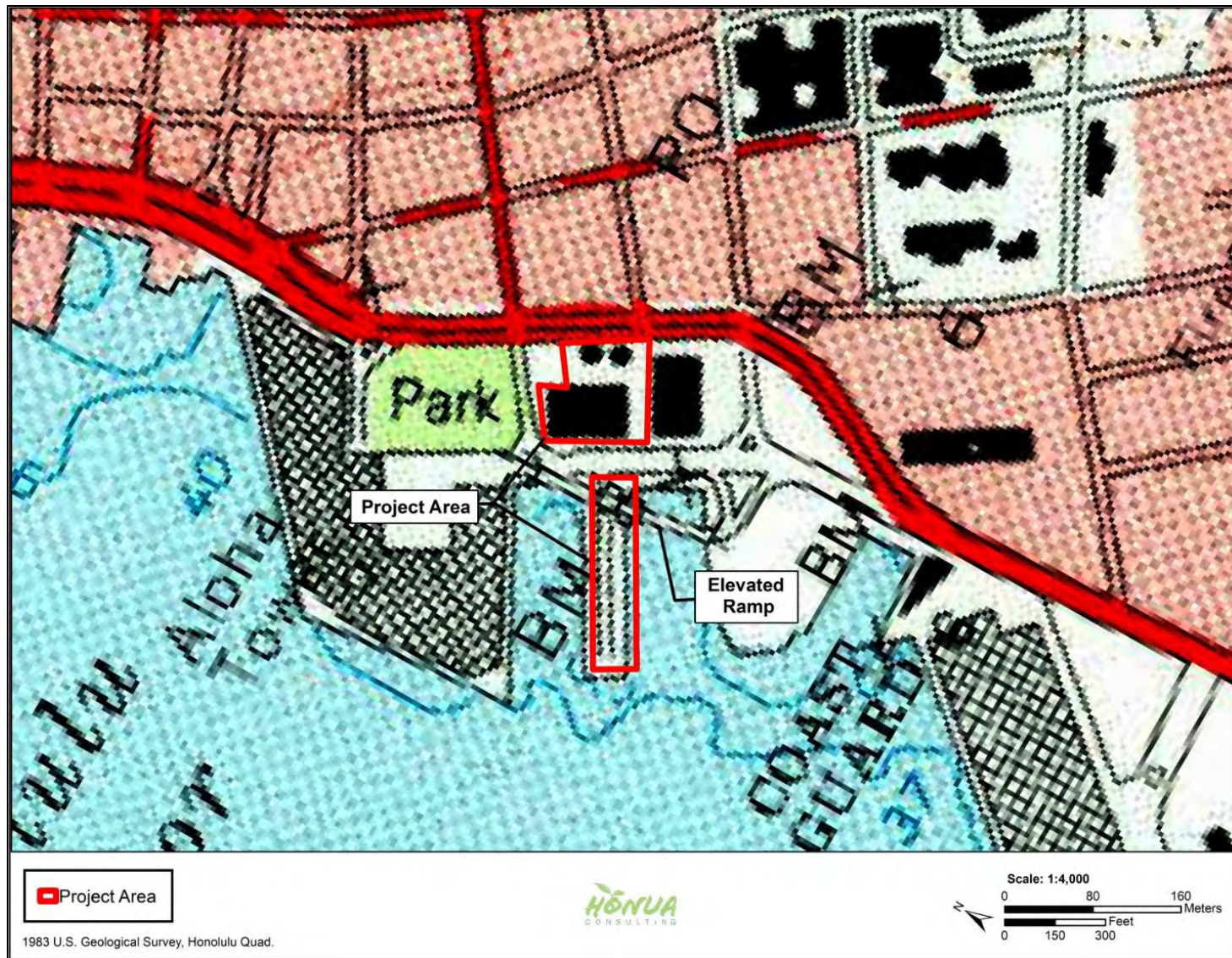


Figure 36. 1983 Honolulu USGS showing the project area, notice the presence of the elevated ramp

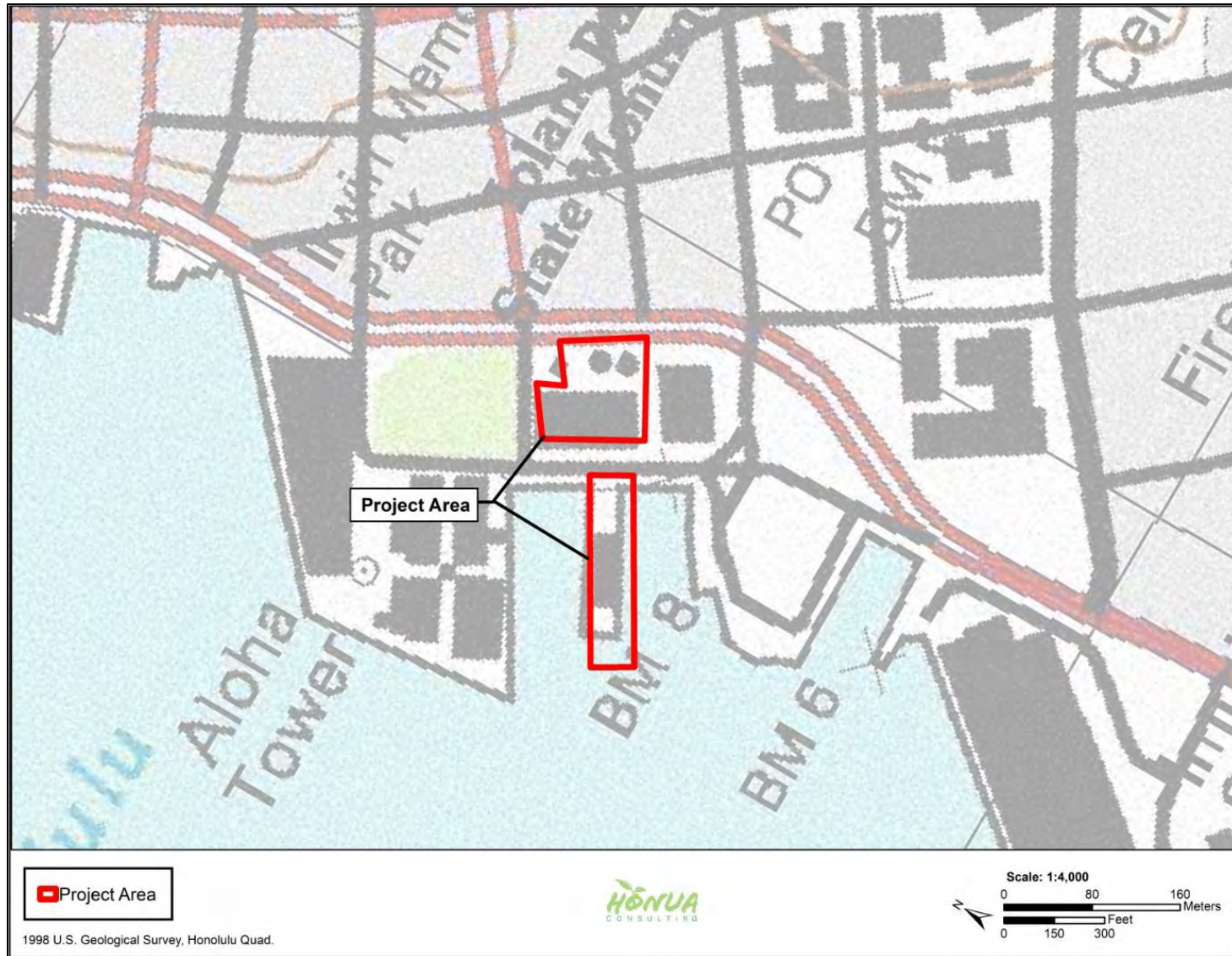


Figure 37. Portion of a 1998 Honolulu USGS showing the project area, notice the elevated ramp has been removed and the presence of the Hawai'i Maritime Center building

Harbor construction continued throughout the 21st century. Today, Honolulu Harbor continues to be the center of commerce in Hawai‘i. It houses large container ships, tankers, barges, auto carriers, and cargo ships carrying a wide variety of consumer goods and products (HDOT 2012). Honolulu Harbor averages approximately 40 ft. in depth and includes over 200 acres of container yard, over 30 major berth facilities, and more than 5 linear miles of mooring space. The current project area is located in the Main Harbor Basin (Figure 38). Pier 7 is listed as having a berth length of 380 ft. on its south side, 330 ft. on the north side, with a water depth of 30 ft (HDOT 2012).



Figure 38. Map of Honolulu Harbor (HDOT 2012)

Previous Archaeological Studies

Numerous archaeological investigations have been conducted in downtown Honolulu. Studies near the current project area have largely focused on the Capital District, commercial development of the harbor front, and highway and utility infrastructure. Archaeological studies have documented pre- and post-contact subsurface cultural deposits, building foundations, remnants of the early Honolulu rapid transit system, and human burials. Archeological studies and historic properties present within a 0.3 mile (500 meter) radius of the project area are shown in Figure 40 and Figure 41. They are also listed in Table 4 and are described below.

3.1 Archaeological Studies Within the Project Area

The majority of the project area, including all of TMK: [1] 2-1-014:006 (HECO Power Plant) and the majority of TMK: [1] 2-1-001:057 and 058 (Pier 7), have not been formerly surveyed prior to this study. One previous archaeological study included a small portion of the current project area (Wong-Smith and Rosendahl 1990) and several others have been conducted adjacent to the project area within Bishop Street, Aloha Tower Drive, and Ala Moana Boulevard. No historic properties have been designated within or adjacent to the project area, with the exception of the ship, *Falls of Clyde* (SIHP # 50-80-14-9700, NRHP #73000659), which is proposed to be removed.

The *Falls of Clyde*, is a four-masted ship, measuring approximately 266 feet long by 40 ft. wide (Delgado 1988). The ship was built in 1878 in Port Glasgow, Scotland, on the banks of the River Clyde. It was part of Captain William Matson's Matson Navigation Company sugar fleet from 1898-1907 and was then retrofitted to carry oil to the plantations. It was modified again in 1922 to become a fuel-oil barge and floating gasoline depot (Delgado 1988:6). The ship has been docked in Honolulu Harbor since the 1960s and was opened to the public in 1968. It was first docked along Pier 5 and later moved to Pier 7 where it remains currently. Due to its deteriorated condition, the ship was delisted from the Hawai'i Register of Historic Places in 2023 and the National Register in 2024 (HHF 2024). The ship was once recognized as a National Historic Landmark (NHL), however, the Secretary of the Interior is reviewing whether the ship will continue to be delisted as an NHL. The ship is proposed to either be dismantled or moved back to Scotland.



Figure 39. Post 1968 photo of the *Falls of Clyde* along Pier 7 (HAERS 1968)

3.1.1 Wong-Smith and Rosendahl 1990

In 1990, Paul H. Rosendahl Ph.D. Inc. (PHRI) conducted an historic assessment and field inspection for the Aloha Tower Complex, focusing on the waterfront of Honolulu Harbor from Pier 5 to Pier 14 (Wong-Smith and Rosendahl 1990). Background research indicated that the entire project area had been underwater and that a small portion of shoreline that was once present was removed during channel dredging for the harbor. Therefore, it was determined that the entire project area was filled during land reclamation activities and development of Honolulu Harbor. It was reported to the report author by Captain David Lyman, that coral “blocks from Honolulu fort were used as bulkheads for Piers 8-12” (Wong-Smith and Rosendahl 1990:25). Large, submerged, cut coral blocks were observed during the study some 10 ft. out from Pier 12. The field inspection identified Piers 8 through 12 and Aloha Tower as the only significant surface features present. The report states that other piers in their study area had been dramatically reconstructed. Piers 8-11 were found to be significant under criteria A and C of the National Register.

3.2 Archaeological Studies in the Vicinity

3.2.1 McAllister 1933

In the early 1930’s, the Bishop Museum conducted the first systematic archaeological study of the Honolulu area as part of the island-wide survey of O‘ahu. McAllister (1933:80-83) provides an extensive historical description of Honolulu:

Site 66. Honolulu.

Information regarding former sites within the present limits of Honolulu must come entirely from literary sources. If there are any Hawaiians who remember having heard of old places, I have not been able to discover them.

The old name for Honolulu is said to be Kou, a district from Nu‘uanu to Alakea streets and Hotel Street to the sea. Westervelt (85, p. 1) says:

“Honolulu” was probably a name given to a very rich district of farm land near what is now...the junction of Liliha and School Streets, because its chief was Honolulu, one of the high chiefs of the time of Kakuhihewa. [The name Honolulu is said to mean] “abundance of peace” or “sheltered hollow.”

After the discovery of the excellence of Honolulu’s harbor the town rapidly increased. In 1825 Macrae (59, pp. 16, 17) found:

The town of Hanaruru contains about five or six hundred houses, and if the number of inhabitants is taken at about ten to a hut, where they generally live together in families of two or three generations, they will amount to about 6000, which I think is underrated. Their huts are built without any regular form, enclosed with low mud walls, and a small garden, but without taro ponds the same as we saw at Mowee.

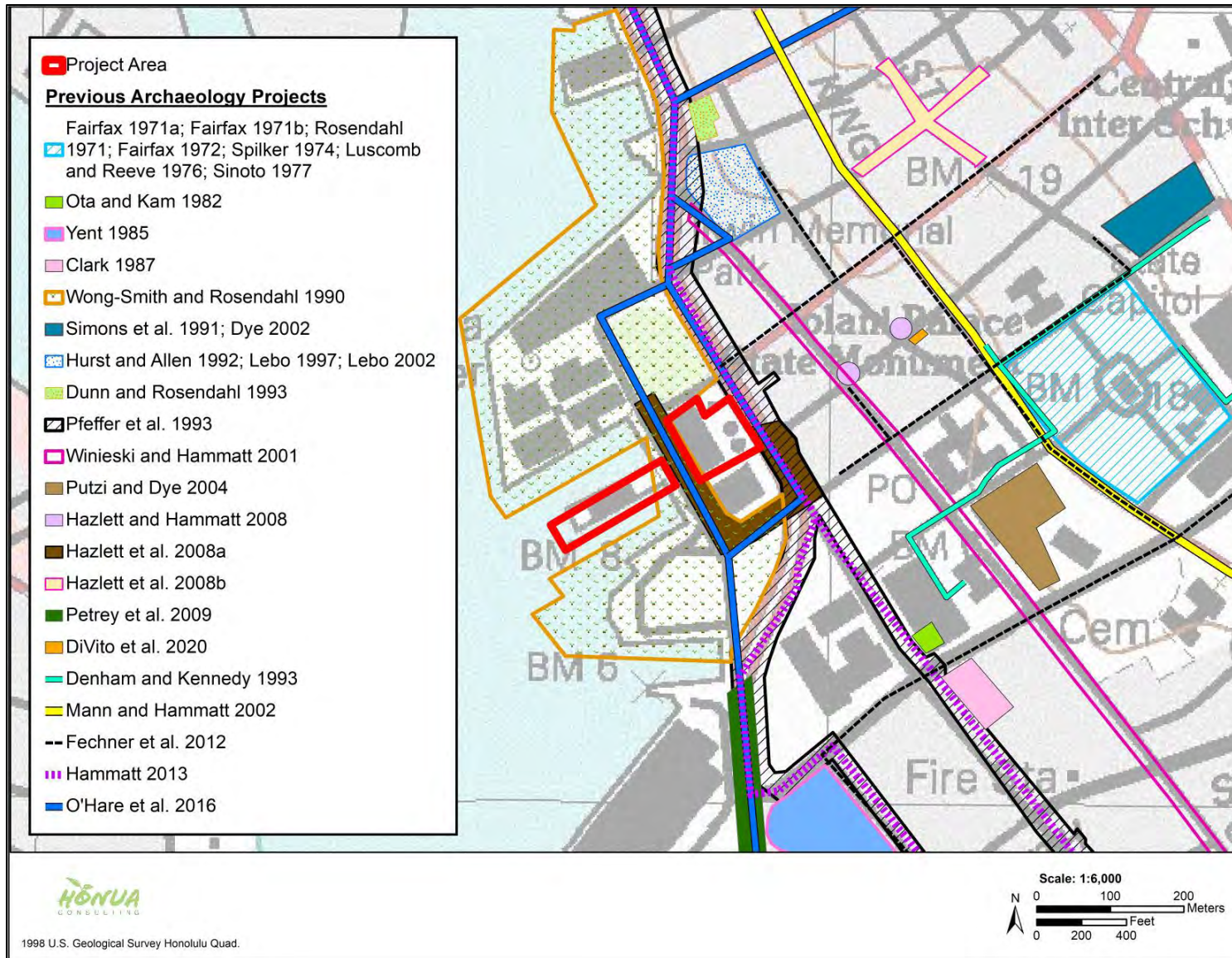


Figure 40. Portion of an USGS showing locations of previous archaeological studies within 0.3 miles of the project area Tradewinds Garden and Glass Museum

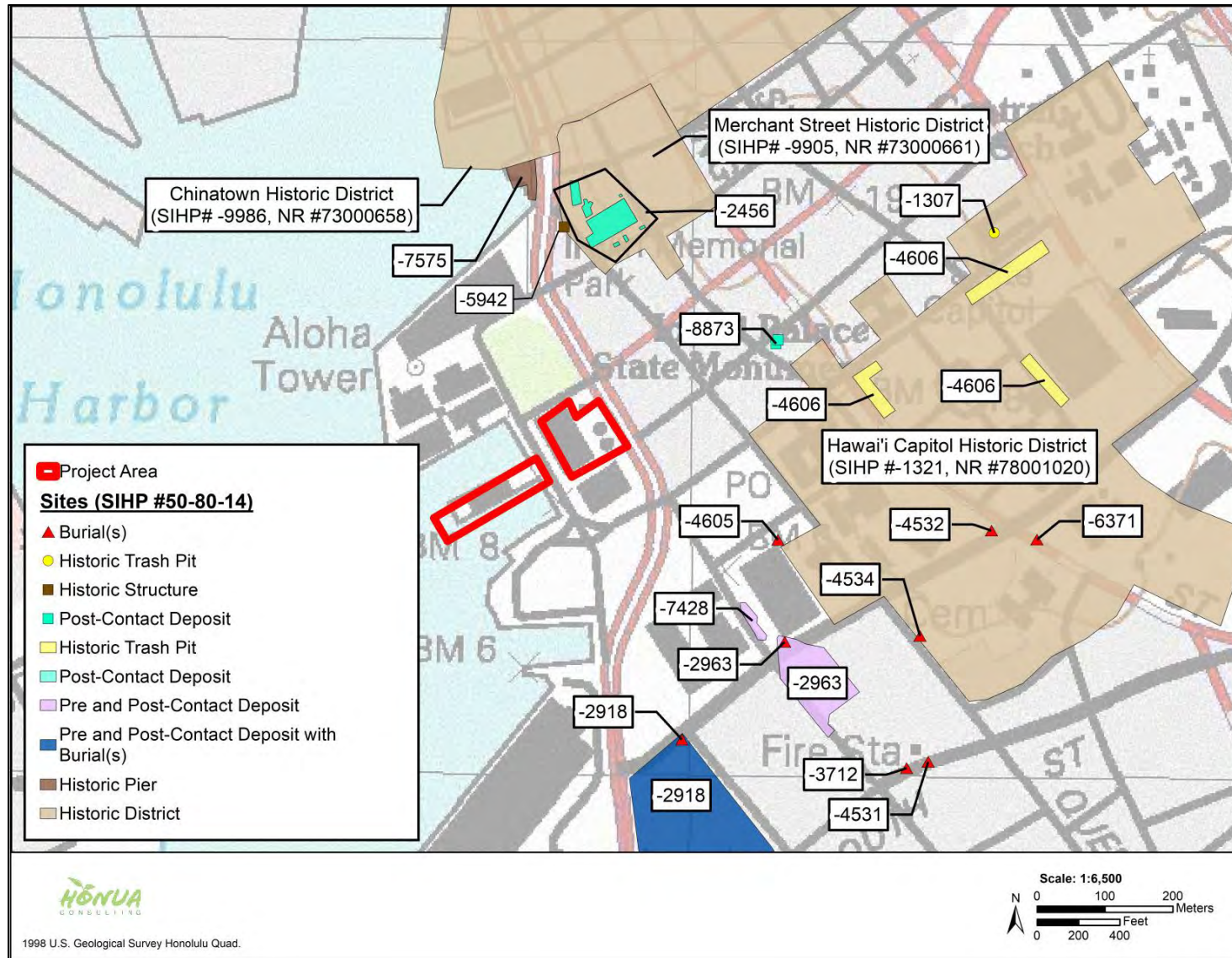


Figure 41. Portion of a USGS showing previously documented sites within 0.3 miles of the project area

Table 3. List of Previous Archaeological Studies within 0.25 Miles of the Project Area

Author(s)	Type of Study	Location	Findings (SIHP #50-80-14)
McAllister 1933 (not shown in Figure 40)	Island-Wide Survey	O'ahu	Honolulu recorded as Site 66 (not shown in Figure 41)
Fairfax 1971a	Archeological Excavation Report	'Iolani Palace, moat curb	Documented a historic refuse pit containing hundreds of artifacts; no SIHP assigned
Fairfax 1971b	Archaeological Excavation and Exploration Report	'Iolani Palace, carriage road	Documented a portion of the old 'Iolani Palace carriage road; no SIHP assigned
Rosendahl 1971	Archaeological Investigation and Exploration Report	'Iolani Palace, carriage road	Documented a portion of the old 'Iolani Palace carriage road; no SIHP assigned
Fairfax 1972	Archaeological Exploration Report	'Iolani Palace	Documented a portion of the parterre garden path of 'Iolani Palace; no SIHP assigned
Spilker 1974	Archaeological Salvage Report	'Iolani Palace, moat wall	Documented a historic refuse pit and a portion of the old 'Iolani Palace carriage road; no SIHP assigned
Luscomb and Reeve 1976	Archaeological Surveillance and Salvage Report	'Iolani Palace grounds	Documented 5 artifact concentrations and 3 refuse pits, over 1,200 artifacts collected; no SIHP assigned
Sinoto 1977	Archaeological Surveillance and Salvage Report	'Iolani Palace	Documented a single refuse pit; no SIHP assigned
Ota and Kam 1982	Osteological Analysis	State Office Building #2, corner of Punchbowl and Halekauwila Street	Documented 6 sets of human remains (SIHP # -2963); tooth evulsion reported, likely traditional Hawaiian or early historic period
Yent 1985	Burial Excavation Report	Honolulu Ironworks Construction Site; TMK: [1] 2 1-29:001	Documented 6 set of human skeletal remains and a sandy loam pre- and post-contact A-horizon (SIHP # -2918), burials likely from Ka'ākaukukui Cemetery (early historic period)

Author(s)	Type of Study	Location	Findings (SIHP #50-80-14)
Clark 1987	Archaeological Monitoring Report	Corner of Punchbowl and Halekauwila Street	Documented 7 human burials and 27 pre- and post-contact features as a portion of previously recorded (SIHP # -2963)
Wong- Smith and Rosendahl 1990	Historical Assessment	Aloha Tower Complex; TMK: [1] 2-1-001; Includes a Portion of Current Project Area	Concluded that the entire project area had been historic period reclaimed land, assessed Piers 8-12 and Aloha Tower as potentially significant surface features
Simons et al. 1991	Historical Research, Archaeological Monitoring, and Artifact Analysis	Armed Forces YMCA Building (Hawai'i State Art Museum); TMK: [1] 2-1-017:001 and 002	Recorded several historic refuse pits (SIHP # -1307) with artifacts dating between the early historic period and early 20 th century some of which were associated with the Hawaiian Hotel
Hurst and Allen 1992	Archaeological Monitoring and Inventory Survey	Towers at Harbor Court, 847 Bethel Street	Recorded a subsurface cultural layer (SIHP # -2456) containing pre- and post-contact features, primarily foundations associated with 19 th century development of Honolulu Harbor
Denham and Kennedy 1993	Archaeological Monitoring Report	State Capital Complex	Recorded two sites; SIHP # -4605, a multi-component site consisting of a single human burial, a historic trash pit, a ditch, a pit, a firepit, and 6 postholes with a radiocarbon date from the firepit ranging to 1390-1700 A.D., and SIHP # -4606, consisting of 9 historic era trash pits throughout the capital complex
Dunn and Rosendahl 1993	Archaeological Inventory Survey	Nu'uaniu Court; TMK: [1] 2-1- 002:026	Recorded 19 features as additional components of SIHP # -2456, consisting of 11 pre-contact and early-historic postholes, a pre-contact pit, an historic ash lens, a foundation wall, a pipe trench, and two historic floors; site was interpreted as being occupied as early as 1250 A.D.

Author(s)	Type of Study	Location	Findings (SIHP #50-80-14)
Pfeffer et al. 1993	Archaeological Monitoring Report	Kaka‘ako Improvement District 1; TMK’s: [1] 2-1-029 to [1] 2-1-032, [1] 2-1-046 to [1] 2-1-048, [1] 2-1-051, [1] 2-1-054, and [1] 2-1-055	Recorded over 149 human burials, including 116 historic burials from Kawaiaha‘o Cemetery (SIHP # -4534) (1825-1920 A.D.), 31 burials from the Honuakaha Smallpox Cemetery (SIHP # -3712 and -4531) (1853-1854 A.D.), a historic burial at Punchbowl Street (SIHP # -4532), and a possible pre-contact burial at Halekauwila Street (no SIHP)
Lebo 1997	Archaeological Data Recovery	Towers at Harbor Court, 847 Bethel Street	Conducted data recovery excavations on the post-contact deposits of previously documented SIHP # -2456, a subsurface cultural layer containing pre- and post-contact features and building foundations; recorded an additional 35 feature components, collected and analyzed hundreds of artifacts dating to the 19 th century
Winieski and Hammatt 2001	Archaeological Monitoring Report	Nimitz Highway; TMK: [1] 1-7-02, 03 and [1] 2-1-02, 13-16, 25, 27, and 29-32	Recorded remnants of a historic light gauge railway (SIHP # -5942) located at the intersection of Queen Street and Nimitz Highway
Dye 2002	Archaeological Monitoring	No. 1 Capitol District Building (Hawai‘i State Art Museum); TMK: [1] 2-1-017:001 and 002	Secondarily deposited historic artifacts were encountered during excavation of the elevator shaft but were assessed as not significant; no sites recorded
Lebo 2002	Archaeological Data Recovery	Towers at Harbor Court, 847 Bethel Street	Conducted data recovery excavations on the pre-contact deposits of previously documented SIHP # -2456, a subsurface cultural layer containing pre- and post-contact features and building foundations; recorded an additional 113 feature components, based on radiocarbon dates the site was interpreted as utilized between 1000 to 1200 A.D.

Author(s)	Type of Study	Location	Findings (SIHP #50-80-14)
Mann and Hammatt 2002	Archaeological Monitoring Report	King Street Rehabilitation Project; TMK: [1] 2-1 por. and [1] 1-7 por.	Recorded a single human burial (SIHP # -6371) interpreted to be of native Hawaiian ancestry on King Street fronting Honolulu Hale; documented a historic trash pit containing butchered animal bones at the corner of North King and Richards Streets
Putzi and Dye 2004	Archaeological Monitoring Report	Ali‘iōlani Hale; TMK: [1] 2-1-025:003	Recorded a single historic refuse pit; assessed as not significant, no SIHP assigned
Hazlett and Hammatt 2008	Archaeological Monitoring Report	American Disabilities Act Improvements at Alakea, Queen, and Merchant Streets; TMK: [1] 2-1-001,[1] 2-1-014, and [1] 2-1-016	Documented historic trash, building materials, and animal bones within fill and/or previously disturbed soils at both intersections; artifacts were assessed as not significant; no SIHP assigned
Hazlett et al. 2008a	Archaeological Monitoring Report	Water Main Installation on Aloha Tower Drive, Nimitz Highway, and Richards Street; TMK: [1] 2-1-014 & [1] 2-1-027; Adjacent to Project Area	Documented fill materials associated with the growth and development of Honolulu Harbor; no sites recorded
Hazlett et al. 2008b	Archaeological Monitoring Report	Fort Street Mall and Hotel Street; TMK: [1] 2-1-002, [1] 2-1-003, and [1] 2-1-010-012	Documented building materials including brick, tile, and concrete as well as broken glass bottle fragments at Fort and Hotel Street; assessed as not significant, no SIHP assigned
Petrey et al. 2009	Archaeological Monitoring Report	Nimitz Highway and Ala Moana Boulevard Resurfacing; TMK: [1] 2-1-014 and 027	Documented various marine and terrestrial fill materials associated with the 19 th century development of Honolulu Harbor, no sites recorded
Fechner et al. 2012	Archaeological Inventory Survey	Seawater Air Conditioning in Kaka‘ako and Downtown Honolulu	Fragmented historic materials were encountered, no sites recorded

Author(s)	Type of Study	Location	Findings (SIHP #50-80-14)
Hammatt 2013	Archaeological Inventory Survey	Honolulu High-Capacity Transit Corridor; TMK: [1] 1-2, [1] 1-5, [1] 1-7, [1] 2-1 and [1] 2-3 (Various plats and parcels)	Recorded 19 sites total (only in vicinity listed); SIHP #50-80-14-7428, cultural deposit with historic infrastructural features, habitation features, and burial sites; added an additional 30 feature components of previously recorded SIHP # -2918 and 12 feature components added to SIHP # -2963
O'Hare et al. 2013 (not on Figure 40)	Archaeological Literature Review and Field Inspection	Pier 12 and Pier 15, Honolulu Harbor; TMK: [1] 2-1-001:043, -044, -045, -055, and -056	Recorded Pier 12, first built as early as 1823 A.D. as SIHP # -7575 and Pier 15 built in 1900 A.D. as SIHP # -7576 (not shown on Figure 41)
O'Hare et al. 2016	Literature Review and Field Inspection	Honolulu Water System Improvements; TMK: [1] 1-5, [1] 1-7, [1] 2-1, [1] 2-3, [1] 2-4 and [1] 2-6 (Various plats and parcels)	No sites recorded
DiVito et al. 2020	Archaeological Inventory Survey	Podmore Restaurant, TMK: [1] 2-1-016:004	Recorded a ditch filled with late-19 th century refuse (Feature 1) and a historic bottle deposit (Feature 2) as SIHP #50-80-14-8873

The native huts are small and thatched with grass from top to bottom, but there are others inhabited by some Europeans and chiefs, which are covered over with mud, half a yard thick, to prevent accidents by fire, which so often occur in the others. These are better finished inside, and the floors are spread over with mats from rushes or the leaves of pandanus.

The huts of the poorer classes are mere hovels, having a low door placed where they creep on hands and knees to get out and in, with nothing to cover the opening but a piece of cloth or mat.

In 1828, a little more 100 years ago, Honolulu was still comparatively Hawaiian. Judd (48, p. 2) remarks: "There! I see the town of Honolulu, a mass of brown huts, looking precisely like so many haystacks in the country; not one white cottage, no church spire, not a garden or tree to be seen save the grove of coconuts".

The famous temple of Honolulu was Pakaka, located at the foot of Fort Street. Westervelt (85, p. 8) records the legend of how Kuhooneenuu came to be the god of Pakaka and regarding Pakaka writes:

This temple was standing on the western side of the foot of Fort Street long after the fort was built for which the street was named. It was just below the fort. Pakaka was owned by Kinau. It was...built before the time of Kakuhihewa. In this temple the school of the priests of Oahu had its headquarters for centuries. The walls of the temple were adorned all with the heads of men offered in sacrifice.

Kamakau (49), who gives a more detailed description of what is believed to be Pakaka heiau, says:

Pakaka was an ancient temple, a Waihau pookanaka. It was built by Kamaunui-halakaipo the chief. Kuhooneenuu was the god...

Iholena and popoulu bananas hung in front of the female idols of the paehumu and maoli bananas hung in front of the male idols at the alter (lele) inside the paehumu which was of lama.

At the back of the male images is the anuu, 24 ft. high, 18 ft. wide, covered with white oloa, standing on North side of the house, and also the opu its height and width similar to the anuu, but this was laid with kapa aeokahaloa, resembling Moeloa kapa. The small lama branches at top are like hair standing on end. The opu stands on the south side of the house facing the images and anuu, the space between the altar and the opu is well paved. In the middle of the space is...the house. The house is covered with dry...leaves (and made like Hale o keawe) and is called Hale o Lono, made o lama

wood, here the young chiefs stay. Two other houses called Hale Hui and Hale o Kaili were also enclosed. The former was for the collective gods, and the other was for Kaili. Two lama posts were crossed at the entrance gate, before entering one must divest himself of his clothing.

Hale ai puupuu (Mua house?) was where the chief and others were in which was the fireplace (umu).

There were apparently a number of heiaus in and about Honolulu. In 1819 Corney (25, p. 101) saw

...several morais, or churches in the village, and a new moon the priests, chiefs and hikanees (aikane) enter them with offerings of hogs, plantains, and cocoanuts, which they set before the wooden images. The place is fenced in and has pieces of white flags flying of the fences.

According to Thrum (79, 4) Kaahaimauli is the name of one of these heiaus which is said to have been located near the site of the palace. Mauna heiau was back of Queen's Hospital on the side of Puowaina (Punchbowl). Kamakau (49) says that the menehune lived on Puowaina, "and the pit for excrement was Pauoa" and as quoted by Westervelt (85, pp. 4, 5):

"Formerly there was an 'imu ahi,' a fire oven for burning men on this hill. Chiefs and common people were burned as sacrifices in that noted place. Men were brought for sacrifice from Kauai, Oahu, and Maui, but not from Hawaii. People could be burned in this place for violating the tabus of the tabu divine chiefs."

"The Great stone on the top of Punchbowl Hill was the place for burning men."

Above Puowaina, on what is now Pacific Heights, there were apparently two heiaus: Kahuoi, mentioned only by Thrum (79, 4), who says it was of husbandry class, but destroyed about 1850; and Kaheiki, a famous heiau mentioned in several legends. Kamakau (49) remarks:

There is Kaheiki at Keoihuihu on the ridge between Nuuanu and Pauoa. It is a temple built by the Menehunes for Kahanaiakeakua. But when the government was taken by the dog Kaupe, Kaihilona the guardian of the dog resided at Kaheiki. Kaihilona the priest.

According to Westervelt (85, p. 6), it was "here the priest and prophet lived who founded the priest-clan called 'Mo-o-kahuna,' one of the most sacred clans of ancient Hawaiians."

Aside from heiaus, there were many important sites in Honolulu, only a few of which are now known... Westervelt also notes (85, p. 6) that Kawaiaha‘o is the name of an old spring, at the site of which the noted church of the same name was built. According to Emerson (60, note, p. 283), “In old times the site on which now stands Bishop’s Bank (Kaahumanu Street) was occupied by a house in which kilu and ume [a sexual game for commoners, counterpart to kilu] were wont to be played.” Two ula-maika courses are mentioned by Westervelt (85, pp. 8, 9):

In Hono-kau-pu was one of the noted places for rolling the ... “maika stone.” This was not far from Richards and Queen Streets.

One of the finest Ula-maika places on the islands was the one belonging to Kou. This was a hard, smooth track about twelve feet wide extending from the corner on Merchant and Fort Streets now occupied by the Bank of Hawaii along the seaward side of Merchant Street to the place beyond Nuuanu Avenue known as the old iron works at Ula-ko-heo. It was used by the highest chiefs for rolling stone disc known as the “maika stone.”

According to Kamakau (49), “At the north side of the Kaumakapili Church [on Beretania between Nuuanu and Maunakea] is an altar of the aku fishhook of Kahuoi. This aku fishhook was very famous.”

On the east bank of the Nuuanu stream at Puehuehu, the old name for the stream where it is crossed by the Nuuanu Street bridge, stood a very famous breadfruit tree, regarding which Kamakau (49) writes:

On my going to see the place where the breadfruit stood, whereby Kamehaikana became a goddess, I found it at Nini, a short distance above Waikahalulu. This breadfruit became a deity, known as Kamehaikana, a goddess famous from Hawaii to Kauai, for its power and ability to overthrow governments. It is own of the deities of Oahu, and was taken by the chiefs of Maui at Hana, and became a deity of Kamehameha when he ruled the land.

Pele-ula, where Vineyard Street crosses Nuuanu, is the land where Hi‘iaka and Lohi‘au visited the chiefess Pele-ula, on their return to Hawaii. This is where the game of kilu was played in which the power and wits of Hi‘iaka were matched with those of Lohi‘au. An entire chapter is given to the minute description of this performance by Emerson (32, p. 168). (McAllister 1933:80-83)

3.2.2 Fairfax 1971a

In 1971, archaeological excavations were conducted on the outside edge of the moat curb on the east corner of ‘Iolani Palace (Fairfax 1971a). The excavation encountered a single refuse pit which contained hundreds of historic-era artifacts associated with the palace and grounds.

3.2.3 Fairfax 1971b

In 1971, an archeological excavation was conducted to obtain information on the old carriage road of 'Iolani Palace (Fairfax 1971b). The excavation consisted of a single test pit on the outer surface of the moat wall. The excavation documented a hard packed, crushed gravel and soil carriage roadbed at approximately 30 cm below surface (cmbs).

3.2.4 Rosendahl 1971

In 1971, the Bishop Museum conducted an archaeological investigation of the old carriage road of 'Iolani Palace (Rosendahl 1971). The investigation consisted of archaeological excavations near the modern gate at Hotel Street and also documented evidence of the old carriage road at approximately 30 cmbs.

3.2.5 Fairfax 1972

In 1972, an archaeological investigation was conducted to obtain information on the parterre garden path (Fairfax 1972). The investigation consisted of the excavation of a trench east of the King Street entrance roadway. The excavation documented the parterre garden path, constructed of packed cinder, at approximately 30 cmbs.

3.2.6 Spilker 1974

In 1974, archaeological monitoring was conducted for the 'Iolani Palace moat wall waterproofing project (Spilker 1974). A trash pit containing historic artifacts and a portion of the old carriage road were encountered during monitoring. A formal analysis was conducted for some of the artifacts and documented ceramics produced by Copeland and Garrett as early as the 1830's A.D.

3.2.7 Luscomb and Reeve 1976

In 1976, the Bishop Museum conducted archaeological monitoring for electrical conduit excavations on the grounds of 'Iolani Palace (Luscomb and Reeve 1976). A total of five artifact concentrations and three trash pits were recorded on the mauka (inland) side of the palace. Over 1,200 artifacts were collected and consisted mostly of historic glass, ceramics, and metal but also coral abraders, a common traditional Hawaiian artifact type.

3.2.8 Sinoto 1977

In 1977, the Bishop Museum conducted additional archaeological monitoring associated with an extension of the previous electrical conduit excavations (Luscomb and Reeve 1976) on the 'Iolani Palace grounds (Sinoto 1977). Additional artifacts and a historic trash pit were documented during monitoring.

3.2.9 Ota and Kam 1982

In 1982, Department of Land and Natural Resources archaeologists conducted an osteological analysis of six sets of human remains inadvertently discovered during construction of State Office Building #2 located on the corner of Punchbowl and Halekauwila Streets (Ota and Kam 1982). The sets of remains were impacted by construction activities and were fragile and incomplete and

only a limited analysis was conducted. The analysis identified tooth evulsion in some of the remains and they were interpreted as dating to between the pre-contact era and 1850 A.D. Following the analysis, the sets of remains were assigned SIHP #50-80-14-2963.

3.2.10 Yent 1985

In 1985, the Department of Land and Natural Resources documented six sets of human skeletal remains inadvertently discovered on the Honolulu Iron Works construction site located at the corner of Punchbowl and Pohukaina Streets (Yent 1985). The burials and their associated burial pits were interred in Jaucas sand at approximately 80 cm below the existing surface of the property. The burials and a sandy loam pre- and post-contact A-horizon were documented as SIHP #50-80-14-2918. Later, it was determined that the burials were associated with the Ka'ākaukukui Cemetery utilized from the 1700's to the early 1800's A.D. (McElroy et al. 2008).

3.2.11 Clark 1987

In 1987, the Bishop Museum monitored construction of a parking garage on the southeast corner of Punchbowl and Halekauwila Street, at the same property where Ota and Kam (1982) documented six sets of human remains discovered during the construction of State Office Building #2 (Clark 1987). A total of 27 pre- and post-contact features were documented as well as seven human burials and several animal burials. Four of the human burials had well defined burial pits and included two flexed burials, a bundle burial, and a burial where position could not be determined. Unidentified wood charcoal found in association with one of the burials (Feature 28) returned a radiocarbon date range of 1270-1410 A.D. Post-mortem breakage and removal of the long bones was also documented in association with the dated burial. Based on the skeletal remains and grave goods present, the individuals were interpreted to be of Hawaiian ancestry and likely maka'ainana (commoners). Pre and post contact artifacts collected consisted of glass bottles, glass and ceramic fragments, rusty metal objects, an adze, a hammerstone, the top to a poi pounder, and a coral abrader. Following monitoring, the remains and deposits were documented as a portion of previously recorded SIHP # -2963.

3.2.12 Simons et al. 1991

In 1991, the Applied Research Group of the Bishop Museum produced a report including historical research, archaeological monitoring, and artifact analysis associated with modifications and rehabilitation of the Armed Forces YMCA Building (Simons et al. 1991). Background research indicated the project area was the site of native huts and domestic dwellings, a bath house, hotel cottages, and the first hotel in Honolulu, the Hawaiian Hotel constructed in 1872. The majority of the artifacts came from a trash pit on Beretania Street side of the property and historic artifacts associated with the hotel were encountered on the Richards Street side of the property. All of the features and artifacts documented during the project dated from between the early 19th and early 20th century and were attributed to use of the Hawaiian Hotel and house lots in the area up until the 1920's. The features documented during the project were recorded as SIHP #50-80-14-1307. Following the project, archaeological monitoring was recommended for any future construction within the parcel and greater Capitol District.

3.2.13 Hurst and Allen 1992

In 1991, the Applied Research Group of the Bishop Museum conducted an archaeological inventory survey and monitoring for the Towers at Harbor Court condominium, the site of the former Ka‘ahumanu Parking Garage (Hurst and Allen 1992). A single historic property, SIHP #50-80-14-2456, was documented and consisted of a subsurface cultural layer containing pre- and post-contact features, primarily comprised of the remains of building foundations associated with development of the area in the 19th century. The artifacts collected included basalt and volcanic glass flakes, modified marine shell, and 19th century glass bottles and ceramic fragments. A total of 6 human burials were encountered during the project but no description of the burials or osteological analysis was included. Osteological analysis of the remains was conducted later during additional work on the property (Lebo 2002).

3.2.14 Denham and Kennedy 1993

In 1993, Archaeological Consultants of Hawaii, Inc. (ACH) conducted archaeological monitoring for telecommunication conduits in the area of the State Capitol Complex (Denham and Kennedy 1993). Two historic properties, SIHP #50-80-14-4605 and SIHP #50-80-14-4606, were documented during monitoring. SIHP # -4605 was a multi-component site which consisted of a single human burial, a historic trash pit, a ditch, a pit, a firepit, and 6 postholes. Unidentified wood charcoal from the firepit returned a radiocarbon date range of 1390-1700 A.D. Additionally, unidentified wood charcoal from one of the post holes returned an age range of 860-1330 A.D. and was interpreted as representing occupation in the 12th century. The human remains were heavily impacted during excavation and the in-situ portion of the burial was disinterred.

SIHP # -4606 consisted of 9 historic trash pits documented in various locations in the conduit excavations. They contained historic glass, ceramics, marine shell midden, and butchered animal bone and were interpreted as dating from between the mid-19th century to the early 20th century. Following monitoring and the subsequent analysis, the sites were assessed as no longer significant.

3.2.15 Dunn and Rosendahl 1993

In 1993, PHRI conducted an archaeological inventory survey for the Nu‘uanu Court project located along Nimitz Highway between Bethel Street and Nu‘uanu Avenue (Dunn and Rosendahl 1993). The survey included the excavation of 6 backhoe trenches which documented a pre- and post-contact cultural deposit covered by historic fill materials. A total of 19 features, recorded as a portion of previously documented SIHP # -2456, were documented and consisted of 11 pre-contact and early-historic postholes, a pre-contact pit, an historic ash lens, a foundation wall, a pipe trench, and two historic floors. The site was interpreted as being occupied as early as 1250 A.D. based on radiocarbon dates obtained from unidentified wood charcoal collected from the site.

3.2.16 Pfeffer et al. 1993

Between 1986 and 1988, Cultural Surveys Hawai‘i Inc (CSH) conducted archaeological monitoring, data recovery excavations, and burial disinterment associated with the Kaka‘ako Improvement District 1 (Pfeffer et al. 1993). Stratigraphy observed during the project consisted of construction fills over natural black cinder and/or Jaucas sand deposits. Numerous pre and post contact artifacts, building foundations, trash pits, midden concentrations, and human burials were recorded in the Jaucas sand encountered during the project. A total of 149 human burials were

recorded and disinterred during the project and include a single historic burial encountered under Punchbowl Street (SIHP #50-80-14-4532), a possible pre-contact burial from under Halekauwila Street (no SIHP), 31 burials from the Honuakaha Smallpox Cemetery (SIHP #'s 50-80-14-3712 and 50-80-14-4531), and 116 historic burials associated with Kawaiaha'o Cemetery (SIHP #50-80-14-4534).

3.2.17 Lebo 1997

In 1991 the Bishop Museum conducted data recovery excavations at SIHP #50-80-14-2456, a multi-component site containing pre- and post-contact features and deposits and human burials previously documented during an archaeological inventory survey and monitoring (Hurst and Allen 1992) for the Towers at Harbor Court condominiums (Lebo 1997). The study consisted of 8 backhoe assisted shovel test probes and the excavation of several block excavation units and a couple 2x2 meter test units. The investigation is one of the largest and most comprehensive studies of 19th century post-contact land use and occupation of early downtown Honolulu and hundreds of historic artifacts were collected and analyzed from the site. Collected artifacts included lithic materials, modified bone and marine shell, marine shell midden, glass bottles, glass and ceramic vessel fragments, building materials, metal, cut nails, window glass, and butchered animal bone all of which were attributed to the historic era. A total of 53 features were documented during data recovery excavations, 18 of which had been previously documented. The documented features were associated with urban development of the area in the 1800's with the foundations of structures cut into earlier historic and pre-contact deposits and features. The pre-contact deposits on the site were not investigated during the data recovery excavations and were conducted later by PHRI (Lebo 2002).

3.2.18 Winieski and Hammatt 2001

In 2001, CSH conducted archaeological monitoring for the Nimitz Highway reconstructed sewer project which extended from River and Hotel Streets and ran east along Nimitz Highway to the Ala Moana wastewater pump station (Winieski and Hammatt 2001). Micro-tunneling was employed during the project and 24 jacking and receiving pits measuring approximately 8 x 8 meters were monitored. A single site, SIHP #50-80-14-5942, was documented at the intersection of Nimitz Highway and Queen Street during monitoring and consisted of the remnants of a light gauge rail track associated with the early Honolulu trolley system. A small amount of historic artifacts and rubbish were also encountered during the project, none of which was assessed as significant.

3.2.19 Dye 2002

In 2001, T.S. Dye and Colleagues Archaeologists, Inc. (T.S. Dye) conducted archaeological monitoring associated with the construction of an elevator and installation of various underground facilities at the No. 1 Capitol District Building, now known as the Hawai'i State Art Museum (Dye 2002). A concentration of historic artifacts was encountered in the elevator excavation and consisted mostly of building materials. A glass bottle and several glass sherds, ceramic dishware sherds, clay pipe fragments, and butchered animal bones were also collected. The secondarily deposited artifacts were interpreted as associated with either the construction, renovation, or demolition of the Hawaiian Hotel. Due to the mixing of artifacts of differing ages and their secondary deposition, no SIHP number was assigned to the deposit.

3.2.20 Lebo 2002

Between 1991 and 1992, PHRI conducted additional data recovery excavations at previously documented SIHP # -2456 located at the site of the Tower at Harbor Court condominiums, formerly the Ka‘ahumanu parking garage (Lebo 2002). Data recovery excavations consisted of four large block excavations focused on the pre-1850 deposits of the site. Hundreds of features were documented and included pits and post molds associated with traditional Hawaiian structures and firepits and historic features dating to the transitional early historic period and the 19th century. Blocks A and B contained the majority of the traditional Hawaiian features documented. They were mostly interpreted as associated with the village of Pūlaholaho and dated from the late pre-contact period (1650-1790 A.D.) to the early historic period (1790-1850 A.D.). The features in Blocks C and D were primarily from the early historic period and represent most of the historic features documented. Artifacts collected included traditional Hawaiian basalt tools and flakes, modified bone and marine shell, marine shell midden, glass bottles, glass and ceramic vessel fragments, building materials, metal, cut nails, window glass, faunal remains, and butchered animal bone. Based on radiocarbon dating, stratigraphic position, and contents, all of the features documented are interpreted to date between the late pre-contact period and the early to late historic period.

Additionally, osteological analysis was conducted for remains recovered from the project area during the initial AIS and monitoring (Hurst and Allen 1992). All six sets of remains were determined to be of Hawaiian ancestry and consisted of four adult females with ages ranging from 18 to 35 years old, an adult male between 25 to 35 years old, and a subadult between 8-12 years old. It was also noted that the jaw of one of the females had evidence of tooth evulsion and the skull and long bones of the subadult were missing and had likely been removed from the burial.

3.2.21 Mann and Hammatt 2002

Between 2001 and 2002, CSH conducted archaeological monitoring for the King Street Rehabilitation Project on King Street between Alapai Street and Dillingham Boulevard (Mann and Hammatt 2002). The project documented a historic trash pit containing butchered animal bones at the corner of North King and Richards Street (no SIHP assigned) and the skeletal remains of a single human burial recorded as SIHP #50-80-14-6371 and located in front of Honolulu Hale. The skeletal remains were poorly preserved and fragmentary and had been disturbed by prior utility excavations in the area.

3.2.22 Putzi and Dye 2004

In 2003, T.S. Dye conducted archaeological monitoring for the removal of several architectural barriers on the southeast side of Ali‘iōlani Hale, the removal and transplanting of several trees, and grading for a sidewalk (Putzi and Dye 2004). A single feature containing historic artifacts (no SIHP assigned) was documented during the project. Based on the monitoring results, archaeological monitoring was recommended for future construction projects in the area of Queen Street, Punchbowl Street near the Kapuāiwa Building, the parking lot on the mauka side of the Kapuāiwa Building, and the area between Ali‘iōlani Hale and the statue of Kamehameha I.

3.2.23 Hazlett and Hammatt 2008

In 2006, CSH monitored American Disabilities Act improvements at the intersection of Alakea and Queen Street and at the intersection of Alakea and Merchant Street, which is adjacent to the current project area (Hazlett and Hammatt 2008). Historic trash, building materials, and animal bones were encountered in the excavations at both intersections. However, the artifacts were encountered within fill and/or previously disturbed soils and were assessed as not significant and no SIHP numbers were assigned. No intact cultural deposits, features, or human burials were documented during the project.

3.2.24 Hazlett et al. 2008a

Between 2006 and 2007, CSH conducted archaeological monitoring for water main installation along Aloha Tower Drive, adjacent to the current project area (Hazlett et al. 2008a). The project documented stratigraphy consisting entirely of fill materials associated with road and utility construction, historic land reclamation activities, and the expansion of Honolulu Harbor. No historic properties were documented during monitoring.

3.2.25 Hazlett et al. 2008b

In 2006, CSH conducted archaeological monitoring for the Fort Street Mall and Hotel Street sewer rehabilitation/replacement project (Hazlett et al. 2008b). The majority of the excavations monitored did not extend below the existing base course, fill materials, and/or previously disturbed soils associated with the installation of utilities in the area. Historic building materials including brick, tile, concrete, and broken glass bottle fragments were encountered in the excavations at Fort and Hotel Street but were assessed as not significant due to being highly fragmented and secondarily deposited.

3.2.26 Petrey et al. 2009

In 2007, CSH conducted archaeological monitoring for road improvements along Nimitz Highway and Ala Moana Boulevard (Petrey et al. 2009). The project documented various marine and terrestrial fill materials believed to have been deposited in the latter half of the 19th century during the development of Honolulu Harbor. No historic properties were documented during the project.

3.2.27 Fechner et al. 2012

In 2012, Pacific Legacy conducted an AIS for the Honolulu Seawater Air Conditioning Project (Fechner et al. 2012). The project extended through portions of Bishop St., Richards St., Punchbowl St., South King St., Queen St., and Pohukaina St. The AIS consisted of archaeological monitoring of keyholing activities. Thirty-four (34) keyholes were excavated, with 24 successfully completed. Two of the keyholes were excavated in order to test for subsurface archaeological deposits. Fragments of historic materials (glass and ceramics) were encountered, no features or historic properties were designated during the project.

3.2.28 Hammatt 2013

In 2013, CSH conducted an AIS for the city center section of the Honolulu High-Capacity Transit Corridor Project which extends from Middle Street east to Ala Moana Center (Hammatt 2013). In the vicinity of the project area, SIHP #50-80-14-7428 was recorded as cultural deposits with historic infrastructural features, habitation features, and burial sites. The project also identified additional feature components of previously recorded sites SIHP #50-80-14-2918 and SIHP #50-80-14-2963. SIHP #-2918 was previously recorded by Yent (1985) and consisted of 6 human burials and a culturally enriched buried A-horizon. A total of 30 additional feature components were identified and included a single human burial, a dog burial, 4 post molds, a pit with historic trolley and structural remnants, and 23 indeterminate pits. Following the identification of additional features, the boundary of the site was expanded accordingly. SIHP # -2963 was previously recorded by Ota and Kam (1982) and Clark (1987) and consists of a buried A-horizon containing 27 pre- and post-contact features, pond sediments, and 13 human burials. A total of 12 additional feature components were identified and incorporated into SIHP # -2963 during the project.

3.2.29 O’Hare et al. 2013

In 2013, CSH conducted an archaeological literature review and field inspection for improvements to Pier 12 and Pier 15 of Honolulu Harbor (O’Hare et al. 2013) (outside the radius of Figure 40 and Figure 41). Background research indicated that the landing for Pier 12 was built as early as 1823 and had been modified several times since. Coral blocks and bricks, possibly from the demolition of the Honolulu Fort in 1857, were observed on the makai side of the pier and were used to build a seawall around the newly filled and constructed harbor. Due to its historic significance, Pier 12 was recorded as SIHP #50-80-14-7575 during the project. Background research on Pier 15 indicated it was built in 1900 on fill land and was modified in the 1950’s when Queen Street was widened to create Nimitz Highway. Pier 15 was recorded as SIHP #50-80-14-7576. Other than the coral blocks and bricks at Pier 12 nothing of archaeological note was encountered during the field inspection. Following the inspection, archaeological monitoring guided by an archaeological monitoring plan was recommended for construction activities associated with the project.

3.2.30 O’Hare 2016

In 2016, CSH conducted an archaeological literature review and field inspection for the Board of Water Supply Honolulu Water System Improvements project which included the installation of a 24-inch replacement water main from the intersection of River Street and North King Street to the intersection of Kalākaua Avenue and Ala Moana Boulevard, a distance of approximately 20,000 feet (O’Hare et al. 2016). Due to the project being located under city streets, no archaeological sites were documented during the field inspection. However, due to the likelihood of encountering subsurface deposits and/or human burials a project-specific archaeological survey guided by an archaeological monitoring plan was recommended for the project.

3.2.31 DiVito et al. 2020

In 2020, Honua consulting conducted an AIS for the Podmore Restaurant at 202 Merchant Street (DiVito et al. 2020). The Joseph W. Podmore Building is on the State and National Registers

of Historic Places (SIHP #50-80-14-1357, NR #83000251). The AIS consisted of pre-excavation of a grease trap interceptor measuring approximately 3.5 m x 2.25 m and 1.75 m in depth as well as sub-surface utility lines. A ditch filled with late-19th century refuse (Feature 1) and a historic bottle deposit (Feature 2) were recorded as SIHP #50-80-14-8873. A historic fill layer containing complete and fragmented 19th century household items was also recorded but no site number was obtained.

3.3 Nearby Historic Properties

A total of 18 historic properties are reported within a 0.3 mile radius of the project parcel. They include three historic districts, with the rest of the sites being split between historic structures, pre- and post-contact subsurface historic properties, and human burials. A list of nearby historic properties within a 0.3 mile radius of the project area is presented as Table 4.

The project area is located just outside the Hawaii Capital Historic District, SIHP #50-80-14-1321 (NRHP #78001020), which consists of 20 buildings, structures, and monuments with historical and/or architectural significance, some of which have been assigned SIHP numbers. The district includes the State Capital and grounds, 'Iolani Palace and grounds (SIHP #50-80-14-9912, NRHP #66000293), Ali'iōlani Hale (SIHP #50-80-14-9908, NRHP #72000414), Kawaiaha'o Church and grounds (SIHP #50-80-14-9991), 'Iolani Barracks, 'Iolani Palace Bandstand (SIHP # -9912), the YMCA and YWCA buildings, the Hawaiian Electric Company building, the Federal Building (SIHP #50-80-14-9952), the State (Territorial) Office Building, the Hawaii State Library, Honolulu Hale and grounds and the Honolulu Hale Annex, Washington Place and grounds (SIHP # -9907), Saint Andrew's Cathedral (SIHP #50-80-14-9915), the State Tax office, the Kapuāiwa Building (SIHP #50-80-14-9970), the Mission Houses (SIHP #50-80-14-9991), and the Kamehameha Statue.

The Merchant Street Historic District, SIHP #50-80-14-9905 (NRHP #73000661) is located to the north and includes four square blocks. The district includes the Bishop Estate building, the Bishop Bank Building, Honolulu City Hall (Original Site), the Kamehameha V post office (SIHP #50-80-14-9903, NRHP #72000416), the Honolulu District Court (old Honolulu Police Station), the Yokohama Specie Bank, the Friend Building, the McCandless Building, the Waterhouse Building, Old Royal Saloon, the T.R. Foster Building, and the oldest standing building in Honolulu, the Melchers Building constructed of coral block in 1854.

The Chinatown Historic District, SIHP #50-80-14-9986 (NRHP #73000658), is a large district comprised of many buildings comprised of various building materials and made using various techniques, but mostly dating to the late 19th and early 20th centuries. The district includes the properties between channelized Nu'uānu Stream and Nu'uānu Avenue and between the ocean and Beretania Street and comprises approximately 6 square blocks. Numerous subsurface sites have been documented throughout the district.

Historic buildings located in the vicinity but not within historic districts are not shown individually on Figure 41. Significant historic buildings, sites, and structures in the vicinity include Aloha Tower (SIHP #50-80-14-7380, NRHP #76000660) located at Pier 9 of Honolulu Harbor, the Irwin Memorial Park (SIHP #50-80-14-9829) located at Pier 8, and the ship *Falls of Clyde* (SIHP # 50-80-14-9700, NRHP #73000659) historically docked at Pier 7. Other important historic properties include Pier 12 of Honolulu Harbor (SIHP 50-80-14-7575) and the Dillingham

Transportation Building (SIHP #50-80-14-9900, NRHP #79000756) located at 735 Bishop Street, amongst others.

Documented subsurface historic properties in the vicinity include historic refuse pits (SIHP #50-80-14-1307) documented at the YMCA Building (now the Hawaii State Museum of Art), a ditch, refuse pit, fire pits, postholes, and a burial (SIHP #50-80-14-4605) documented in the Capital Complex, various refuse pits (SIHP #50-80-14-4606) documented throughout the Capital Complex, historic refuse deposits (SIHP #50-80-14-8873) along Merchant Street, a pre- and post-contact subsurface deposit with historic building foundations and human burials (SIHP #50-80-14-2456) located at what is now the Tower at Harbor Court Condominiums, a burial (SIHP #50-80-14-4532) documented along Punchbowl Street, a burial (SIHP #50-80-14-6371) along King Street, a pre- and post-contact subsurface cultural deposit with human burials (SIHP #50-80-14-2918) located at the location of the Honolulu Ironworks, a cultural deposit with historic infrastructural features, habitation features, and burial sites (SIHP #50-80-14-7428) located along Halekauwila Street, a subsurface cultural deposit, pond sediments, human burials, and animal burials (SIHP #50-80-14-2963) located at the corner of Punchbowl and Halekauwila Streets, the Kawaiaha‘o Cemetery (SIHP #50-80-14-4534) the Honuakaha Smallpox Cemetery (SIHP # -3712 and -4531), and a historic light gauge rail track (SIHP #50-80-14-5942) associated with the historic Honolulu Trolley system located at the intersection of Nimitz Highway and Queen Streets.

Table 4. Historic properties located within 0.3 miles of the project area

Reference	SIHP #50-80-14	Site Type	Eligibility Status	Recommendations	Notes
Simons et al. 1991	-1307	Historic refuse pits	Not Stated	Complete analysis of artifacts, monitoring for future ground disturbance	
Lanzone and Cummins 1976	-1321	Hawaii Capital Historic District	NRHP # 78001020	Preservation	
Riconda 1972a	-1321	Ali‘iōlani Hale	NRHP # 72000414	Preservation	
Levy 1985	-1321	‘Iolani Palace	NRHP # 66000293	Preservation	National Historic Landmark
Breton 1983	-1357	Joseph W. Podmore Building	NRHP # 83000251		

Reference	SIHP #50-80-14	Site Type	Eligibility Status	Recommendations	Notes
Hurst et al 1992 / Dunn and Rosendahl 1993 / Lebo 1997 / Lebo 2002	-2456	Subsurface cultural deposit with historic building foundations and human burials (6)	Not Stated		
Yent 1985 / Hammatt 2013	-2918	Subsurface cultural deposit with human burials (13)	Criteria D (d) and E (e)	Data recovery, monitoring, and burial treatment	
Ota and Kam 1982 / Clark 1987 / Hammatt 2013	-2963	Subsurface cultural deposit, pond sediments, human burials, animal burials	Criteria D (d) and E (e)	Data recovery and monitoring	
Pfeffer et al. 1993	-3712	Honuakaha Smallpox Cemetery	Criteria D (d) and E (e)		
Pfeffer et al. 1993	-4531	Honuakaha Smallpox Cemetery	Criteria D (d) and E (e)		
Pfeffer et al. 1993	-4532	Human Burial	Criteria D (d) and E (e)		
Pfeffer et al. 1993	-4534	Kawaiiaha'o Cemetery	Criteria D (d) and E (e)		
Denham and Kennedy 1993	-4605	A ditch, refuse pit, fire pits, postholes, and a burial	Criteria D (d) and E (e)	No longer significant	Throughout Capitol District
Denham and Kennedy 1993	-4606	Historic refuse pits	Criterion D (d)	No longer significant	Throughout Capitol District
Winieski and Hammatt 2001	-5942	Historic light gauge rail associated with Honolulu Trolley system	Unknown		
Mann and Hammatt 2002	-6371	Human Burial			

Reference	SIHP #50-80-14	Site Type	Eligibility Status	Recommendations	Notes
Cummins 1975	-7380	Aloha Tower	NRHP # 76000660	Preservation	
Hammatt 2013	-7428	Cultural deposit with historic infrastructural features, habitation features, and burial sites	Criteria D (d)	Data Recovery and Monitoring	
O'Hare et al. 2013	-7575	Pier 12	Not Stated		
DiVito et al. 2020	-8873	A ditch and refuse pit	Criterion d		
Cummins 1973	-9700	<i>Falls of Clyde</i> (Ship)	NRHP # 73000659	Preservation	
Matson 1999	-9829	Irwin Memorial Park			
Fox and Riconda 1972	-9900	Dillingham Transportation Building	NRHP # 79000756	Preservation	
Fox 1973	-9905	Merchant Street Historic District	NRHP # 73000661	Preservation	
Riconda 1971	-9918	'Iolani Barracks (Halekoa)		Preservation	Part of SIHP # - 1321
Biallas and Hite 1973	-9952	United States Post Office, Custom House, and Court House	NRHP # 75000620	Preservation	Part of SIHP # - 1321
Riconda and Fox 1972	-9970	Kapuāiwa Building	NRHP # 73000660	Preservation	Part of SIHP # - 1321
Riconda 1972b	-9986	Chinatown Historical District	NRHP # 73000658	Preservation	

3.4 Summary of Previous Archaeology

Archaeological investigations in downtown Honolulu were first conducted by the Bishop Museum in late 1960's and 1970's and include numerous excavation and monitoring projects associated with improvements to 'Iolani Palace. The projects documented historic artifacts and features associated with the monarchy and the dwellings that were once in that area. Archaeological investigations and monitoring for construction and infrastructure improvement projects in downtown Honolulu began in the mid 1980's with inadvertent discoveries of human remains at two properties along the east side of Punchbowl Street in the border area of the Kaka'ako district. Archaeological monitoring projects conducted in the 1990's documented a few burials in the vicinity of the project area and include six burials associated with the construction of The Towers at Harbor Court Condominiums, a single heavily impacted burial documented during conduit excavations at the Capital Complex, and a historic burial found under Punchbowl Street. Later studies documented pre- and post-contact deposits, building foundations, a segment of the Honolulu trolley system, and historic fill materials in the area.

The sites documented in the surrounding area are comprised of three historic districts, numerous historic buildings, and several pre- and post- contact subsurface deposits and features, and a few human burials. More than half of the sites documented downtown are historic buildings dating from as early as 1854 but mostly from the late 19th and early 20th century, most of which are associated with historic districts. The three districts include the Chinatown Historic District, the Merchant Street Historic District, and the Hawaii State Capital Historic District. The districts are not based on subsurface deposits, but rather on the integrity and significance of the historic buildings that comprise them. The majority of the archaeological excavations conducted have been in these districts, as they are the oldest and most culturally rich areas of downtown.

The pre-contact subsurface deposits documented in the area include firepits, postholes, and pits possibly associated with early villages of the Honolulu area. Radiocarbon dates from these deposits have been interpreted to date to initial Hawaiian occupation of the downtown area in the 12th century A.D., with increasing activity and occupation in the latter portion of the pre-contact period. Documented historic subsurface deposits include foundations, postholes, refuse pits, and fill layers associated with the growth and development of the city of Honolulu from the 1830's onward.

It is possible that ground disturbance within the proposed project may encounter historic materials associated with earlier pier construction, harbor use, discarded historic artifacts, and historic and traditional materials imported within the fill used to construct the area. It is also possible that coral blocks and rubble associated with the former fort, used to line and fill portions of the harbor, could be encountered.

Field Results

Fieldwork for this project was conducted on January 25, 2024 by Dodge Watson, B.A under the supervision of Rosanna Thurman, M.A. (principal investigator). Fieldwork required approximately 3.5 person-hours to complete. Fieldwork for this project was performed under the archaeological permit number 24-26 issued to Honua Consulting by the SHPD/DLNR in accordance with HAR Chapter 13-282.

4.1 Methodology

The archaeological field inspection consisted of a 100% pedestrian survey of accessible portions of the project area. The interior of buildings were not accessible. The exterior of the Honolulu Power Plant property and perimeter of Pier 7 were surveyed and photos were taken. No artifacts or samples of any kind were collected during the project.

Historic architectural structures exist within the project area. However, it is beyond the scope of this study to document or assess them as they are architectural rather than archaeological. It is recommended to consult with the architecture branch of the SHPD regarding how to appropriately rehabilitate or restore the structures for the project's purpose of adaptive reuse.

4.2 Results of Field Inspection

The project area is described in two portions, consisting of the Honolulu Power Plant (TMK: 2-1-014:006) and Pier 7 of Honolulu Harbor (TMK: 2-1-001:057 and 058). The two portions of the project area are separated by Aloha Tower Dr. which runs roughly north/south, with the Honolulu Power Plant along the east side and Pier 7 adjacent to the west side. No significant archaeological resources were observed during the survey. However, historic architectural structures do exist within the project area and consultation with the architecture branch of the SHPD is recommended.

The project area includes the Honolulu Power Plant which was built in the 1920s, added onto in 1954, and decommissioned in 2014 (*Hawai'i Free Press* 2014). Pier 7 of Honolulu Harbor was built around 1906-1907 and the former Hawai'i Maritime Center (1988-2009) is built upon it. The ship, *Falls of Clyde*, is currently docked alongside Pier 7. The ship was built in 1878 and was once listed on the State and National Registers of Historic Places, as well as a National Historic Landmark. The *Falls of Clyde* was delisted from the Hawai'i Register of Historic Places in 2023 and the National Register in 2024 due to its deteriorated condition (HHF 2024). The ship is planned to be removed from Pier 7 prior to onset of proposed project activities.

4.2.1 Honolulu Power Plant (TMK: 2-1-014:006)

The Honolulu Power Plant includes a large building at the corner of Aloha Tower Dr. and Bishop St. in downtown Honolulu (Figure 42 and Figure 43). Along the west portion of the property is a brick and metal perimeter wall that secludes power plant infrastructure, including two large silo towers (Figure 44 and Figure 45). It is beyond the scope of this study to document or assess the historic architectural structures on the Honolulu Power Plant property.



Figure 42. Photo of the Honolulu Power Plant at the corner of Aloha Tower Dr. (foreground) and Bishop St. (to the left), view to east



Figure 43. Photo of the south side of the project area showing the Honolulu Power Plant (on right), Aloha Tower Dr. (center), and Pier 7 (on left), view to north



Figure 44. Photo from Bishop St. showing the northwest portion of the project area, view south



Figure 45. Photo showing the west side of the project area, notice the rear of the Honolulu Power Plant (back left) and a silo tower (right) within a perimeter wall, view to west

4.2.2 Pier 7 of Honolulu Harbor (TMK: 2-1-001:057 and 058)

The ground survey of Pier 7 observed the dock to be made of concrete, with various surfaces including landscaped grasses, concrete walkways, asphalt, and tile. The former Hawai'i Maritime Center is located in the center of the pier (Figure 46 through Figure 48). The building is approximately 2 stories in height, with a second-story overhang supported by small pillars extending the entire south side of the building and in parts along the north side of the building (Figure 49). Concrete docking blocks and large metal cleats were observed along the dock surface perimeter for tying up ships and water vessels (Figure 50). The *Falls of Clyde* ship was tied to the north side of the pier (Figure 51 and Figure 52).

The east portion of Pier 7 contains a level area with concrete pathway and asphalt access road extending from Aloha Tower Dr., where a former guard shack is positioned (Figure 53). A large metal anchor on concrete supports was observed on the northwest edge of the pier, likely associated with the former Maritime Center (Figure 54).



Figure 46. Photo looking towards Pier 7, notice the former Maritime Center upon the dock (also notice the concrete footing in the water slip likely associated with the formerly existing elevated ramp [1964-1980s]), view northwest



Figure 47. Photo on Pier 7 showing the former Maritime Center (east side), view southwest



Figure 48. Photos on Pier 7 showing the former Maritime Center (west side), view northeast (left) and north (right)



Figure 49. Photo on Pier 7 under the overhang of the former Maritime Center



Figure 50. Photo off the west end of Pier 7, notice the concrete docking block and metal cleat, view west



Figure 51. Photo on Pier 7 showing a large cleat (foreground) where the *Falls of Clyde* (center) is tied, view north (notice Aloha Tower Marketplace in the left background)



Figure 52. Photo on Pier 7 showing the *Falls of Clyde* tied alongside the north side of the pier, view west



Figure 53. Photo showing the east side of Pier 7 looking towards Aloha Tower Dr. and the Honolulu Power Plant, view east



Figure 54. Photo of a large anchor resting at the northeast corner of Pier 7, view north

Summary and Recommendation

This ALRFI report was prepared by Honua Consulting, LLC at the request of Wilson Okamoto Corporation for the Tradewinds Garden and Glass Museum located in Honolulu Ahupua‘a, Kona (Honolulu) District, Island of O‘ahu, TMK: [1] 2-1-014:006, [1] 2-1-001:057 and 058. The project area consists of two discontinuous areas, consisting of Pier 7 of Honolulu Harbor and Units 5 and 7 of the Honolulu Power Plant. The Honolulu Power Plant (TMK: 2-1-014:006) is owned by HECO and includes approximately 3.4 acres. Pier 7 (TMK: 2-1-001:057 and 058) contains the former Maritime Center Museum, owned by the State of Hawai‘i, and encompasses approximately 9.6 acres. The ATDC is the lessee of Pier 7 and oversees the redevelopment of State-owned properties along the Downtown Honolulu waterfront.

The proposed project is planned to consist of renovation and adaptive reuse of existing Honolulu Power Plant and Maritime Center buildings. The Honolulu Power Plant is proposed to be preserved with interior spaces reworked to include glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. Renovation of the Maritime Center structure is proposed to include five gardens designed to emulate native Hawaiian vegetation, a bookstore/lobby, deck areas, a bar, and a restaurant.

Background research indicates the project area was traditionally located within the coastal mud flat or low reef of Waikahalulu, which was in-filled in the 1850s-1890s to form a land area named the “Esplande”. Historically, the project area was part of Land Commission Award (LCA) 44520 for Waikahalulu ‘Ili claimed by Hazaleleponi Kalama (Queen Kalama) in 1848 and refuted by the government. Following litigation, the government paid Queen Kalama \$22,000 for the land. LCA 11219 was then awarded to the government for 46 acres within Waikahalulu, including the project area. The reef of Waikahalulu was filled using dredged material from Honolulu Harbor and rubble from dismantling of the Honolulu fort. Makai (seaward) areas adjacent the project area were dug out to create Pier 7 from 1906-1907. A large warehouse was constructed upon the pier in 1906, it was removed in the 1960s to provide accessway for an elevated ramp. The ramp was removed in the 1980s and a new building was built on the pier in 1988 for use as the Hawai‘i Maritime Center which closed in 2009. It is not clear whether all or portions of the pier itself have been reconstructed since it was built in 1906. The east portion of the project area was used for multiple business ventures from the late-1800s through early-1900s, including office space, storage for rope, buoys, coal, boats, ice, and power. The Hawaiian Electric Building was constructed in the east portion of the project area in the 1920s.

One previous archaeological study was conducted in the project area which focused on the waterfront of Honolulu Harbor from Pier 5 to Pier 14 (Wong-Smith and Rosendahl 1990). The study found their entire study area had traditionally been underwater and that a small portion of shoreline that was once present was removed during channel dredging for the harbor. The area was then filled during land reclamation activities and development of Honolulu Harbor. It was reported that coral blocks from the Honolulu fort were known to have been used as bulkheads for Piers 8-12. The field inspection identified Piers 8 through 12 and Aloha Tower as the only significant surface features present, as other piers in their study area had been dramatically reconstructed.

The purpose of this archaeological literature review and field inspection is to determine the land-use history, potential sub-surface deposits which may exist within the property, and identify any potential artifacts or cultural deposits present on the ground surface observable during surface

survey of the property. This study is not an archaeological inventory survey (AIS), however, this report was written using standards outlined within Hawai'i Administrative Rules (HAR) 13-276 for AIS studies and is intended to assist with historic preservation efforts related to the proposed project.

The archaeological field inspection conducted for the current project included a pedestrian survey of the property. Nothing of archaeological interest was observed or collected during the inspection. Although the project area is built on dredged material, it was extensively used for historic commercial activities. If the proposed project requires ground disturbance then an archaeological monitoring program may be necessary, to be conducted in coordination with the archaeology branch of the SHPD. Furthermore, historic architectural structures exist within the project area and it is recommended to consult with the architecture branch of the SHPD regarding how to appropriately rehabilitate or restore the structures for the project's purpose of adaptive reuse.

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APPENDIX C

Mason Architects
Reconnaissance Level Survey for
Tradewinds Garden and Glass Project Area

DRAFT Reconnaissance Level Survey for Tradewinds Gardens and Glass Project Area

Pier 7, Former Maritime Center, and Hawaiian Electric Company (HECO) Honolulu
Power Plant Units 5 and 7, Aloha Tower Drive, Honolulu, Hawai'i, 96813

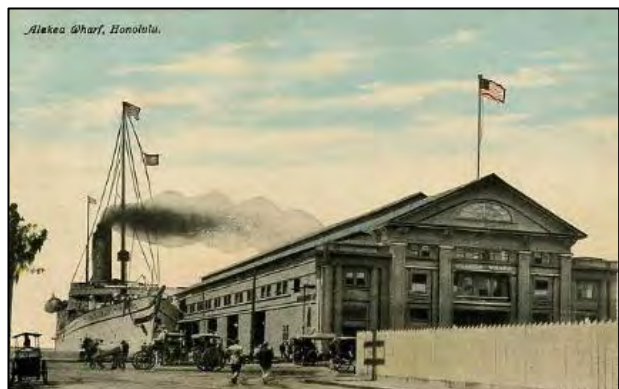
TMKs (1) 2-1-001:057 (por.), 058, and (1) 2-1-014:006 (por.)

Prepared by MASON under contract to
Wilson Okamoto Corporation

Environmental Assessment Support and Future HRS §6E-42 and §6E-8
submission to
Hawai'i State Historic Preservation Division

HICRIS Project No. [TBD]

February 2024



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Introduction

Mason Architects, Inc. (MASON) was hired by Wilson Okamoto Corporation (WOC) to provide Hawai'i Revised Statutes (HRS) Chapter 343 Environmental Assessment (EA) and §6E-42 and §6E-8 support services for the Tradewinds Garden and Glass Museum project in Honolulu, Hawai'i.

Project Objectives

The Tradewinds Garden and Glass Museum project proposes to renovate the HECO Honolulu Power Plant Units 5 and 7 as well as the former Maritime Center for adaptive reuse. New uses proposed for Units 5 and 7 include glass art galleries, a hot shop for observing glass art creation, and a combined bookstore/lobby. New uses proposed for the former Maritime Center include a bookstore/lobby, outdoor deck areas, a bar, and a restaurant. For more information on the proposed project, refer to the Early Consultation Package in Appendix D – Proposed Work.

In addition to supporting the development of an EA required under HRS Chapter 343, this Reconnaissance Level Survey (RLS) report is intended to fulfill requirements under HRS §6E-42 and §6E-8 and Hawai'i Administrative Rules (HAR) §13-284 and §13-275 to identify historic properties in the project area, evaluate their significance, evaluate the proposed project's effect on them, and provide recommendations for mitigation of any adverse effects.

Methodology

To complete this RLS, MASON's SOI qualified architectural historian conducted historical research, a site visit, and an evaluation of significance and integrity in keeping with HAR §13-284-6. Research included the review of MASON's company archives, State of Hawai'i archives, relevant context studies, City & County of Honolulu tax records, and historical newspaper articles. This research was used to develop a historical context and physical development history of Honolulu Harbor, and the HECO Honolulu Power Plant.

MASON visited the properties on January 9, 2024, to digitally photograph the buildings and structures.

MASON evaluated the properties for significance under HAR §13-284-6 and §13-275-6 Criteria "a-d," but did not evaluate the resources for Criterion "e" ("having important value to the native Hawaiian people or to other ethnic groups") as MASON is not qualified or scoped to undertake evaluation under this criterion.

This report was written by Architectural Historian Annalise Shiraki with assistance of Angie Westfall, and overseen by Polly Tice, Principal and Research Section Director at MASON. Ms. Shiraki, Ms. Westfall, and Ms. Tice meet the Secretary of the Interior's Professional Qualification Standards for Architectural History.

Project Area (Boundary Explanation and Justification)

The Project Area encompasses two distinct areas (Figure 1), both off Aloha Tower Drive, Honolulu, Hawai'i, 96813, on TMKs (1) 2-1-001:057 (por.), 058, and (1) 2-1-014:006 (por.). TMK (1) 2-1-001:057 is a 405,709 square foot (9.3138 acre) parcel encompassing portions of Pier 7, the slip between Piers 7 and 6, Piers 6 and 5, and the slip to the south of Pier 5. The project area is

limited to the Pier 7 portion of this parcel. TMK (1) 2-1-001:058 is a 17,345 square foot (0.3982 acre) parcel containing portions of Pier 7 and the former Maritime Center building. TMK (1) 2-1-014:006 is a 149,644 square foot (3.4353 acre) parcel containing the HECO Honolulu Power Plant. While the plant is made up of several individual buildings and structures, the project area is limited specifically to Units 5 and 7.

Setting

Pier 7 is part of Honolulu Harbor. To the northwest, it is bound by the waters of the harbor and Pier 8, to the northeast by Aloha Tower Drive, to the southeast by the waters of the harbor and Pier 6, and to the southwest by the waters of the harbor.

The HECO Honolulu Power Plant is situated at the Honolulu Harbor waterfront, northeast of Pier 7. It is within the block bounded by Bishop Street, Richards Street, and Aloha Tower Drive. To the northeast of the Power Plant is Downtown Honolulu, across Ala Moana Boulevard. To the northwest and southeast are small, open parks and parking lots shaded by large trees.



Figure 1. Project and survey area. Source: base map, Google Earth; graphics, MASON, 2023.

Historical Context

Honolulu Harbor

Management of the Harbor

The following provides an overview of governmental agencies that were historically responsible for the management of Honolulu Harbor.¹

Under the Hawaiian Kingdom Government, the Harbormaster, within the Ministry of the Interior, maintained shipping and harbor records dating from 1842. Later, these records were kept by the Collector General of Customs under the Ministry of Finance.

After the overthrow of the Hawaiian Kingdom in 1893 and establishment of Hawai'i as territory of the United States in 1900, responsibilities related to harbors, wharves, landings, and other public infrastructure were transferred to the Superintendent of Public Works, under the Territory of Hawai'i.

In 1911, the Superintendent of Public Works' port and harbor-related responsibilities were transferred to an independent Board of Harbor Commissioners, who was tasked with controlling and managing "the harbors, harbor improvements, ports, docks, wharves and shipping throughout the Territory."²

After Hawai'i became a state in 1959, the Board of Harbor Commissioners was reorganized under the State of Hawai'i Department of Transportation (DOT). In 1961, the Board of Harbor Commissioners was abolished. In its place, the DOT organized a Commission on Transportation to advise the department's director.

Development of the Harbor

Origins

Before western intervention, there was a naturally occurring channel at Honolulu Harbor (traditionally known as Māmala) caused by the outflow of Nu'uuanu Stream. This outflow impeded the growth of coral and created an opening in the shallow reef along O'ahu's south shore. It also provided a rich marine environment.³ Abundant fishing grounds extended between 'Ewa and Maunaloa-Māmala was renowned for its aku fishing and Kahalaloa (the reef fronting Kawa, a fishpond in Iwilei that was later infilled) for its lobster, crab, and limu.⁴ To the west of the channel were several tidal islands, including ka Moku 'Ākulikuli⁵ (currently referred to as Sand Island).

¹ State of Hawai'i, Department of Accounting and General Services, Hawai'i State Archives, *Finding Aid for The Board of Harbor Commissioners*, 1-16. [Unless otherwise noted, the following overview is from this finding aid.]

² Act 163, Laws of the Territory of Hawaii Passed by the Legislature at its Regular Session, 1911 (Honolulu: Bulletin Publishing Co., Ltd., 1911), 262.

³ Office of Hawaiian Affairs, Research Division, *Nā Lama Kukui*, by Holly K. Coleman, February 2013, 1.

⁴ *Ibid.*, 4.

⁵ The name ka Moku 'Ākulikuli is written in other sources as Kamoku'ākulikuli. Ka Moku 'Ākulikuli was chosen for this report as it is used repeatedly in Hawaiian language newspapers.

Early Development

In 1794, the earliest known foreigners entered the harbor. It soon became a popular provisioning location for ships participating in the Pacific Trade.⁶ Before the first known wharf was developed in 1825, passengers and goods were transported between ships, which were anchored offshore or pulled into the harbor, and the shore. This early wharf, located near Nu'uaniu Avenue, was made from a sunken ship's hull. Early on, the Fort (1816), surrounded by thatched structures, was the waterfront's largest edifice (Figure 2). The Fort is Fort Street's namesake and was located just makai of the intersection of Fort and Queen streets.⁷



Figure 2. Map of Honolulu Harbor showing the Fort among thatched buildings, dated 1816. Source: *Maps of Hawaii—cities and towns of Honolulu 1816 to 1927*, Library of Congress.

Aside from the improvised wharf, other early improvements were made by both businesses and the Hawaiian Kingdom government. Robinson & Company started operating at the harbor in 1827. The company had a wharf and a shipyard 'Ewa of the Fort. Within the next thirteen years, several other companies had wharves at the bottom of Nu'uaniu Avenue. In the 1840s, the harbor was dredged several times providing materials to fill the surrounding tidelands. As a result of these dredging and filling activities, a 22-acre area bound by Fort, Queen, and Richards streets, known as the Esplanade, was created between 1857-70 (Figure 3).⁸ Contemporaneous

⁶ Fung Associates Inc., *Honolulu Harbor, Volume II: Reconnaissance Level Historic Structures Assessment Report, Located within the Survey Area, Final Report* (Honolulu: prepared for State of Hawai'i, Department of Transportation, Harbors Division, 2019), 11-47. [The following history of Honolulu Harbor is from this report, unless otherwise noted. Pages will be noted for direct quotes]

⁷ Bob Sigall, "200 Years Ago the Russians Built a Fort, and Fort Street is its Namesake," *Honolulu-Star Advertiser Sunday Magazine*, October 30, 2016, <https://historichawaii.org/2016/11/04/honolulufort/>.

⁸ Some maps identify the both the Esplanade and the reef fronting this area as Waikahalulu. Others refer to the infilled reef or beach area as Kuloloia. For more information, see the following maps: Dorothy Barrare, *Honolulu in 1810*, Bishop Museum Press, 1957, UHM Library Digital Image Collections,

with construction of the Esplanade, the Fort was dismantled and some of its coral blocks were reused to build a retaining wall.⁹ As the harbor continued to develop, the community surrounding the harbor also grew (Figure 4). Uses cropping up around the harbor primarily provided goods and services to support visiting ships. This included a three-story coral Custom House (1843), and a two-story coral block market (1851), both erected by the Hawaiian Kingdom government. The US Civil War (1861-65) greatly increased the demand for Hawaiian sugar (as the supply of sugar from southern states was cut off), and sugar exports caused a surge in the economy and development of the harbor (the number of wharves increased).

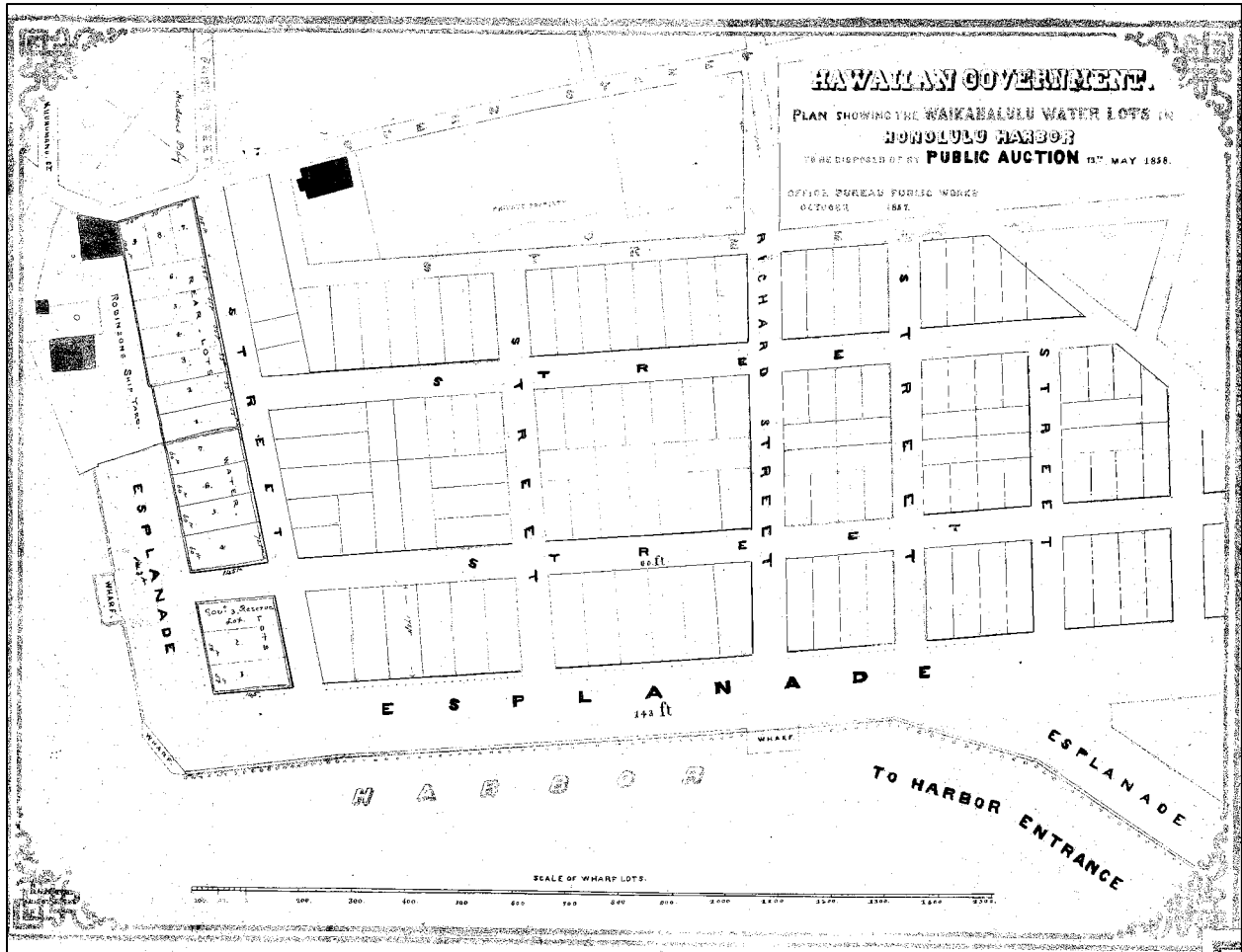


Figure 3. Map of Esplanade, dated 1857. Source: *Plan Showing the Waiakahalulu Water Lots in Honolulu Harbor to be Disposed of by Public Auction 13th May 1858*, Registered Map No. 279, Hawaiian Government, Bureau of Public Works, 1857, Hawai'i Department of Accounting and General Services.

<https://digital.library.manoa.hawaii.edu/items/show/23679>; and *Plan Showing the Waiakahalulu Water Lots in Honolulu Harbor to be Disposed of by Public Auction 13th May 1858*, Registered Map No. 279, Hawaiian Government, Bureau of Public Works, 1857, Hawai'i Department of Accounting and General Services.

⁹ Ross Wayland Stephenson, "The Importance of Planning to Waikiki: A History and Analysis" (PhD diss., University of Hawai'i, 2008), 38. [Stephenson notes that a portion of the retaining wall was still visible in 2007 immediately 'Ewa of Hawai'i Department of Transportation, Harbor's Division Office.]



Figure 4. Photo of the waterfront at the Esplanade, ca. 1880. Source: *Honolulu Harbor: 1880s*, Hawai'i State Archives.

Between 1898-1900, additional dredging took place at the harbor, providing fill materials for Quarantine Island (known in 2024 as Sand Island). These filling activities gave the island a regular, oval shape.¹⁰ Also near the turn of the century, maps indicate that the harbor included a cattle wharf, Oahu Railway & Land (OR&L) Co.'s railway wharf, several additional wharves used by C. Brewer & Co., Oceanic Steamship Co., Inter Island Steamship Navigation Co., Wilder Steam Ship Co., Pacific Mail Steamship Co., and other unidentified companies, a marine railway, a boat house, a light house, and a pier at Quarantine Island (Figures 5-8). The marine railway was built instead of a floating or stationary drydock, which at the time were deemed infeasible for Honolulu Harbor.¹¹ Late nineteenth century maps also show that portions of the Esplanade were still being filled¹² and several new wharves at the bottom of Richards and Mililani streets were under construction.¹³ All wharves from this period were made of wood. None of these early wharves remain in 2024.

¹⁰ MASON, *Draft Sand Island State Recreation Area, Historic Inventory Survey, Honolulu, O'ahu, Hawai'i* (Honolulu: prepared under contract to Hawai'i Department of Land and Natural Resources, 2024), 11.

¹¹ "Honolulu Marine Railway," *Daily Bulletin*, August 14, 1885, 5. A marine railway is described in this article as: "an inclined railway, descending from a repairing shipyard into deep water. A heavy platform with high frames and sides, called the cradle, slides upon series of rollers running in grooves in ironclad timber rails. A system of chains connected with powerful steam winches is employed to let the cradle down into deep water and haul it up again. When the cradle is run out into a sufficient depth, the vessel to be hauled up is floated between the arms of cradle. Then a system of movable blocks, worked by cranks from the tops of the cradle frames, grasps the hull of the vessel, and the cradle and its burthen are drawn up high and dry."

¹² F.S. Dodge, "Part of the City of Honolulu, Oahu, H.I.," 1893. This map shows that the waterfront next to the Esplanade (Diamond Head of Richards Street) remained unfilled as of December 1893.

¹³ Monsarrat, "Honolulu Hawaiian Islands," 1897.



Figure 5. Map of Honolulu Harbor, dated 1897. Source: M.D. Monsarrat, surveyor, *Honolulu Hawaiian Islands*, 1897, Library of Congress.



Figure 6. Photo of Honolulu Harbor from Puncbowl showing the Esplanade and Quarantine (Sand) Island, ca. 1900. Source: Hawai'i State Archives.



Figure 7. Photo of the waterfront at the Esplanade, ca. 1900. Source: Severin, *Honolulu Harbor: 1890s*, Brother Betram Collection, Hawai'i State Archives.

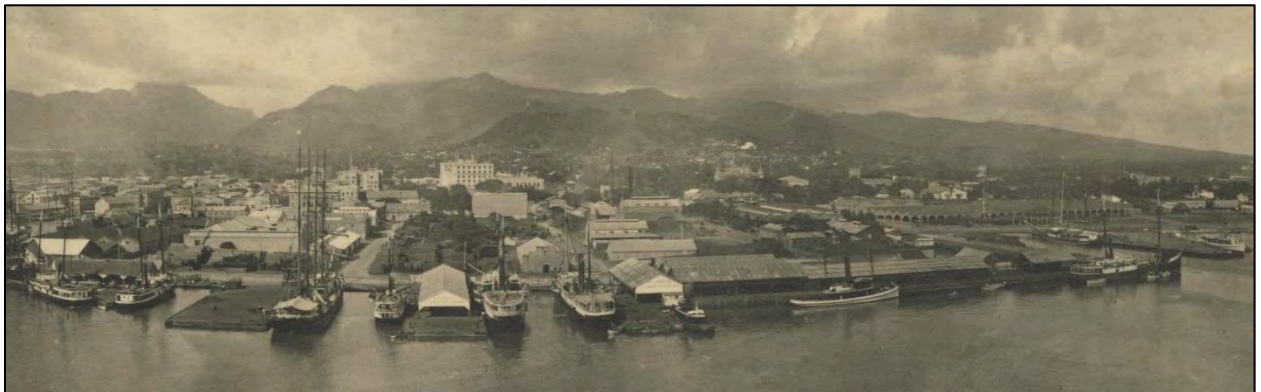


Figure 8. Photo of Esplanade, ca. 1902. Source: Perkins, *Honolulu Harbor: 1900-1910*, Hawai'i State Archives.

Early Twentieth Century Projects

In 1898, Hawai'i was annexed to the United States, and,

The formal transfer of sovereignty of the Republic of Hawai'i occurred in ceremonies on August 12, 1898, at 'Iolani Palace. The Joint Resolution of Annexation also transferred the title to Hawai'i's public lands, as claimed by the Republic of Hawai'i, to the United States. These lands, which included both the Government and Crown Lands were estimated to amount to almost 1.8 million acres, with a value of at least \$5.5 million.¹⁴

¹⁴ Davianna Pōmaika'i McGregor and Melody Kapilialoha MacKenzie, *Mo'olelo Ea O Nā Hawai'i: History of Native Hawaiian Governance in Hawai'i* (Honolulu: Office of Hawaiian Affairs, 2015), 52.

This transfer of public lands included Honolulu Harbor. With the passage of the Organic Act in 1900, control of Hawai'i's public lands was again transferred, this time to the Territory of Hawai'i. Between 1900-14, the Superintendent of Public Works (and later the Board of Harbor Commissioners), the U.S. military, and the U.S Army Corps of Engineers carried out several harbor projects, including reconfiguration of the waterfront, construction of new wharves and sheds, and enlargement of the harbor's basin:

- In 1903, after the Territorial Legislature authorized bond funds, the Territory demolished several old buildings at the waterfront, including the Custom House (1843).
- By 1904, periodic dredging resulted in a depth of 27' over most of the harbor and an entry channel of approximately 200' in width.¹⁵
- In 1905, Brewer's wharf (later redeveloped as Pier 12) was renovated, and a new shed constructed.
- Between 1905-07, the Territory built new wharves at the bottom of Fort Street (later developed as Pier 10) and Alakea Street (later developed as Pier 7). At Alakea Street, the Pacific Mail Steamship Co. wharf, which ran parallel to the shore, was demolished. In its place, the perpendicularly oriented Alakea Street wharf was built.¹⁶ This wharf had roughly the same footprint as Pier 7 in 2024. A 1905 report provided the following information on the Alakea Street wharf:

In December of last year the contract for dredging the new slip at the foot of Alakea street was awarded to Mr. John Walker for \$168,000. Owing to delays of various kinds of work was not started until after July 1. Preliminary plans have been prepared for new wharves immediately adjacent to the naval docks. On the first wharf [Alakea Street wharf] the plans provide for a two-story building, so as to facilitate the handling of passengers arriving on the large steamers.¹⁷

- By 1907, the Alakea Street wharf was finished (Figure 9).
- In 1907, the U.S. Army started construction on Fort Armstrong on land that was previously filled.
- In 1908, the U.S. Army Corps of Engineers began widening the harbor's entrance. Funds for this project came from the Rivers and Harbors Act of 1905. This involved removal of a point at the channel's entrance, where a lighthouse was located, and depositing fill on Sand Island, increasing its size. On Sand Island, the lighthouse keeper's residence was relocated, and a new lighthouse was constructed.
- Between 1908-13, a concrete bulkhead wharf along Queen Street (later location of Pier 15) and an additional wharf at Kekūanaō'a Street (later location of Piers 8, 9, and 10) were built.
- In 1909, under a \$45,000 appropriation, a two-story shed was added to the Alakea Street wharf to accommodate freight and passenger traffic (Figures 10 and 11).¹⁸ Housed in the shed were offices for the harbormaster, pilots, and customs inspections.

¹⁵ MASON, Draft Sand Island Historic Inventory Survey, 11.

¹⁶ Report of the Governor of Hawaii to the Secretary of the Interior (Washington: Government Printing Office, 1905), 43.

¹⁷ Ibid., 38.

¹⁸ Report of the Governor of Hawaii to the Secretary of the Interior for the Fiscal Year Ended June 30, 1909 (Washington: Government Printing Office, 1909), 58.

- In 1911, the Richards Street wharf and shed (later location of Pier 6) were completed, Sorenson’s wharf was widened, and Hackfield wharf’s (later site of Pier 16) was extended.
- In 1912, the U.S. Army constructed Pier 1 as part of its Fort Armstrong project. This was the earliest known pier at the harbor to use a concrete deck and concrete piles.
- In 1913, the Queen Street bulkhead wharf and sheds (later location of Pier 15) were completed, and the Inter Island Steam Navigation Co. built a 100’ x 400’ floating dry dock (making the marine railway obsolete). Around this period, the shed on Brewer’s wharf was extended to accommodate Matson’s operations, requiring demolition of the Market House (ca. 1850). As part of this project, the Territory also purchased the lease of the wharf from Brewer.
- On January 6, 1914, the board accepted a special committee report recommending that the harbor’s wharves be renamed using numbers,¹⁹ and two days later it was reported in the *Honolulu Star-Bulletin* that the Alakea Street wharf was renamed Pier 7.²⁰
- In 1914, a 70’ tall steel tower with a watchman’s house and pilots’ balcony was added to the makai end of Pier 7 (replacing the old pilot house near Pier 2),²¹ and Pier 15’s ‘ōhi’a block pavement was coated in asphalt.

None of these early Territorial improvements remain in 2024.



Figure 9. Map of Honolulu Harbor showing the Alakea Street wharf (later redeveloped as Pier 7), dated 1907. Source: Walter E. Wall, surveyor, *Honolulu Harbor and Vicinity*, 1907, Library of Congress.

¹⁹ “From Names to Numbers,” Maritime Hawai’i, last modified December 23, 2020, <https://www.maritimehawaii.com/2020/12/from-names-to-numbers/>.

²⁰ “Numbering of Piers in Honolulu, *Honolulu Star-Bulletin*, January 8, 1914, 4.

²¹ “Harbor Board Did Much Work During Year,” *Honolulu Star-Bulletin*, July 14, 1914, 6.

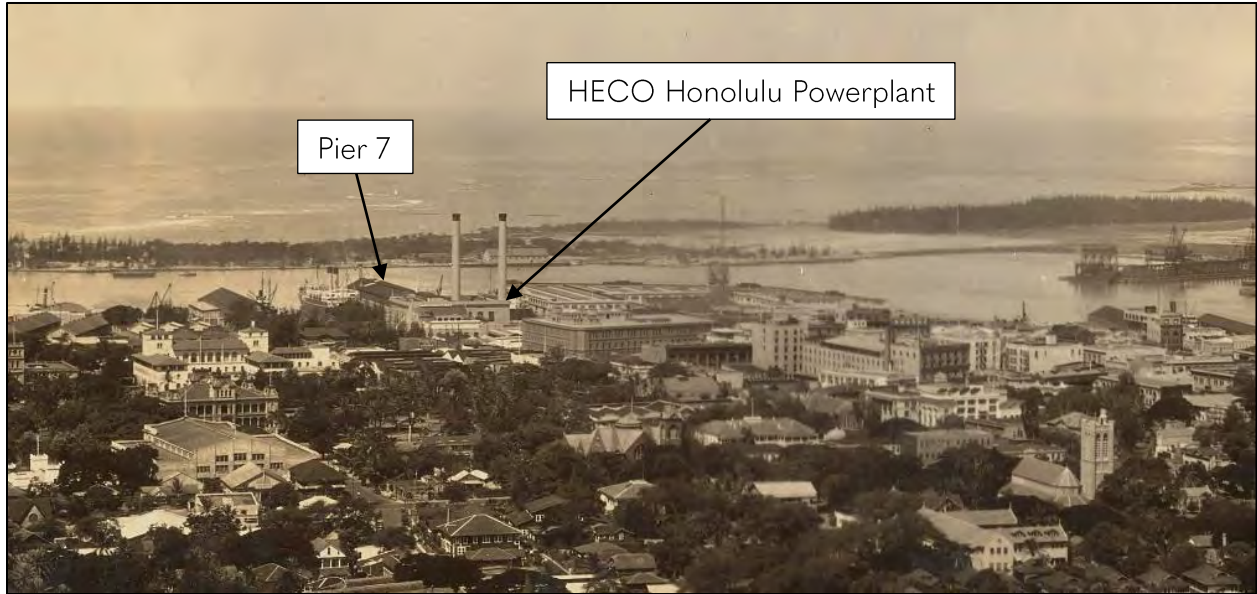


Figure 10. View of Honolulu Harbor from Punchbowl, ca. 1923. Source: *Honolulu-City-1920s*, Hawai'i State Archives.



Figure 11. Photo of two-story shed that once sat atop Alakea Street wharf/Pier 7, ca. 1920. Source: "Pier 7 with Two Steamers, Honolulu, Hawaii, USA," Media Storehouse, accessed January 18, 2024.

Concrete Upgrades

After harbor-related responsibilities were transferred from the Superintendent of Public Works to the Board of Harbor Commissioners, the board initiated an effort between 1915-29 to reconstruct existing wood piers in concrete, and the harbor's appearance as we know it in 2024 began to take shape (Figure 12-14):

- In 1915, the board initiated a complete overhaul of Piers 8, 9, and 10 for overseas cargo and passengers, using reinforced concrete; at the time the construction methods and materials used for these new piers were innovative. Once completed, two story concrete sheds were constructed atop the piers. The slips of these piers were also dredged so they could accommodate larger ships.
- In 1919, the board began its second large project, the redevelopment of Pier 2 (to accommodate the lumber trade), by demolishing the existing structure. In 1920, construction began on "a new reinforced concrete, pile supported, bulkhead wharf, which was to be of 'the most modern type of permanent cement masonry construction.'"²² Roads were also developed to access the pier.
- Between 1916-22, the board carried out several projects, like replacing the wood structural members of several piers with concrete, repairing fenders, deck timber, and planking, repainting metalwork, and repairing leaky roofs and joints in the oil pipelines (of Pier 2). Piers 6, 7, 12, 14, 15, and 16 were the focus of this work. For Pier 7, the board spent a total of \$12,997.12 on said repairs in 1922.²³
- In 1923, the board performed additional repairs to Pier 7, with a report from the same year providing the following information on the work:

Repairs to Pier No. 7—The 140-foot concrete section constructed by day labor by the regular repair crew employed by the board of harbor commissioners was completed and has proven so satisfactory that additional sections will be similarly constructed as repairs are made to the wooden structure and funds are made available.²⁴

- Also in 1923, the board awarded a contract to construct reinforced concrete sheds atop Piers 8, 9, and 10, and in 1925, construction began on Aloha Tower.
- In 1925, the board awarded a contract to construct Pier 11 in reinforced concrete. The following year, an additional contract was awarded to construct a two-story, reinforced concrete shed on Pier 11. Aloha Tower was completed in 1926 and the shed in 1927. A harbor light was placed atop Aloha Tower and the lighthouse on Sand Island was decommissioned.
- Between 1927-29 several smaller projects included rebuilding a portion of Pier 7 in concrete and construction of Pier 4 and its shed, all in reinforced concrete, by the U.S. Lighthouse Service. For Pier 7, the board let contracts in 1927 in the amounts of \$2,105.10 and \$1,388.50 for furnishing construction materials.²⁵

²² Fung Associates Inc., *Honolulu Harbor Historic Structures Assessment Report*, 25.

²³ *Report of the Governor of Hawaii to the Secretary of the Interior 1922* (Washington: Government Printing Office, 1922), 53.; "Repairs to Pier 7," *Honolulu Advertiser*, January 5, 1922, 4.

²⁴ *Report of the Governor of Hawaii to the Secretary of the Interior 1923* (Washington: Government Printing Office, 1923), 59.

²⁵ *Report of the Governor of Hawaii to the Secretary of the Interior 1927* (Washington: Government Printing Office, 1927), 75.

- In 1929, redevelopment of Piers 13 and 14 began. This project called for the construction of a steel and reinforced concrete shed and other features that were both fire and salt resistant. The project was completed in 1931.

Between 1920-30, as the board completed the projects listed above, the Territory acquired property around the harbor to allow for expansion of facilities, including:

- Allen & Robinson land along Queen Street (at the waterfront).
- OR&L Co. land near Piers 15 and 16.
- Three blocks near Piers 8-11.
- Robinson and Campbell estate land near the intersection Queen and Fort streets.
- The remaining privately owned parcels in the block bounded by Halekauwila, Allen, Fort, and Kekūanaō'a streets.
- The coral block Custom House (1860) at Fort and Allen streets (current location of Irwin Park).
- Hawaiian Construction & Draying land.

These lands were either purchased by the Territory from private owners, deeded to the Territory by the federal government, or donated to the Territory by private owners. Upon acquiring the Custom House from the federal government, the board moved customs operations to Pier 7. The board also demolished the buildings in this area so Queen Street could be widened, and parking could be provided.

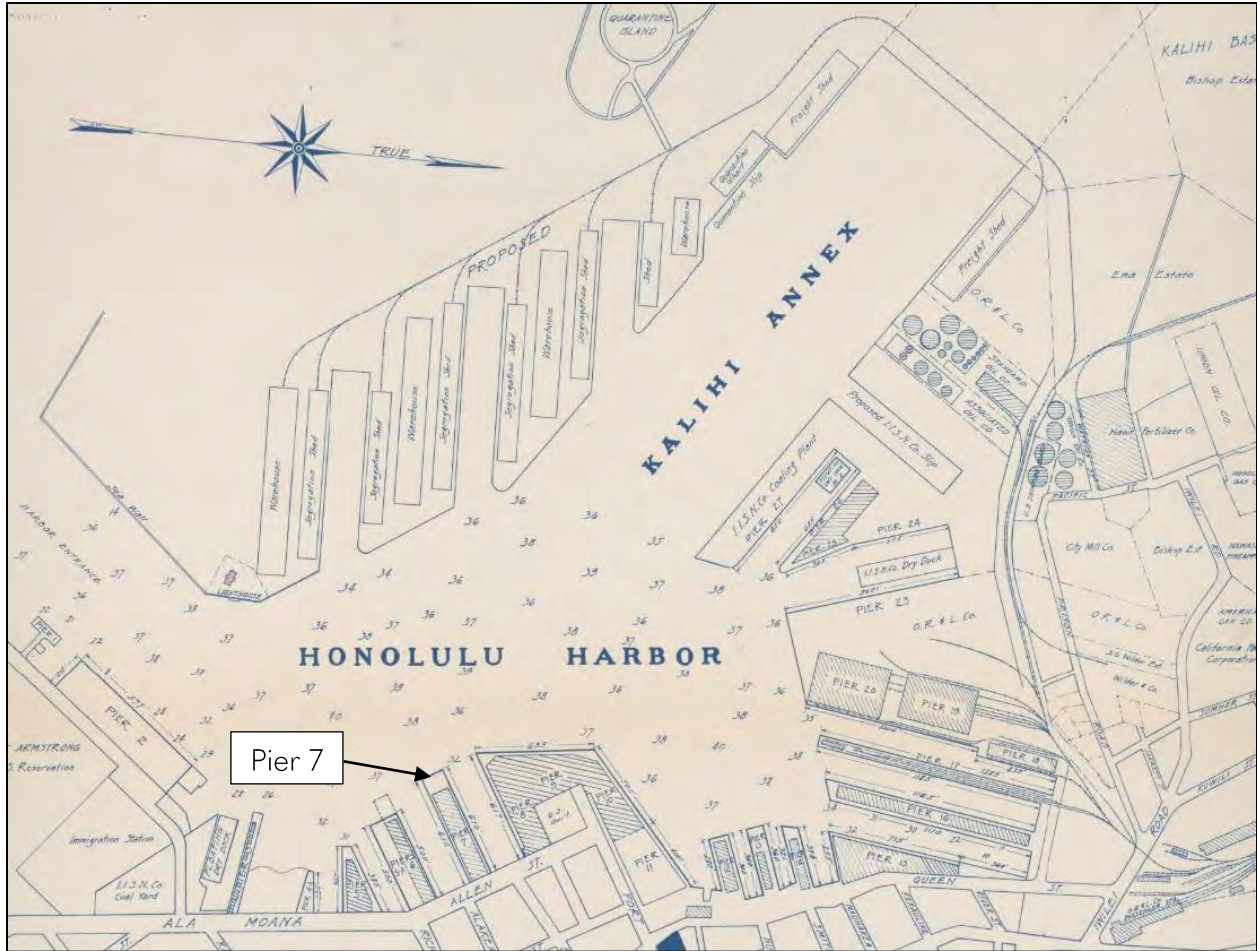


Figure 12. Map of Honolulu Harbor, dated 1923. Source: Fred L. Waldron, LTD., *Maps of Honolulu Harbor*, Library of Congress.

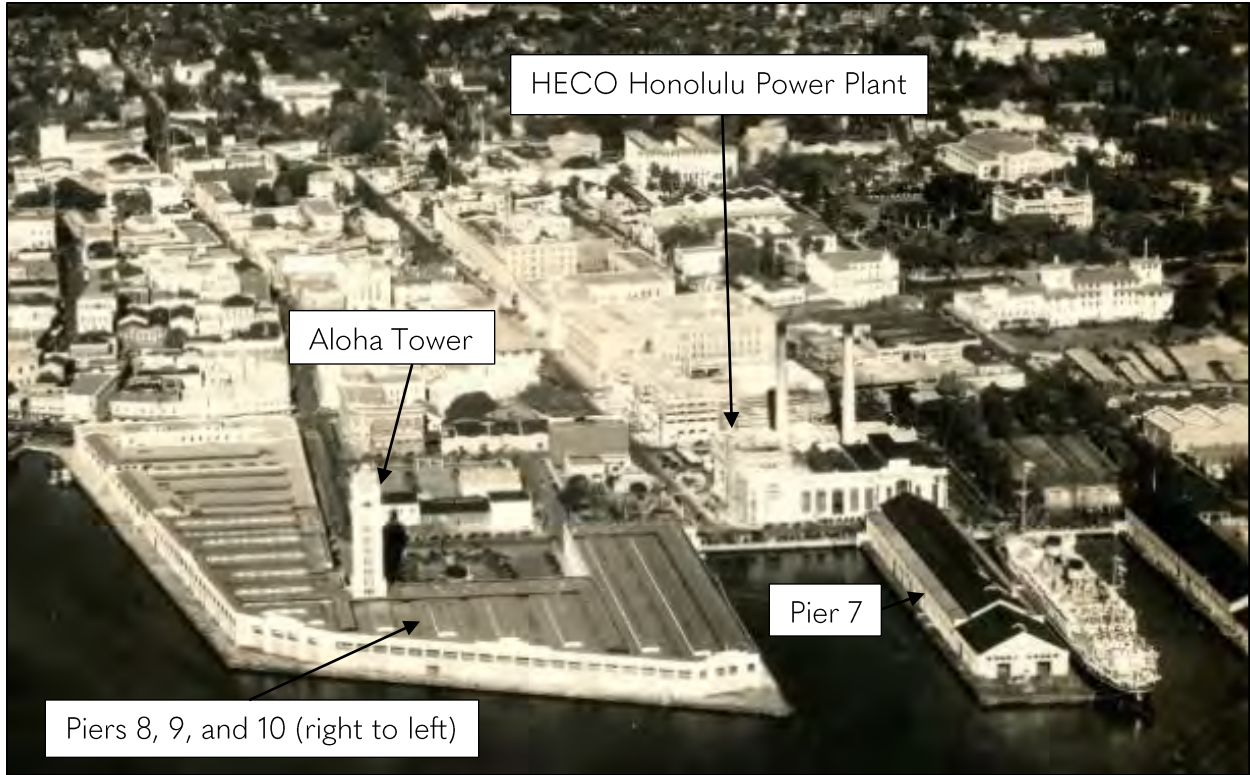


Figure 13. Photo of Pier 7 with HECO Honolulu Power Plant in background, ca. 1930. Source: Eleventh Photo Section A.C., Luke Field, T.H., *Honolulu Harbor: 1911-1929*, Hawai'i State Archives.

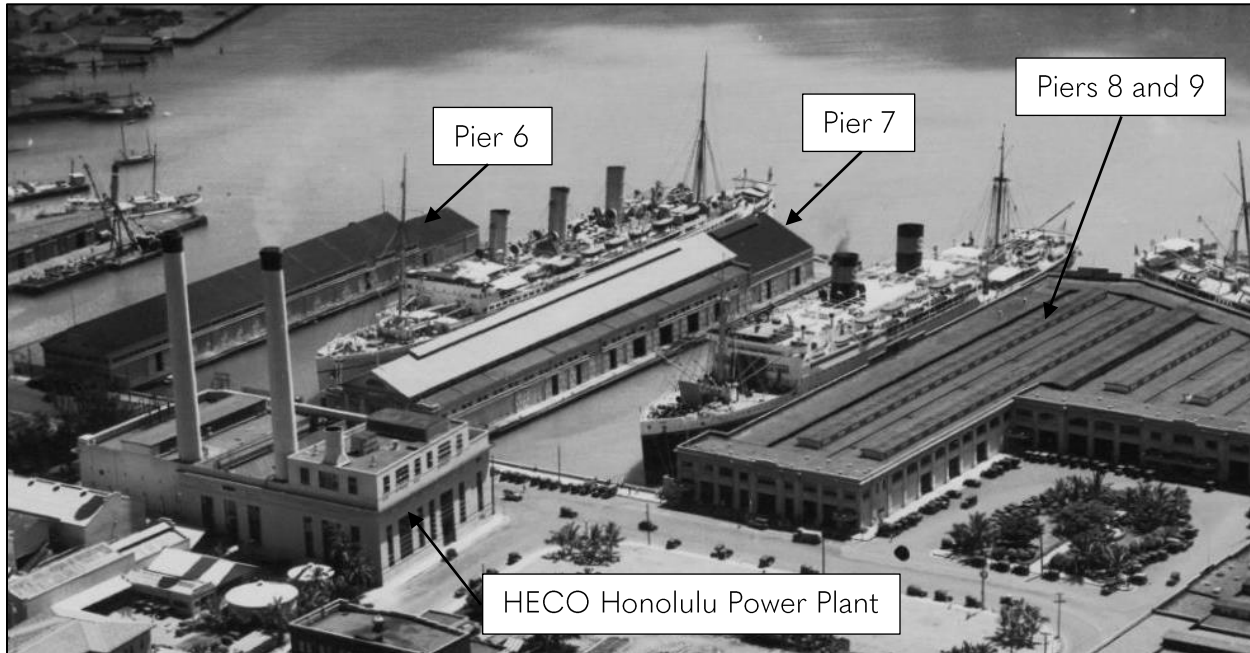


Figure 14. Photo of Pier 7 and HECO Honolulu Power Plant, ca. 1932. Source: Hawai'i State Archives.

'Ewa Expansion

As the board upgraded wood wharves and carried out major projects like the construction of Piers 8-11, and Aloha Tower, it also expanded the harbor westward (Figures 15-17). Between 1920-41, a channel was incrementally dredged to connect the harbor with Kapālama Basin, the Territory acquired the basin (along with its fishing rights) from Bishop Estate and new wharves (Piers 35 and 36) were built for pineapple companies 'Ewa of Nu'uano Stream. The Inter Island Steam Navigation Co. constructed Piers 26-29 at the location of its former coaling station, OR&L Co. built Piers 31, 31A, and 32, and the U.S. Army initiated construction of Piers 39 and 40.



Figure 15. Map of Honolulu Harbor, dated 1923. Source: H.A.R. Austin, *City of Honolulu, Territory of Hawaii, U.S.A.*, Library of Congress.



Figure 16. Aerial photo of Honolulu Harbor showing Kalihi Channel, ca. 1935. Source: War Department, Corps of Engineers, *Ports of the Territory of Hawaii* (Washington: Government Printing Office, 1935), 46.



Figure 17. Aerial of Honolulu Harbor, 1940. Source: Williams Photography, *Honolulu Harbor: Aerial 1940*, Hawai'i State Archives.

World War II

During World War II (WWII), the U.S. Army completed a pier on Sand Island, harbor traffic was placed under the Director of Cargo and Passenger Control (a U.S. military position), the U.S. Navy took control of Pier 11 and 20 acres of land next to Piers 35 and 36, and Piers 2, 8-11, and 35 handled freight from overseas. Additionally, several piers, including Pier 7, were painted in camouflage during the war (Figure 18).



Figure 18. Photo of Pier 7 with camouflage paint during WWII. Source: Hawai'i State Archives.

Post World War II

In the post-WWII years, between 1949-63, Dillingham built Pier 33 and an extension to Pier 31A's shed, control of Pier 5 was transferred from the U.S. government to the Territory, Piers 6 and 16 were demolished, and Pier 2 underwent a major redevelopment. External changes, including the rise of passenger jet travel and decline in number of vessels carrying passengers, movement toward inter-island freight being transported via barge, and improvement of outer-island ports, affected the harbor's appearance. The harbor was further changed by the construction of Nimitz Highway and industrial structures (including a bulk sugar plant, grain silos, flour silos, and a flour mill).

Statehood-Present

Just before statehood in 1959, container shipping and passenger jet travel were introduced to Hawai'i. Container shipping transformed the way goods were shipped and altered operations at the harbor. As shipping methods changed, the harbor's appearance morphed because container shipping did not need covered sheds—it required large swaths of open land.

In the early 1960s, a second entrance to the harbor opened, a bascule bridge to Sand Island was built, and work on roads and utilities began at Sand Island. Also in the early 1960s, the State of Hawai'i carried out a major cargo-passenger terminal project involving Piers 5-7 and Piers 8-11. The project started with the development of open-air parking lots at Piers 5-7. To accommodate the parking lot on Pier 7, the two-story shed (1909) was demolished (Figure 19). In the second phase, a vehicular ramp from the parking lot near Piers 5-7 to Piers 8-11 was constructed. At the time, this project was controversial because it affected views of the water from Bishop Street.

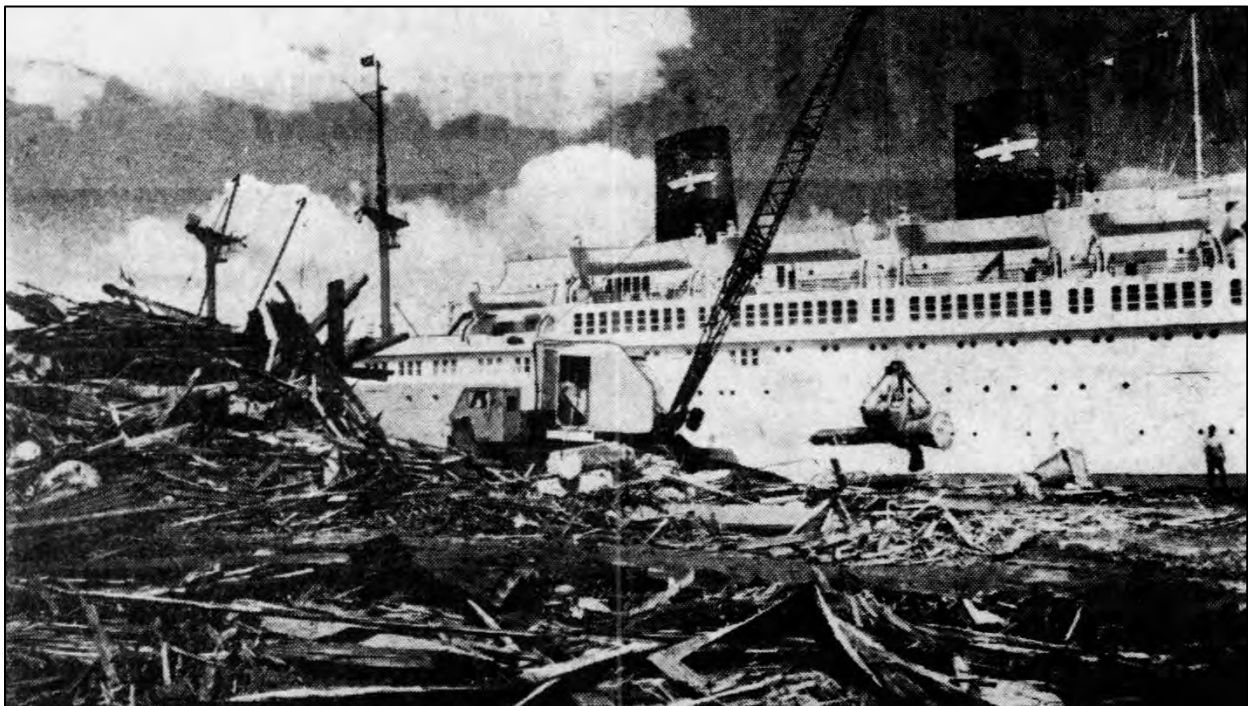


Figure 19. Photo of two-story shed being atop Pier 7 being demolished to make way for a paved parking lot, 1960. Source: "Harbor Board Charges May Have to be Raised," *Honolulu Star-Bulletin*, October 6, 1960, 6.



Figure 20. Photo of paved parking lot atop Pier 7, 1969. Source: *Honolulu Star-Bulletin*, Aerial Photographs Before & After, Capitol 50th Anniversary, Hawai'i State Archives.

Between 1965-67, the State acquired nearly all remaining privately-owned properties at the harbor. Between 1969-80, the State developed a container handling facility on Sand Island with the demolition of existing wood wharves and construction of Pier 51 and later Pier 51A and Pier 51B.



Figure 21. 1968 aerial (left) and 1978 aerial (right), showing changes that occurred, particularly on Sand Island, during this period. Source: Hawai'i Aerial Photos (1950-2000), MAGIS at the University of Hawai'i at Mānoa Library.

Pier 7

Between 1905-07, Pacific Mail Steamship Co.'s wharf near Alakea Street was redeveloped into the Alakea Street wharf. This wharf had roughly the same footprint as Pier 7 in 2024. In 1909, a two-story shed was added to the wharf. In 1914, the wharf was renamed Pier 7, and a 70' steel tower was added to the makai end.

In 1922, 1923, and 1927, Pier 7 was incrementally rebuilt in concrete to "conform with the most modern ideas of pier construction."²⁶

In 1947, a portion (the makai end) of the pier was removed.

As part of the State's cargo-passenger terminal project, Pier 7's two-story shed was demolished in 1960. In 1962, the pier's coral surface was paved to create an open-air parking lot.²⁷ The project also involved construction of open-air parking lots atop Piers 5 and 6 and a two-lane vehicle ramp between the parking lot next to Piers 5-7 and a second-story platform in the courtyard area of Piers 8-11. The cargo-passenger terminal project was completed in 1965 and demolished in 1993. Remnants of the ramp's footings are visible between Piers 7 and 6.

In 1988, the former Maritime Center was constructed atop Pier 7. It remained in operation until 2009.

Former Maritime Center

The former Maritime Center was completed in 1988, after several years of planning and fundraising. A 1986 article summarized the vision for the center as follows:

The building to be erected on Pier 7 will be called the Kalakaua Boat House, inspired by the headquarters of the Myrtle Boat Club founded in 1883.

The club at Honolulu Harbor at the foot of Punchbowl Street was a center for canoe races, yachting regattas, and swimming events. King Kalakaua, a patron of the Myrtle Boat Club, had a private boathouse nearby. The pier, now used as a parking lot, was known as Alakea Wharf at the turn of the century and was where trans-Pacific steamships docked.

The proposed boat house will have three stories and wraparound decks for watching harbor activities. A Pacific Ocean theater and changing exhibits will occupy the interior...²⁸

HECO Honolulu Power Plant

The HECO Honolulu Power Plant is comprised of Units 5 and 7 and the Leslie A. Hicks Power Plant. The Hicks Plant is slightly taller than adjacent Units 5 and 7. Collectively, the Honolulu Power Plant is "part of HECO's long-term electric power generation infrastructure."²⁹

²⁶ Fung Associates Inc., *Honolulu Harbor Historic Structures Assessment Report*, 119.

²⁷ "State Ready to Set Up Space for 289 Cars on Piers 5, 6, 7," *Honolulu Star-Bulletin*, October 21, 1962, A10.

²⁸ Lois Taylor, "Envisioning a Maritime Center for Honolulu," *Honolulu Star-Bulletin*, August 28, 1986, D-1.

²⁹ MASON (Dee Ruzicka and Polly Tice), Draft National Register of Historic Places Registration Form, Hawaiian Electric Company (HECO) Honolulu Power Plant, 170 and 222 Aloha Tower Drive, Honolulu, ed. Angie Westfall November 2020, 12.

Pursuant to the Programmatic Agreement for the Honolulu High-Capacity Transit Corridor Project, the plant was previously documented through a Historic American Engineering Record (HAER) project and preparation of a Draft National Register of Historic Places (NRHP) Registration Form. From the Draft NRHP Registration Form, the plant's physical development is summarized as follows:

The generation of electrical power in Hawaii began in 1881 at Claus Spreckles' sugar mill at Spreckelsville on the island of Maui so that the mill could be operational at night as well as during the day. While on a world tour in 1881, King Kalakaua had called on Thomas Edison at his New Jersey workshop and received an electrical lighting demonstration. Kalakaua maintained enthusiasm for electric lighting, and in 1886 hosted a demonstration at Iolani Palace with power that was supplied by a dynamo at the Honolulu Iron Works. Another demonstration was provided at the palace on the King's 50th birthday in November 1886 with power that was supplied by an on-site steam dynamo. By late 1886 Honolulu's had electric streetlights that were powered from dynamos at the palace, and in 1887 a hydroelectric system in Nuuanu Valley lit additional streetlights. By 1891, small generating plants were available for sale in Honolulu to individuals.

In May of that same year, a co-partnership [between Honolulu attorney Jonathan Austin and three men of E. O. Hall & Son: William W. Hall, Edwin O. White, and William V. Lockwood] named Hawaiian Electric Company (HECO) was formed that began selling electricity from a coal-fired boiler that powered dynamos at a building located at the intersection of King and Richards Streets in Honolulu. On May 3, 1893, just four months after the overthrow of the Hawaiian Monarchy, HECO – as the only bidder – was granted a 10-year franchise by the provisional Hawaiian Government to supply electricity to customers in Honolulu.

The HECO site at Alakea and Halekauwila Streets was first developed in 1894, with coal-fired boilers powering alternating current generators and dynamos that produced direct current. ... During the early years of HECO, lighting was the primary use for electricity, and demand was mostly confined to a few hours before dawn and in the evenings. During times of lower demand, it was most efficient to keep the boilers partially stoked, and HECO produced ice with the power supplied from its generators. During the early twentieth century, the Alakea Street Plant served Honolulu's electrical needs.³⁰ Lines were extended to Waikiki in 1897 and 1901, and to Manoa Valley ca. 1904. The Alakea Plant boilers were converted from coal to oil-fired about 1905, and a steam turbine was installed in 1908. Additional generating units were added at that plant in 1910 and 1913. By 1916, the company's installation of high voltage transmission lines stretched to Windward Oahu and Pearl Harbor, allowing those areas to receive HECO power.

In 1920, a new generating plant (that would become Unit 7) was completed adjacent to the Alakea Street Plant. In 1930, another plant was built (which would become Unit 5). In 1930, HECO's generating capacity stood at 50,000kw between the two units [Units 5

³⁰ The government retained control of the plant at Nu'uuanu until 1895 when HECO took control of it. While under the government, it was primarily used to operate streetlights when it was able. For more see MASON (Dee Ruzicka), "Hawaiian Electric Company, Honolulu Power Plant," HAER No. HI-139, Historic American Engineering Record (HAER), National Park Service, U.S. Department of the Interior, October 2017, 6-7.

and 7]. The 1894 Alakea Plant was relegated entirely to ice production in 1925. In 1933 Unit 7 received an additional 10,000kw generator, and in 1938 HECO expanded its production outside of Honolulu with a 7,500kw unit at a new site at Waiiau in Pearl City, Oahu.

After World War II, the Waiiau Plant was expanded in several increments to keep up with post-war era construction that was adding new homes and businesses throughout Oahu. During the 1950s HECO expanded service to provide power to Ala Moana Shopping Mall, and to the town of Kailua, which was experiencing a boom in residential growth.

In 1954, HECO opened a new Plant at Alakea and Halekauwila Streets. This plant had a 50,000kw capability, which was expanded in 1957 with an additional 50,000kw, and renamed after HECO's president [from 1943-59], Leslie A Hicks.³¹



Figure 22. Photo of HECO Honolulu Power Plant, Unit 5, ca. 1920. Source: "Photos: What Honolulu Harbor Looked Like in the 1920s," Local News, KHON, accessed January 18, 2024.

³¹ MASON, Draft NRHP Registration Form, HECO Honolulu Power Plant, 12-13.



Figure 23. Photo of HECO Honolulu Power Plant, Unit 7, ca. 1925. Source: *Honolulu City – 1920s*, Hawai'i State Archives.



Figure 24. Photos of HECO Honolulu Power Plant, Units 5 and 7, ca. 1940 (left) and 1955 (right). Source: *Honolulu City: 1940s*, Hawai'i State Archives.

Additional history on each the plant's units is also provided by the Draft NRHP Registration Form as follows:

Unit 7 Structure – Units 1, 2 and 3 (1920 – ca. 1924)

To provide for the further electrification of Oahu during the 1920s, HECO planned construction of a new plant on property adjacent to the existing 1894 Alakea Plant. Some

of this property had previously been purchased ca. 1903-04 by then Vice-president John A McCandless, who had quietly acquired adjacent lots for the company in anticipation of such an expansion. HECO purchased additional property adjacent to the Alakea Plant site in 1918, and its total land holdings amounted to the entire block bounded by Alakea, Halekauwila, Bishop, and Allen Streets (now Aloha Tower Drive). The 1920 plant that would become Unit 7 originally held three oil-fired generating units that went into operation in 1920, 1922, and 1924. Additional units were installed in the ensuing years, and in 1944 the structure received a 35,000kw unit that was the seventh to be installed on the property. It was at this time that the structure began to be referred to as Unit 7.

Unit 5 Structure (1930)

The 1930 power plant structure, the extant Honolulu Power Plant/Unit 5, was built adjacent to, and northwest of, the 1920 Unit 7 structure. It originally contained a 20,000kw steam turbine generator that was the fifth unit to be installed on the property. Unit 5 was decommissioned, along with Unit 7, in December 1983.³²

It should be noted that information on the development of the Hicks Plant has been omitted from the previous excerpt as it falls outside the project area.

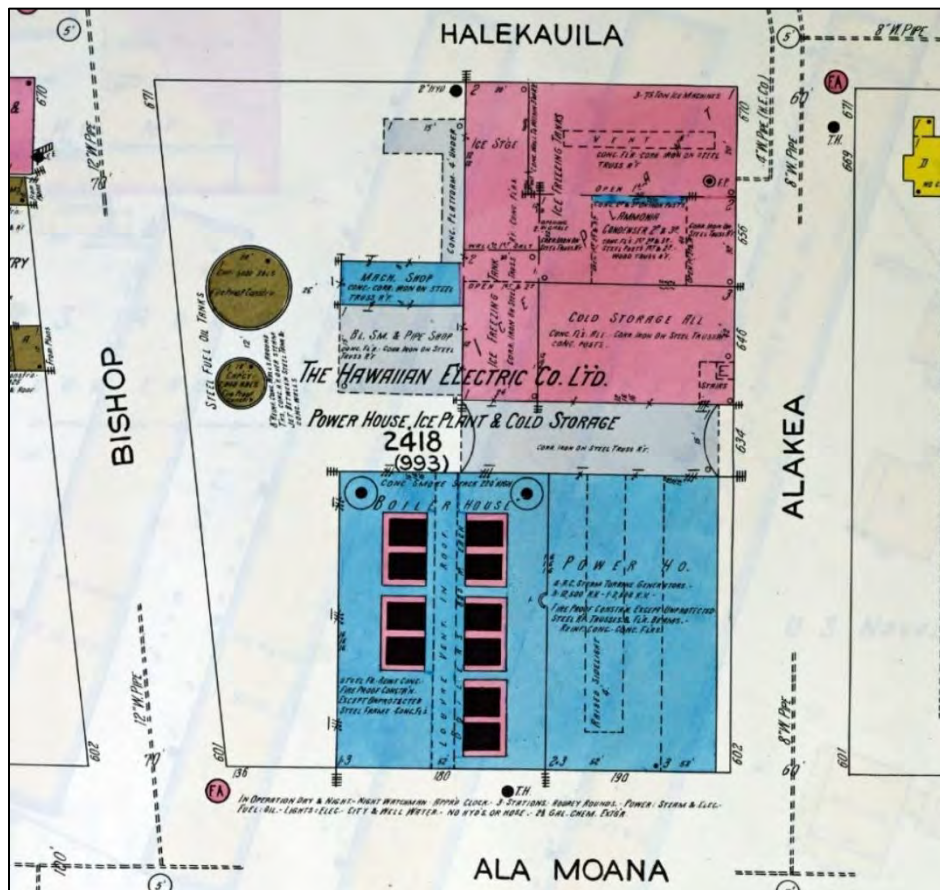


Figure 25. Sanborn Insurance Map, showing HECO Honolulu Power Plant, Unit 7, dated 1927. Source: Library of Congress, Geography and Map Division, Washington, D.C.

³² MASON, Draft NRHP Registration Form, HECO Honolulu Power Plant, 14.

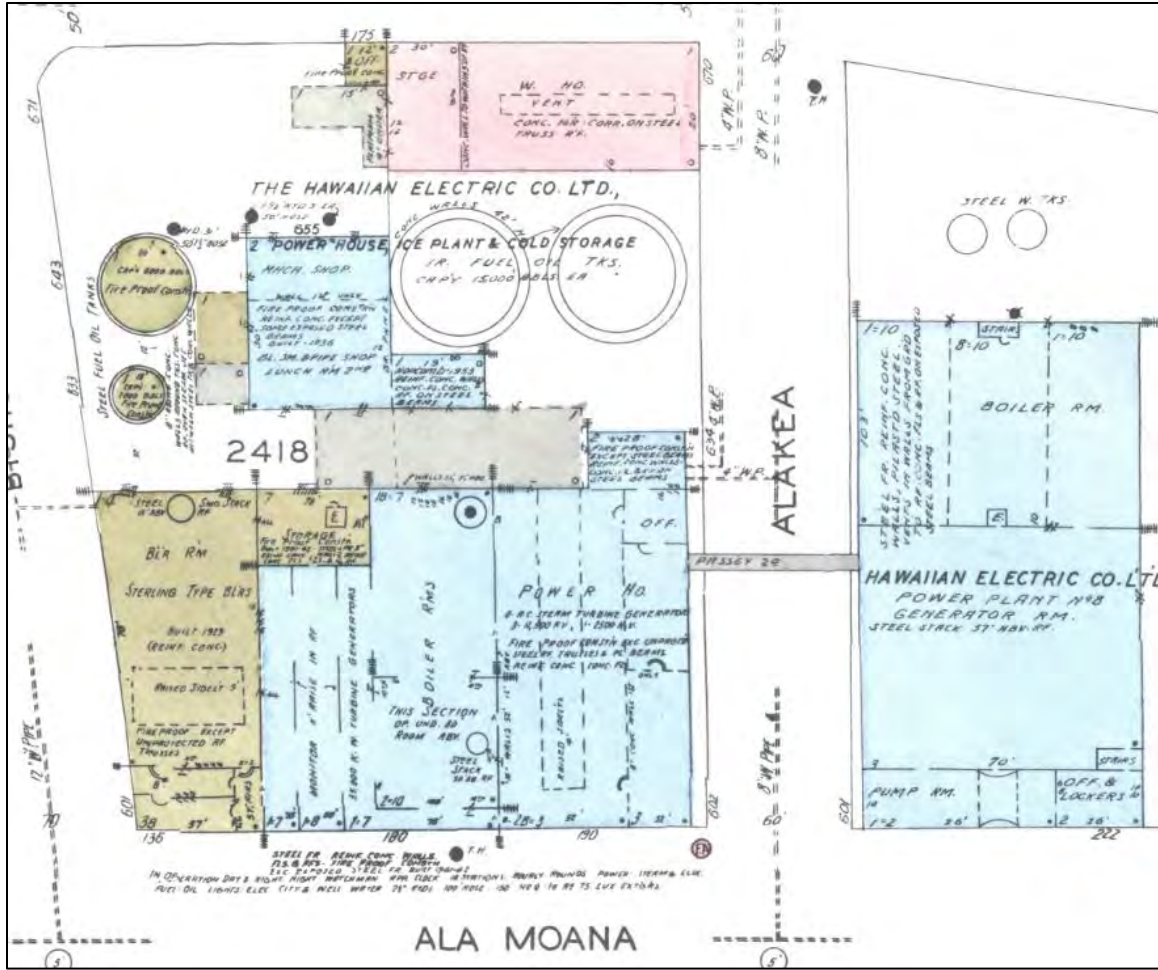


Figure 26. Sanborn Insurance Map, showing HECO Honolulu Power Plant, Units 5 and 7, dated 1927 and reprinted 1956. Source: Library of Congress, Geography and Map Division, Washington, D.C.

Architectural Descriptions



Figure 27. Project area denoting building and structure locations and construction dates. Source: base map, Google Earth; graphics, MASON, 2024.

Each resource surveyed as part of this study is described on the following pages, including brief alteration histories, if known. The alteration history section is not meant to be a comprehensive list of every alteration, but a list of the most significant alterations.

Character defining features are only provided for the resources that meet HAR §13-284-6 or §13-275-6 significance and integrity criteria.

Pier 7 (1922-27)



Figure 28. Top of Pier 7, camera facing southwest (MASON, 2024).

While the Alakea Street Wharf was built in the location of Pier 7 between 1905-07, much of the pier that exists in 2024 was built between 1922-27. The pier is rectangular in plan and is approximately 17,345 square feet in area. Per Fung Associates Inc.'s *Honolulu Harbor Historic Structures Report*:

Pier 7 is located between the south end of Alakea and Bishop Street and is comprised of concrete retaining slip walls. The pier is supported by two concrete piles and a concrete decked breasting platform.

Remnants of footings for the automobile ramp up to Aloha Tower and Piers 8, 9, 10, and 11 are at the North (*mauka*) end of the slip between Pier 7 and Pier 6. The pier is the location of the Falls of Clyde and Hawaii Maritime Center.³³

Alterations

The following information on alterations to Pier 7 is compiled from MASON's research and Fung Associates Inc.'s *Honolulu Harbor Historic Structures Report*:

- Between 1905-07, Pier 7's predecessor, the Alakea Street Wharf was built.
- In 1909, a two-story shed was constructed atop Pier 7.
- In 1914, a 70' tower was added to the south end of the pier.
- In 1922, a portion of Pier 7 was rebuilt in concrete.
- In 1923, more of the pier was rebuilt in concrete.

³³ Fung Associates Inc., *Honolulu Harbor Historic Structures Assessment Report*, 119.

- In 1927, an additional section of the pier was reconstructed in concrete.
- In 1947, the outer end of the pier was demolished.
- In 1960, the two-story shed atop Pier 7 was demolished.
- In 1962, the pier's coral surface was paved to create an open-air parking lot.
- In 1965, a vehicle ramp between the parking lot near Piers 5-7 and Piers 8-11 was completed (all part of the cargo-passenger terminal project), where it remained until 1993 when it was demolished.
- In 1968, a sheet pile bulkhead for the pier was completed.
- In 1988, the former Maritime Center building was built atop Pier 7.

Character Defining Features

- Based on the description of Pier 7 provided in Fung Associates Inc.'s *Honolulu Harbor Historic Structures Report*, its reinforced concrete structural system is a character defining feature.

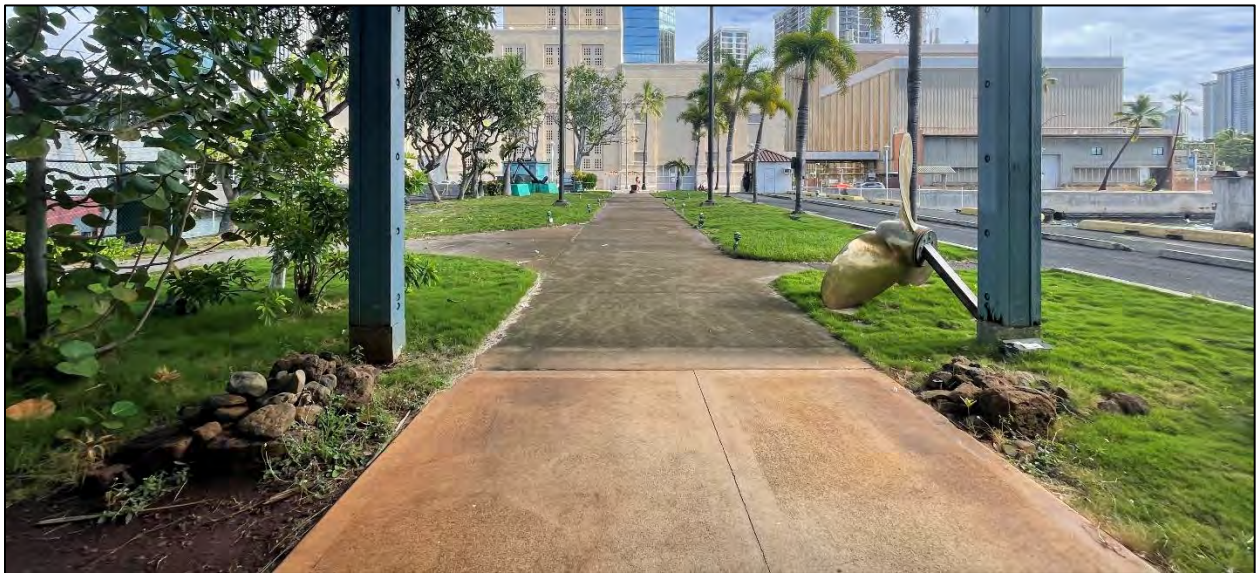


Figure 29. Top of Pier 7, camera facing northeast (MASON, 2024).



Figure 30. Southeast side of Pier 7, camera facing northwest (MASON, 2024).



Figure 31. Northwest side of Pier 7, camera facing southwest (MASON, 2024).



Figure 32. Southeast side of Pier 7, camera facing west (MASON, 2024).

Former Maritime Center (1988)



Figure 33. Northeast facade of former Maritime Center, camera facing southwest (MASON, 2024).

The former Maritime Center is a three-story building. It is not considered a historic property as it was completed in 1988. Originally known as the “Kalākaua Boat House,” it is sited atop Pier 7, has a rectangular plan, concrete foundation, and a standing seam metal-clad gable-on-hip roof with intersecting gables at the front (east), north, and south facades. Along its south façade is a large inset lanai on the first floor. At the northern side of the building is a tall, attached viewing platform with a square plan and a hipped roof. The platform projects from the building’s northern wall beginning at an upper floor.

Alterations

- Since the Maritime Center closed, the windows and second-floor lanai on the south façade have been covered with plywood.



Figure 34. Northeast facade of former Maritime Center, camera facing west (MASON, 2024).



Figure 35. Northwest façade of former Maritime Center, camera facing southwest (MASON, 2024).



Figure 36. Southeast and northeast facades of former Maritime Center, camera facing northwest (MASON, 2024).

HECO Honolulu Power Plant Units 5 (1930) and 7 (1920-ca. 1924)



Figure 37. Southwest facades of HECO Honolulu Power Plant, Unit 5 (left) and Unit 7 (right), camera facing northeast (MASON, 2024).

The HAER Report for the HECO Honolulu Power Plant provides the following details on Units 5 and 7:

PART II. Structural/ Design/ Equipment Information

A. General Statement

1. Character

The HECO Power Plant Unit 5 & 7 and the Leslie A. Hicks Power Plant are large industrial buildings with modest architectural detailing. All have flat roofs and rectangular massing. Unit 5 and Unit 7 have a complex, multi-level roof. They were built with arched window openings, clerestory windows, roof parapets, belt courses, and a narrow projecting cornices below the top of the parapets. Although greatly altered, vestiges of some of these features are still visible. One trait of these two buildings that remains intact is the approximate 8'-6" high plinth with a distinctive outward flare at the top. The Hicks Plant is a slightly taller building than Units 5 & 7, and its rectangular massing is made more pronounced by the simpler, three level roof and the original full height louver panels on three sides of the building.

2. Condition of fabric

All buildings are in good condition and appear structurally sound. They appear to have been well maintained. Windows and doors in Units 5 & 7 have typically been replaced and are in good condition. No deteriorated or weathered areas were noted on the buildings' exteriors.

C. Description of Exterior

1. Overall dimensions

Unit 5 & 7 has an irregular rectangular footprint with overall dimensions of about 150' x 252' with its longest dimension fronting Aloha Tower Drive. About 192' of this length along Aloha Tower Drive comprises Unit 7. Unit 5 is about 60' long fronting Aloha Tower Drive and it widens to about 75' long at its east side. The multi-level roof of this building has a height at the parapet of about 78' above street level. Portions of the roof at the northwest corner and at the south end are lower, at about 60'. There are two penthouses that are about 24' above the parapet height, to 102' above street level. The Hicks Plant has a rectangular footprint that measures about 222' x 130' long (extending along Aloha Tower Drive). The 222' depth of the building (extending back from Aloha Tower Drive) is divided into three sections with different roof heights. At Aloha Tower Drive the building has an approximate 28' high entry section that extends back about 18' from the street. The building's roof level then increases to about 65' at the middle portion of the building, which is about 108' in depth x 130' in width. The east portion of the Hicks Plant building is tallest at about 108' in height and measures about 96' in depth x 130' in width. Projecting above the east portion are two smokestacks that have been constructed to a height of about 160' above street level. An approximate 60' wide driveway separates the Hicks Plant from Unit 7. A gangway enclosed with corrugated siding, and two ducts extend between these buildings about 18' above driveway level.

2. Foundations

No engineering plans were located for this report that provide information on the buildings' foundations. However, because of the heavy equipment these building were designed to contain, it is assumed that their concrete slab floors are supported by concrete piles or footings.

3. Walls

Unit 5 and Unit 7 have concrete exterior walls that are painted. Two simple belt courses go around the building at about 12' and 40' above the street level. The building has a water table that extends up about 9'-6" above street level. The top 1'-6" of this feature is flared out slightly and the bottom 2' projects out about 3" forming a plinth with a cavetto contoured top edge.

4. Structural system, framing

Units 5 and 7 are built with reinforced concrete frames. Unit 7 has a steel truss-framed roof.³⁴ ...

6. Openings

a. Doorways and doors:

Facing the streets, Unit 5 and Unit 7 have large scale door openings that are enclosed with chain-link fencing to provide security and ventilation inside the building.

All side and rear facades of the buildings feature equipment and pedestrian doors of varying configurations that could not be closely examined due to lack of access.

b. Windows and shutters: Unit 5 and Unit 7 have all window openings on the street facing facades filled with either solid panels, louver vent panels, or grid-pattern perforated grilles. At the rear sides, Unit 5 and Unit 7 have various windows and vents that could not be examined due to lack of access.

³⁴ HECO. Historic photos from HECO archives. Various dates.

7. Roof

a. Shape, truss type, covering: Units 5 and 7, and the Hicks Plant have flat roofs. The roof of Unit 7 is supported by steel trusses. All buildings are presumed to have built-up roofs.

b. Cornice, eaves: Units 5 and 7 have thin, rectilinear cornices at the top of the parapets.

c. Monitors:
The south portion of the Unit 7 building has a sloped roofed monitor that extends northeast to southwest near the centerline of this section of the building.³⁵

It should be noted that details concerning the Hicks Plant have been omitted from the previous excerpt as it falls outside the project area.

Alterations

Alterations to Unit 5 are summarized in the HAER report as follows:

After the 1930 construction of Unit 5, changes in the fenestration of Unit 5 and Unit 7 appear to have been undertaken on the two facilities as one. The dates and configurations for these alterations can only be approximated from available historic photos. Sometime between 1935 and 1945, many of the large, vertically-oriented window openings that originally contained multi-light sash were in-filled. The five openings at the center of the southwest façade of the Unit 5 and Unit 7 building appear to have remained unaltered, except for a large loading or freight doorway added at the bottom of the northern-most opening. Most of the remaining vertical openings received solid panels with louvers at the top and bottom, as did smaller openings on the northwest (rear) side of the building. By 1955, some of these smaller openings had been changed back to louvers filling the entire opening.

Sometime after 1958 solid panels with rectangular sections of fixed orthogonal grilles filled the five openings at the center of the southwest façade and smaller openings in the roof penthouses.³⁶

Alterations to Unit 7 are summarized in the same document as follows:

...modifications were made in 1944 which altered the roof configuration. It was raised about 25' and a penthouse (footprint about 50' x 50') was added above the new boiler. In addition, the original smokestacks which protruded through the roof near the northeast edge were removed and new stacks built nearer to the center of the building, above the location of the two boilers. The original stacks were very tall, extending about 180' above the original building roof. The 1944 stacks were much shorter, only reaching about 75' above the height of the original building roof.³⁷

³⁵ MASON (Dee Ruzicka), "Hawaiian Electric Company, Honolulu Power Plant," HAER No. HI-139, Historic American Engineering Record (HAER), National Park Service, U.S. Department of the Interior, October 2017, 13-16.

³⁶ *Ibid.*, 12.

³⁷ *Ibid.*, 11.



Figure 38. Northwest and southwest facades of HECO Honolulu Power Plant, Unit 5 (foreground) and Unit 7 (background), camera facing southeast (MASON, 2024).



Figure 39. Northwest facades of HECO Honolulu Power Plant, Unit 5, camera facing south southeast (MASON, 2024).



Figure 40. Northeast and northwest facades of HECO Honolulu Power Plant, Unit 7 (background) and Unit 5 (foreground), camera facing south (MASON, 2024).



Figure 41. Northeast and northwest facades of HECO Honolulu Power Plant, Unit 7 (left) and Unit 5 (right), camera facing south southwest (MASON, 2024).



Figure 42. Northeast facades of HECO Honolulu Power Plant, Unit 7 (left) and Unit 5 (right), camera facing southwest (MASON, 2024).



Figure 43. Southwest facades of HECO Honolulu Power Plant, Unit 7 (foreground) and Unit 5 (background), camera facing northeast (MASON, 2024).



Figure 44. Southeast and southwest facades of Hicks Power Plant (foreground, not part of the project or survey area) and HECO Honolulu Power Plant, Unit 7 (background), camera facing northeast (MASON, 2024).

Evaluation of Significance and Integrity

Research undertaken during the development of the Draft NRHP Registration Form and HAER documentation for the HECO Honolulu Power Plant, the Honolulu Harbor RLS, and this RLS shows that Units 5 and 7 of the HECO Honolulu Power Plant and Pier 7 are historic properties as they are over 50 years of age. They were assessed for significance in keeping with HAR §13-284-6 and §13-275-6 Criteria a-d. (MASON is not a qualified ethnographer that meets the qualifications in HAR Chapter 13-281 and did not evaluate the properties for Criterion “e” significance).

Pier 7

MASON’s evaluation for Pier 7 is as follows:

Significance

- Criterion “a” – Per the Honolulu Harbor RLS Report, “Pier 7 is a contributing pier under [NRHP] Criterion A for its association with the development of the Harbor.”³⁸ Therefore, it meets HAR §13-275-6 Criterion “a”. The pier was constructed during the Board of Harbor Commissioner’s campaign starting in the 1910s to rebuild all wood piers in concrete. This pier’s use of reinforced concrete was consistent with the Board of Harbor Commissioner’s policy “to make all waterfront improvements in so far as possible with the funds available, of a substantial permanent nature.”³⁹
- Criterion “b” – Pier 7 does not meet HAR §13-275-6 Criterion “b” since it has no known association with the “lives of persons important in our past.”
- Criterion “c” – Pier 7 meets HAR §13-275-6 Criterion “c” because it embodies the distinctive characteristics of a type of construction. It is one of a few remaining examples of the harbor’s early reinforced concrete piers.
- Criterion “d” – Pier 7 does not meet HAR §13-275-6 Criterion “d” since it is not known for having “yielded, or [being] likely to yield, information important in prehistory or history.”

Integrity

Pier 7 retains its integrity in keeping with HAR §13-275-6 integrity requirements. There are some changes, as noted below, that detract from the pier’s integrity of setting and materials.

- Location – Pier 7 has not been moved. Therefore, it retains its integrity of location.
- Design – Pier 7 retains its integrity of design. Its features, including its concrete retaining slip walls, concrete piles, and a concrete decked breasting platform are still intact.
- Setting – Pier 7 does not retain its integrity of setting. The configuration and density of the waterfront and harbor has changed significantly since Pier 7 was initially constructed. Additionally, the historic structure that once sat atop Pier 7 was demolished in the early

³⁸ Fung Associates Inc., *Honolulu Harbor Historic Structures Assessment Report*, 129.

³⁹ Report of the Superintendent of Public Works to the Governor of the Territory of Hawaii for the year ending June 20, 1914, 201 in Fung Associates Inc., *Honolulu Harbor Historic Structures Assessment Report*, 21.

1960s to make way for a parking area. The parking area was later redeveloped with the former Maritime Center building in the late 1980s.

- Materials – Pier 7 partially retains its integrity of materials. While it had previously been topped with coral, the pier was paved in the early 1960s to create a parking lot. Despite that change, it is still discernable as a reinforced concrete pier.
- Workmanship – Pier 7 retains the elements that make it discernable as a reinforced concrete pier constructed in the 1920s. Therefore, it retains its integrity of workmanship.
- Feeling – Although the setting of the nearby waterfront has changed, the area is still actively used as a harbor and that feeling remains. Additionally, Pier 7 still conveys the aesthetic of a maritime structure constructed of reinforced concrete from the 1920s. Therefore, Pier 7 retains its integrity of feeling.
- Association – Pier 7 continues to function as an important component of the harbor’s maritime infrastructure. Therefore, it retains its integrity of association.

Former Maritime Center

The former Maritime Center is not a historic property because it is less than 50 years old. It cannot meet HAR §13-275-6 significance and integrity criteria.

HECO Honolulu Power Plant Units 5 and 7

MASON’s evaluation for the HECO Power Plant Units 5 and 7 is as follows:

Significance

- Criterion “a” – Units 5 and 7 are not significant under Criterion “a” due to loss of integrity. If they retained sufficient integrity, they would be significant under this criterion for their association with HECO’s long-term electric power generation infrastructure. Because the buildings have been altered, as described in previous sections, they are no longer recognizable for their associations with HECO’s generation of electric power in Honolulu in the 1920s and ‘30s.
- Criterion “b” – Units 5 and 7 do not meet Criterion “b” since they have no known association with the “lives of persons important in our past.”
- Criterion “c” – Units 5 and 7 are not significant under Criterion “c” due to loss of integrity. If they retained sufficient integrity, they would be significant under this criterion as examples of 1920s and ‘30s industrial buildings with Classical influences, including arched openings with keystones, a cornice, pilasters, and wall bases. Alterations described in previous sections have removed important character defining features and changed the buildings height and overall massing. Details, including original fenestration, which would have distinguished them as industrial buildings dating from the 1920s and ‘30s, have been changed numerous times outside their periods of significance. Additionally, classically inspired details, such as the cornice, have been removed.
- Criterion “d” – Units 5 and 7 do not meet Criterion “d” since they are not known for having “yielded, or [being] likely to yield, information important in prehistory or history.”

Integrity

Per the Draft NRHP Registration Form for HECO Honolulu Power Plant, Units 5 and 7 are “non-contributing resources as are the other building and structures within the HECO property.”⁴⁰




Therefore, they do not retain integrity in keeping with HAR §13-284-6 integrity requirements.

There are several changes noted below that detract from their integrity of design, setting, materials, workmanship, feeling, and association:

- Location – Integrity of location is retained as the HECO Honolulu Power Plant has not been moved.
- Design – Units 5 and 7 do not retain their integrity of design. The buildings have been altered since their construction in the 1920s and '30s, removing character defining features, including original windows, doors, cornices, and smokestacks. Additionally, the roof configuration of Unit 7 has been changed (its height has been increased, altering its overall massing and scale).
- Setting – Units 5 and 7 do not retain their integrity of setting. The configuration and density of the waterfront has changed since they were initially constructed: new roads were built, buildings in downtown have increased in height, and south of the plant, low transit sheds have been transformed into the open, planted area and parking lot.
- Materials – Units 5 and 7 partially retain their integrity of materials. Their concrete walls are still apparent; however, original windows and doors have been removed.
- Workmanship – Units 5 and 7 have been altered in a manner that make their original workmanship difficult to discern (there are no original windows to provide clues about original window types or configurations, likewise, there are no original smokestacks). Therefore, they do not retain integrity of workmanship.
- Feeling – Units 5 and 7 were originally constructed by HECO to produce electric power. Their industrial nature is still apparent; however, their integrity of feeling has been diminished by changes to their setting and loss of the physical features that conveyed their historic character.
- Association – Unit 5 was decommissioned in 1982 and Unit 7 in the following year. Although they are currently vacant they retain some elements (including their industrial appearance and relationship to the larger Honolulu Power Plant) that convey their integrity of association.

⁴⁰ MASON, Draft NRHP Registration Form, HECO Honolulu Power Plant, 4.

Table 1: Significance Evaluation and Integrity Assessments

Name/Address/TMK/Photo	Year Built	Evaluation of Significance (HAR §13-284-6 and §13-275-6)	Integrity Assessment* (HAR §13-284-6 and §13-275-6)
Pier 7 – Aloha Tower Dr. TMK (1) 2-1-001:058 	1922-27	Meets Criterion “a” for its association with the development of Honolulu Harbor. The pier was built during the Board of Harbor Commissioner’s campaign beginning in the 1910s to rebuild the harbor’s wood piers in concrete. Meets Criterion “c” because it is one of a few remaining examples of Honolulu Harbor’s early reinforced concrete piers.	Retains integrity of L, D, W, F, and A. Partially retains integrity of M. Does not retain integrity of S.
Former Maritime Center – Aloha Tower Dr. TMK (1) 2-1-001:058 	1988	This is not a historic property. It is less than 50 years old. It cannot meet HAR §13-275-6 significance and integrity criteria.	N/A
HECO Power Plant Units 5 and 7 – 170 Aloha Tower Dr. TMK (1) 2-1-014:006 (por.) 	1920–ca. 1924 (Unit 7) and 1930 (Unit 5)	Units 5 and 7 are not significant due to a loss of integrity. They no longer convey their periods of significance. While they are associated with HECO’s generation of power in the 1920s and ‘30s, alterations made outside their periods of significance have impaired their integrity.	Retains integrity of L. Partially retains integrity of M and A. Does not retain integrity of D, S, W, and F.

*Integrity assessments provided in the table are abbreviations for the aspects of integrity specified in HAR §13-284-6 and §13-275-6. The seven aspects of integrity are:

- L = Location
- D = Design
- S = Setting
- M = Materials
- W = Workmanship
- F = Feeling
- A = Association

Evaluation of Effect on Historic Properties

For a detailed description of the proposed Tradewinds Garden and Glass Museum project, refer to the Early Consultation Package in Appendix D. In general, the project proposes to renovate Units 5 and 7 of the HECO Honolulu Power Plant and the former Maritime Center for reuse.

For Units 5 and 7, proposed uses include glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. Alterations associated with the proposed uses will primarily occur on the interior, with limited exterior alterations involving cleaning the buildings, installation of signage at locations yet to be determined, and replacement of existing louvers and windows in-kind or similar, replacement of non-original garage doors on the makai and Irwin Park-facing facades with glazed doors and entrance features. Most of the adjacent site features will be retained with changes to the site potentially involving:

- Expanding the sidewalk and adding landscaping or planters to the Irwin Park side of the building.
- Repairing or repaving the approach to the building from the corner of Ala Moana Boulevard and Bishop Street.
- Repairing or repaving the driveway along the mauka side of the building.
- Reconstructing the sidewalk and landscaped area along the makai side of the building.

For the former Maritime Center (built in 1988), proposed uses include a bookstore/lobby, deck areas, a bar, and a restaurant. The building's same basic massing will be retained with exterior alterations potentially including:

- Renovating the first several bays on the mauka end.
- Reconstructing several bays on the makai end with large, glazed openings. The bays on this end of the building are beyond repair.
- Recladding the building with a material that is yet to be determined.
- Replacing the windows.
- Repairing and retaining the tower.

Potential alterations to the site/Pier 7 include:

- Adding new gardens to the mauka and makai ends of the pier.
- Reconstructing the wooden portion of the pier (a non-historic addition) on the Aloha Tower side.
- Adding planters to the Diamond Head side of the pier.

Criteria Used for Evaluations of Effect

The proposed project was evaluated for its effects on the integrity of historic properties against HAR §13-284-7 and §13-275-7 criteria. See Appendix C for more information.

HAR §13-284-7 and §13-275-7 - "Determining effects to significant historic properties" describes effects on historic properties as follows:

Effects include, but are not limited to, partial or total destruction or alteration of the historic property, detrimental alteration of the properties' surrounding

environment, detrimental visual, spatial, noise or atmospheric impingement, increasing access with the chances of resulting damage, and neglect resulting in deterioration or destruction.

Further, HAR §13-284-7 and §13-275-7 - "Determining effects to significant historic properties" explains that one of two effect determinations must be established; "No historic properties affected" or "Effect, with agreed upon mitigation commitments."

Evaluations of Effect Findings

Based on the project information provided to MASON by WOC, it is MASON's opinion that the proposed project will result in a "No historic properties affected" finding under HAR §13-284-7 and §13-275-7, as follows:

Pier 7

For Pier 7, it is assumed that the proposed project will result in a "No historic properties affected" finding, based on the project description provided to MASON by WOC. The project is not likely to substantially change Pier 7's setting (minor site improvements are proposed—new landscaping/gardens are proposed within existing landscaped or grassy areas). This determination assumes that the massing, scale, and materials of the former Maritime Center will not be substantially changed by the proposed project.

HECO Honolulu Power Plant Units 5 and 7

For Units 5 and 7 of the HECO Honolulu Power Plant, which are evaluated as not meeting HAR §13-284-6 significance and integrity criteria, the proposed work will not result in effects to significant historic properties.

Mitigation Recommendations

HAR §13-284-8 and §13-275-8 – Mitigation (a) provides four types of mitigation accepted by the SHPD for an architectural resource. These are Preservation, Architectural Recordation, Historical Data Recovery, and Ethnographic Documentation. See Appendix D.

For this project, no mitigation is recommended for Pier 7 or HECO Honolulu Power Plant Units 5 and 7 due to the proposed finding of "No historic properties affected."

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Appendices

Appendix A – HAR §13-284-6 and §13-275-6 Criteria for Evaluation

Hawai'i Administrative Rules (HAR) §13-284-6 and §13-275-6, Evaluation of Significance, explains that "to be significant, a historic property shall possess integrity of location, design, setting, materials, workmanship, feeling, and association and shall meet one or more of the following criterion:"

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. That are associated with the lives of significant persons in our past; or
- c. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a distinguishable entity whose components may lack individual distinction; or
- d. That have yielded or may be likely to yield, information important in history or prehistory;
- e. Has an important value to the native Hawaiian people or to another ethnic group of the state due to association with cultural practices once carried out, or still carried out at the property; or due to associations with traditional beliefs, events or oral accounts – these associations being important to the group's history and cultural identity (similar traditional cultural significance for NRHP)

Appendix B – HAR §13-284-7 and §13-275-7 Determining Effects to Historic Properties

The following is an excerpt from HAR §13-284-7 and §13-275-7:

(a) The effects or impacts of a project on significant properties shall be determined by the agency. Effects include direct as well as indirect impacts. One of the following effect determinations must be established:

(1) "No historic properties affected". The project will have no effect on significant historic properties; or

(2) "Effect, with proposed mitigation commitments". The project will affect one or more significant historic properties, and the effects will be potentially harmful. However, the agency has proposed mitigation commitments involving one or more forms of mitigation to reasonably and acceptably mitigate the harmful effects.

(b) Effects include, but are not limited to, partial or total destruction or alteration of the historic property, detrimental alteration of the properties' surrounding environment, detrimental visual, spatial, noise or atmospheric impingement, increasing access with the chances of resulting damage, and neglect resulting in deterioration or destruction.

Appendix C – HAR §13-284-8 and §13-275-8 Mitigation

According to HAR §13-284-8 and §13-275-8, mitigation for an architectural resource may take the form of one or more of the following:

- A. Preservation. Preservation may include avoidance of the effect and protection, rehabilitation, restoration, or reconstruction.
- B. Architectural Recordation. Recordation involves the photographic documentation and possibly the measured drawing of a building, structure or object prior to its alteration. Architectural recordation plans and photos shall meet the minimal standards as provided by Historic American Building Survey (HABS).
- C. Historical Data Recovery. Data recovery involves researching historical source materials to document an adequate and reasonable amount of information about the property when a property will be altered or destroyed.
- D. Ethnographic Documentation. Ethnographic documentation consists of interviewing knowledgeable individuals and researching historical materials to document an adequate and reasonable amount of information about the property.

Appendix D – Proposed Work

ENVIRONMENTAL ASSESSMENT EARLY CONSULTATION PACKAGE

Tradewinds Garden and Glass Museum

Honolulu, O'ahu, Hawai'i
TMKs: [1] 2-1-014:006,
[1] 2-1-001:057 and 58

Prepared For:
Garden Art, LLC

Prepared By:
Wilson Okamoto Corporation

TRADEWINDS GARDEN AND GLASS MUSEUM
Environmental Assessment Early Consultation Package

1. CHAPTER 343, HAWAI'I REVISED STATUTES REQUIREMENTS

Garden Art, LLC (herein referred to as the Applicant) is proposing to develop the Tradewinds Garden (herein referred to as the Proposed Project) at Pier 7 in Honolulu, on the island of O'ahu, near the Aloha Tower Marketplace.

Under HRS § 343-5(e), whenever an applicant proposes an action specified by Hawai'i Revised Statutes (HRS) Section 343-5(a) that requires approval of an agency, and that action is not declared exempt under HRS Section 343-6, the applicant must engage in the environmental review process set forth under Chapter 343. The implementation of the Proposed Project will require an Environmental Assessment (EA) due to the use of State lands, administered by the State of Hawai'i Department of Transportation - Harbor Division (HDOT-H), pursuant to §343-5 (1), Hawai'i Revised Statutes (HRS), *"Propose the use of state or county lands or the use of state or county funds, other than funds to be used for feasibility or planning studies for possible future programs or projects which the agency has not approved, adopted, or funded, or funds to be used for the acquisition of unimproved real property; provided that the agency shall consider environmental factors and available alternative in its feasibility of planning studies."*

This Early Consultation Package constitutes the first step in the EA process leading towards compliance with environmental review documentation requirements as outlined under Chapter 343, HRS. The Early Consultation Package is intended to serve as a vehicle to notify stakeholders of the commencement of the preparation of the EA for the Proposed Project as well as to solicit scoping input in relation to the assessment of the Proposed Project against a host of environmental resource criteria. The forthcoming EA will be prepared in accordance with Title 11, Chapter 200.1, Hawai'i Administrative Rules (HAR), as an "Applicant Action" which will include an assessment of potential environmental, social, cultural, and economic impacts associated with the Proposed Project. In accordance with § 11-200.1-7(d)(5), the HDOT-H will be the determining agency as they have the most land involved in the action. Pursuant to HRS §343-5(b), the HDOT-H will be the responsible for determining the significance of potential environmental impacts and processing the EA.

2. PROJECT LOCATION AND SURROUNDING REGION

The Proposed Project spans two primary areas: Pier 7 of Honolulu Harbor and Units 5 and 7 of the Honolulu Power Plant, collectively denoted as the Project Site (refer to Figure 1).

The State of Hawai'i holds the record fee ownership of Pier 7, identified as Tax Map Key (TMK) parcels [1] 2-1-001:057 and 58, which together cover a combined approximate area of 9.6 acres or approximately 423,054 square feet (sf) (see Figure 2A and 2B). The Aloha Tower Development Corporation (ATDC) serves as the lessee of Pier 7. Established in 1981, ATDC oversees the redevelopment of State-owned properties along the Downtown Honolulu waterfront.

Hawaiian Electric Co Inc (HECO) is the record fee owner of the Honolulu Power Plant, identified by TMK parcel [1] 2-1-014:006, which covers an area of approximately 3.4 acres or approximately 149,644 sf (see Figure 2C).

TRADEWINDS GARDEN AND GLASS MUSEUM
Environmental Assessment Early Consultation Package

The Pier 7 portion of the Project Site is situated east of Aloha Tower, and is the current location of the now derelict Hawai'i Maritime Center, which was formerly operated by the Bishop Museum. The Maritime Center held the distinction of being one of the State's most popular museums from its opening in 1988 till its closure in 2009. Functioning as an educational and cultural resource, the museum played a crucial role in celebrating and preserving Hawai'i's rich maritime history. The Maritime Center showcased a varied array of items, including historical photographs, scale models, and a rich assortment of artifacts spanning from the era of ancient Polynesian mariners, to the arrival of Captain Cook, the flourishing whaling industry, the golden age of transpacific passenger line transit, up to the present day. Notably, the museum is home to the Falls of Clyde, a vessel constructed in 1878 for the oil industry and once designated as a National Historic Landmark. Following the cessation of operations, and years of dereliction as a maritime heritage site, the current state of the museum reflects significant deterioration and decay. In 2023, the HDOT-H delisted the Falls of Clyde from the Hawai'i Register of Historic Places to allow for the redevelopment of Pier 7. It is anticipated that the Falls of Clyde will be relocated back to Scotland where it was originally constructed.

The Old Honolulu Power Plant sits at the intersection of Bishop Street and Aloha Tower Drive, with limited direct access to Ala Moana Boulevard. The Honolulu Power Plant was originally constructed in the 1920's to enhance electricity supply to O'ahu, housing power-generating units and associated hardware. It was further expanded and commissioned as the Leslie A. Hick's Honolulu Power Plant in 1954. With the significant expansion of renewable energy generation and the buildout of Hawaiian Electric Company (HECO) infrastructure elsewhere on Oahu, the Honolulu Power Plant was decommissioned in 2014, along with other oil-fired units around the island. Since its deactivation, the site has remained largely vacant and underutilized.

The Project Site is situated at the southern end of O'ahu's central business district which is home to a number of important historical and cultural landmarks (See Figure 3). Adjacent to the Project Site is Honolulu Harbor to the northwest, Aloha Tower Marketplace (including the Aloha Tower historical landmark) / Hawai'i Pacific University to the southwest, Irwin Memorial Park to the southeast, HDOT-H headquarters and working piers to the northeast. Moreover, there is an abundance of office space, multiple functioning cruise ship piers, and ample parking space within walking distance of the Project Site. Important landmarks such as the 'Iolani Palace, Ali'iolani Hale, and the Hawai'i State Capital are also relatively near the project site, approximately 0.5 miles to the northeast. Access to the Project Site is provided by Nimitz Highway/Ala Moana Boulevard via Bishop Street and Aloha Tower Drive.

The Project Site is also situated near Honolulu's Arts District which is approximately 0.25 miles northwest. The Arts District feature shops, theaters, nightclubs, restaurants, and various galleries showcasing collections of art such as authentic Hawaiian paintings, textiles, and glass-blown pieces. The Project Site also lies near the Our Kaka'ako neighborhood which is approximately 0.5 miles to the east. Our Kaka'ako is a community consisting of nine city blocks within the Kaka'ako neighborhood, centered around art. It showcases a collection of local and global artists' original murals with the goal of sharing creativity, beautifying the community, and bringing people together.

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The Project Site parcels are situated within the City and County of Honolulu (CCH) B-2 Community Business District and the Kaka'ako Community Development District (Kak) (See Figure 4) and the Pier 7 site is also located within the Hawai'i Capital Special District (See Figure 5).

3. PROJECT DESCRIPTION

The Proposed Project encapsulates the Applicant's vision for revitalizing both the Pier 7 and Honolulu Power Plant sites, as well as catalyzing the activation of the Downtown Waterfront at large. This vision is centered on embracing and celebrating creativity and the arts, with a core emphasis on a comprehensive commitment to thoughtful and adaptive reuse. The anticipated improvements entail interior modifications to facilitate the establishment of a garden and glass art museum, complemented by various additional features. Minimal exterior enhancements and modifications are also anticipated. The renovated Honolulu Power Plant will be designed to preserve its outer shell and historic architectural features, providing interior space for glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. The Maritime Center structure is slated for renovation, and aims to showcase five gardens designed to emulate native Hawaiian vegetation. Additionally, the Maritime Center is anticipated to feature a bookstore/lobby, deck areas, a bar, and a restaurant.

One of the central objectives of the Proposed Project is to serve as an educational resource catering to students, tourists, artists, and the general public. To realize this objective, the project will institute programs specifically crafted to impart knowledge about the science of art and glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive educational experience in these fields. Additionally, the Proposed Project aims to engage the community by offering a diverse range of classes, demonstrations, and excursions, inviting both visitors and residents to participate and enhance their understanding of art and glass artistry. Moreover, maritime related themes and stories will be woven into Project programming and exhibits.

In addition to its educational role, the Proposed Project aspires to serve as an creative / artistic incubator, providing a space for artists to introduce various types of art into the Project Site to foster business growth.

The overall design themes for the Project Site are anticipated to center around the adaptive re-use of both the existing Maritime Center and the Honolulu Power Plant. The vision for the existing Maritime Center incorporates tropical wood and shuttering features to achieve a harmonious aesthetic. In contrast, the design approach for the adaptive re-use of the Honolulu Power Plant emphasizes minimal exterior treatments, directing attention to the building's walls, floors, and structural steel.

Fundamentally, the Project's design aims to craft an immersive visual experience, conveying the historical significance of the site by seamlessly integrating local stories into overarching, design-driven themes.

4. PURPOSE AND NEED

As previously discussed, the Maritime Center, now in a state of disrepair, ceased operations in 2009, resulting in significant decay and deterioration of on-site facilities. Similarly, the decommissioning of the Honolulu Power Plant occurred in 2014. These closures have left a void of inactivity in the waterfront area, presenting an opportunity and a demand for the revitalization and activation of these two specific sites.

The Proposed Project is poised to transform and modernize the area into a vibrant cultural destination by establishing a contemporary garden and glass art attraction, drawing inspiration from the Chihuly Garden and Glass Museum in Seattle. Through the creation of an immersive experience that celebrates cultural heritage and artistic expression, the project aims to breathe new life into the waterfront. This revitalization offers residents and visitors a unique space that seamlessly merges art, education, and the scenic beauty of the waterfront.

The Proposed Project is set to introduce glass art galleries, gardens, educational facilities, and additional complementary features, fostering a supportive environment for both local and international artists, as well as established and emerging talents. This initiative aims to significantly contribute to the promotion and expansion of creative arts in Hawai'i. Furthermore, the Project is anticipated to stimulate economic growth by drawing residents and visitors to the waterfront area, potentially attracting additional businesses and creating new opportunities for the local community.

Beyond its economic impact, the Proposed Project is positioned as an educational hub, offering programs designed to impart knowledge about the science of art and glass art. Simultaneously, it seeks to honor the historical significance of the site, creating a space that commemorates the past while fostering creativity and innovation for the future.

In summary, the goals and objectives of the Proposed Project are to:

- Align the Proposed Project with the Honolulu Waterfront Master Plan and development objectives of the ATDC;
- Revitalize and modernize the existing Maritime Center and the Honolulu Power Plant into a garden and glass art attraction to provide a variety of experiences at the water's edge;
- Foster and promote visual art and creative expression;
- Showcase Dale Chihuly's signature glass art collection and various pieces of art; and
- Serve as an educational resource by implementing programs, classes, demonstrations, and excursions designed to educate all segments of the population about the science of art and glass art.

5. PROJECT TIMELINE

Following design and permitting, and construction of the Proposed Project is anticipated to start in **Q4 of 202X** with the Proposed Project operating in **QX of 202X**.

6. CONSULTATION

This Early Consultation Package constitutes the first step in the EA process and is intended to notify stakeholders of the commencement of the preparation of an EA for the Proposed Project, as well as to solicit scoping input on the EA process.

This Early Consultation Package has been circulated to the following parties:

Federal Agencies

U.S. Environmental Protection Agency
U.S. Department of Interior, Fish and Wildlife Service
U.S. Army Corps of Engineers

Federal Representatives

Senator Mazie Hirono
Senator Brian Schatz
Representative Jill Tokuda
Representative Ed Case

State Agencies

Aloha Tower Development Corporation
Department of Accounting and General Services
Department of Business, Economic Development and Tourism (DBEDT)
DBEDT, Hawai'i State Energy Office
DBEDT, Land Use Commission
DBEDT, Office of Planning and Sustainable Development (OPSD)
DBEDT, Hawai'i Community Development Authority
DBEDT, Hawai'i Tourism Authority
OPSD, Environmental Review Program
Department of Defense
Department of Health (DOH)
DOH, Environmental Management Division
DOH, Hazard Evaluation and Emergency Response Office
DOH, Safe Drinking Water Branch
Department of Land and Natural Resources (DNLR)
DNLR, Office of Coastal and Conservation Lands
DNLR, Historic Preservation District
Department of Hawaiian Home Lands
Department of Transportation (HDOT)
DOT, Highways Division
DOT, Airports Division
Office of Hawaiian Affairs

State Representatives

Senator Karl Rhoads
Representative Scott K. Saiki

TRADEWINDS GARDEN AND GLASS MUSEUM
Environmental Assessment Early Consultation Package

City and County of Honolulu Agencies

Board of Water Supply
Department of Community Services
Department of Design and Construction
Department of Environmental Services
Department of Facility Maintenance
Department of Parks and Recreation
Department of Planning and Permitting
Department of Transportation Services
Honolulu Fire Department
Honolulu Police Department
Office of Climate Change, Sustainability, and Resiliency
Office of the Mayor

City Council

Councilmember Tyler Dos Santos-Tam

Utility Companies

Hawai'i Gas
Spectrum Hawai'i
Hawaiian Telecom
Hawaiian Electric Company

Other Interested Parties and Individuals

Hawai'i Pacific University

APPENDIX D

Honua Consulting. Cultural Assessment for the
Tradewinds Garden Project.



Cultural Assessment for the *Falls of Clyde* Removal Project
Honolulu, Kona District, O'ahu Island
TMKs: [1] 2-1-014:006, 2-1-001:057 and -058

Prepared for
Garden Art, LLC and Wilson Okamoto Corporation

Prepared by



April 2024

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Note on Hawaiian Language Use

In keeping with other Hawaiian scholars, we do not italicize Hawaiian words. Hawaiian is both the native language of the pae‘āina of Hawai‘i and an official language of the State of Hawai‘i. Some authors will leave Hawaiian words italicized if part of a quote; we do not. In the narrative, we use diacritical markings to assist our readers, except in direct quotes, in which we keep the markings used in the original text. We provide translations contextually when appropriate. Unless otherwise noted, all translations are by Honua Consulting authors.

Executive Summary

By request of Garden Art, LLC, and Wilson Okamoto Corporation, this cultural impact assessment (CIA) was written for the Tradewinds Garden and Glass Museum, located in Kona District, Tax Map Keys (TMKs): (1) 2-1-014:006, 2-1-001:057 and -058. The project area encompasses approximately 9.6 acres or approximately 423,054 square feet (sf). The Proposed Project encapsulates the Applicant's vision for revitalizing both the Pier 7 and Honolulu Power Plant sites, as well as catalyzing the activation of the Downtown Waterfront at large.

The Proposed Project encapsulates the Applicant's vision for revitalizing both the Pier 7 and Honolulu Power Plant sites, as well as catalyzing the activation of the Downtown Waterfront at large. This vision is centered on embracing and celebrating creativity and the arts, with a core emphasis on a comprehensive commitment to thoughtful and adaptive reuse. The anticipated improvements entail interior modifications to facilitate the establishment of a garden and glass art museum, complemented by various additional features. Minimal exterior enhancements and modifications are also anticipated. The renovated Honolulu Power Plant will be designed to preserve its outer shell and historic architectural features, providing interior space for glass art galleries, a hot shop for observing glass art creation, and a bookstore/lobby. The Maritime Center structure is slated for renovation and aims to showcase five gardens designed to emulate native Hawaiian vegetation. Additionally, the Maritime Center is anticipated to feature a bookstore/lobby, deck areas, a bar, and a restaurant.

One of the central objectives of the Proposed Project is to serve as an educational resource catering to students, tourists, artists, and the general public. To realize this objective, the project will institute programs specifically crafted to impart knowledge about the science of art and glass art. Local educators will collaborate to develop a curriculum for a program providing an immersive educational experience in these fields. Additionally, the Proposed Project aims to engage the community by offering a diverse range of classes, demonstrations, and excursions, inviting both visitors and residents to participate and enhance their understanding of art and glass artistry. Moreover, maritime related themes and stories will be woven into Project programming and exhibits.

In addition to its educational role, the Proposed Project aspires to serve as a creative / artistic incubator, providing a space for artists to introduce various types of art into the Project Site to foster business growth.

The overall design themes for the Project Site are anticipated to center around the adaptive re-use of both the existing Maritime Center and the Honolulu Power Plant. The vision for the existing Maritime Center incorporates tropical wood and shuttering features to achieve a harmonious aesthetic. In contrast, the design approach for the adaptive re-use of the Honolulu

Power Plant emphasizes minimal exterior treatments, directing attention to the building's walls, floors, and structural steel.

Fundamentally, the Project's design aims to craft an immersive visual experience, conveying the historical significance of the site by seamlessly integrating local stories into overarching, design-driven themes.

This survey thoroughly identified valued cultural, historical, and natural resources in the project area, including the extent to which traditional and customary Native Hawaiian rights are exercised in the project area. Perhaps the project site's most important historic use was as the site of Kalākaua's boathouse. Additionally, the traditional and customary rights practiced in the area were once extensive, as the area has a long history of significance to the Hawaiian people. There are no active traditional practices occurring in the project area, aside from occasional recreational fishing, and the potential for the project to impact practices is negligible.

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Abbreviations and Acronyms

AIS: Archaeological Inventory Survey

BMP: Best Management Practice

CIA: Cultural Impact Assessment

ESP: Environmental Review Project, Office of Planning and Sustainable Development

HAR: Hawaii Administrative Rules

HRHP: Hawaii Register of Historic Places

HRS: Hawaii Revised Statutes

ILK: Indigenous Local Knowledge

Ka Pa'akai: Ka Pa'akai O Ka 'Āina v. Land Use Commission, 94 Haw. 31 (2000)

LRFI: Literature Review and Field Investigation

NHPA: National Historic Preservation Act

NRHP: National Register of Historic Places

OEQC: Office of Environmental Quality and Control

OHA: Office of Hawaiian Affairs

SHPD: State Historic Preservation Division

SIHP: State Inventory of Historic Places

SLH: Session Laws of Hawaii

TCP: Traditional Cultural Property

TEK: Traditional Ecological Knowledge

TMK: Tax Map Key

USGS: U.S. Geological Survey

1.0 Project Description and Compliance

By request of Garden Art, LLC, and Wilson Okamoto Corporation, this cultural impact assessment (CIA) was written for the Tradewinds Garden and Glass Museum, located in Kona District, Tax Map Keys (TMKs): (1) 2-1-014:006, 2-1-001:057 and -058. The project area encompasses approximately 9.6 acres or approximately 423,054 square feet (sf). The Proposed Project encapsulates the Applicant's vision for revitalizing both the Pier 7 and Honolulu Power Plant sites, as well as catalyzing the activation of the Downtown Waterfront at large.

1.1 Project Description

The Proposed Project spans two primary areas: Pier 7 of Honolulu Harbor and Units 5 and 7 of the Honolulu Power Plant, collectively denoted as the Project Site (refer to Figure 1).

The State of Hawai'i holds the record fee ownership of Pier 7, identified as Tax Map Key (TMK) parcels [1] 2-1-001:057 and 58, which together cover a combined approximate area of 9.6 acres or approximately 423,054 square feet (sf) (see Figure 2A and 2B). The Aloha Tower Development Corporation (ATDC) serves as the lessee of Pier 7. Established in 1981, ATDC oversees the redevelopment of State-owned properties along the Downtown Honolulu waterfront.

Hawaiian Electric Co Inc (HECO) is the record fee owner of the Honolulu Power Plant, identified by TMK parcel [1] 2-1-014:006, which covers an area of approximately 3.4 acres or approximately 149,644 sf (see Figure 2C).

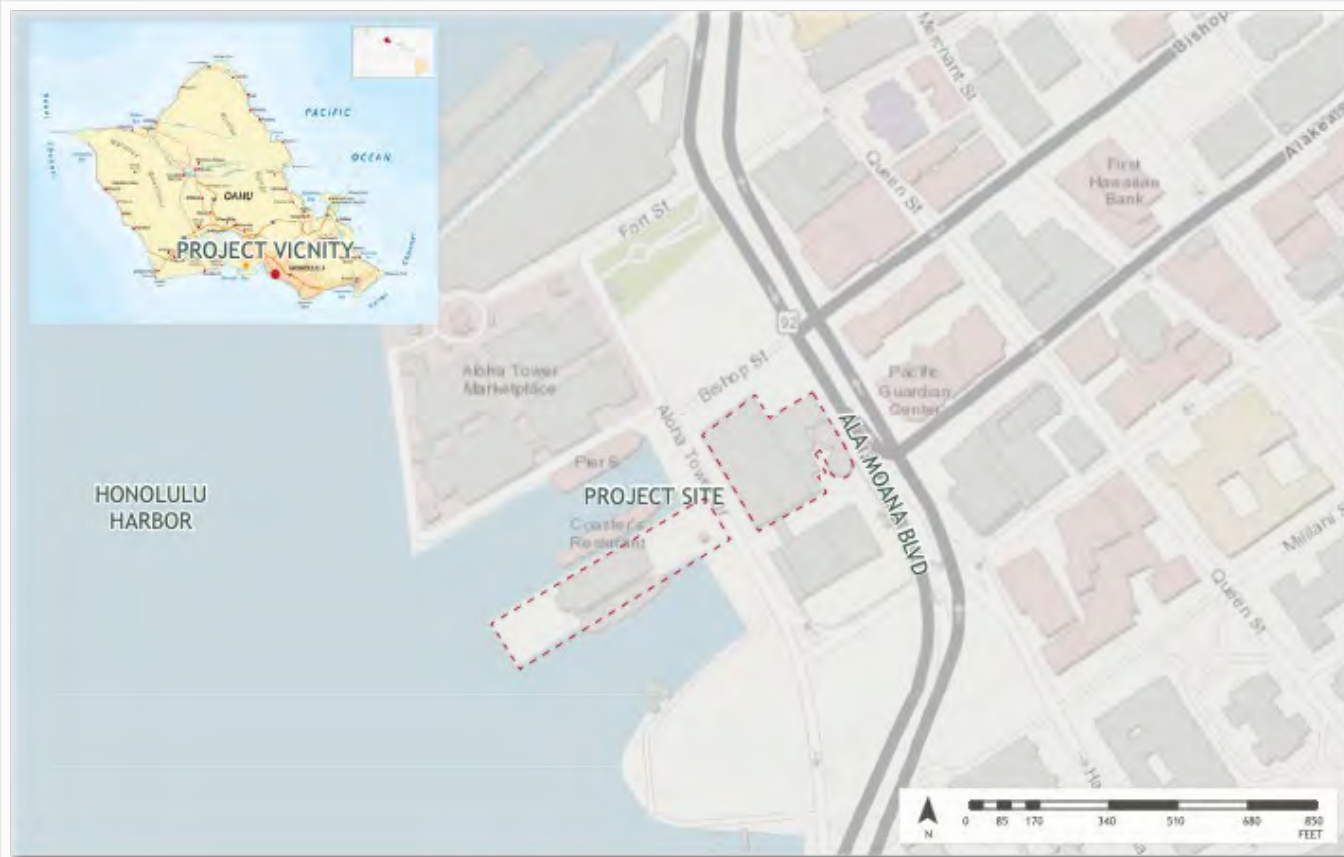
The Pier 7 portion of the Project Site is situated east of Aloha Tower, and is the current location of the now derelict Hawai'i Maritime Center, which was formerly operated by the Bishop Museum. The Maritime Center held the distinction of being one of the State's most popular museums from its opening in 1988 till its closure in 2009. Functioning as an educational and cultural resource, the museum played a crucial role in celebrating and preserving Hawai'i's rich maritime history. The Maritime Center showcased a varied array of items, including historical photographs, scale models, and a rich assortment of artifacts spanning from the era of ancient Polynesian mariners to the arrival of Captain Cook, the flourishing whaling industry, the golden age of transpacific passenger line transit, up to the present day. Notably, the museum is home to the Falls of Clyde, a vessel constructed in 1878 for the oil industry and once designated as a National Historic Landmark. Following the cessation of operations, and years of dereliction as a maritime heritage site, the current state of the museum reflects significant deterioration and decay. In 2023, the HDOT-H delisted the Falls of Clyde from the Hawai'i Register of Historic Places.

The Old Honolulu Power Plant sits at the intersection of Bishop Street and Aloha Tower Drive, with limited direct access to Ala Moana Boulevard. The Honolulu Power Plant was originally constructed in the 1920's to enhance electricity supply to O'ahu, housing power-generating units and associated hardware. It was further expanded and commissioned as the Leslie A. Hick's Honolulu Power Plant in 1954. With the significant expansion of renewable energy generation and the buildout of Hawaiian Electric Company (HECO) infrastructure elsewhere on Oahu, the Honolulu Power Plant was decommissioned in 2014, along with other oil-fired units around the island. Since its deactivation, the site has remained largely vacant and underutilized.

The Project Site is situated at the southern end of O'ahu's central business district which is home to a number of important historical and cultural landmarks (See Figure 3). Adjacent to the Project Site is Honolulu Harbor to the northwest, Aloha Tower Marketplace (including the Aloha Tower historical landmark) / Hawai'i Pacific University to the southwest, Irwin Memorial Park to the southeast, HDOT-H headquarters and working piers to the northeast. Moreover, there is an abundance of office space, multiple functioning cruise ship piers, and ample parking space within walking distance of the Project Site. Important landmarks such as the 'Iolani Palace, Ali'iolani Hale, and the Hawai'i State Capital are also relatively near the project site, approximately 0.5 miles to the northeast. Access to the Project Site is provided by Nimitz Highway/Ala Moana Boulevard via Bishop Street and Aloha Tower Drive.

The Project Site is also situated near Honolulu's Arts District which is approximately 0.25 miles northwest. The Arts District feature shops, theaters, nightclubs, restaurants, and various galleries showcasing collections of art such as authentic Hawaiian paintings, textiles, and glass-blown pieces. The Project Site also lies near the Our Kaka'ako neighborhood which is approximately 0.5 miles to the east. Our Kaka'ako is a community consisting of nine city blocks within the Kaka'ako neighborhood, centered around art. It showcases a collection of local and global artists' original murals with the goal of sharing creativity, beautifying the community, and bringing people together.

Source: State OP and ESR



PROJECT LOCATION MAP

Tradewinds Garden and Glass
Honolulu, O'ahu, Hawai'i

FIGURE
1

Figure 1. Project Location map

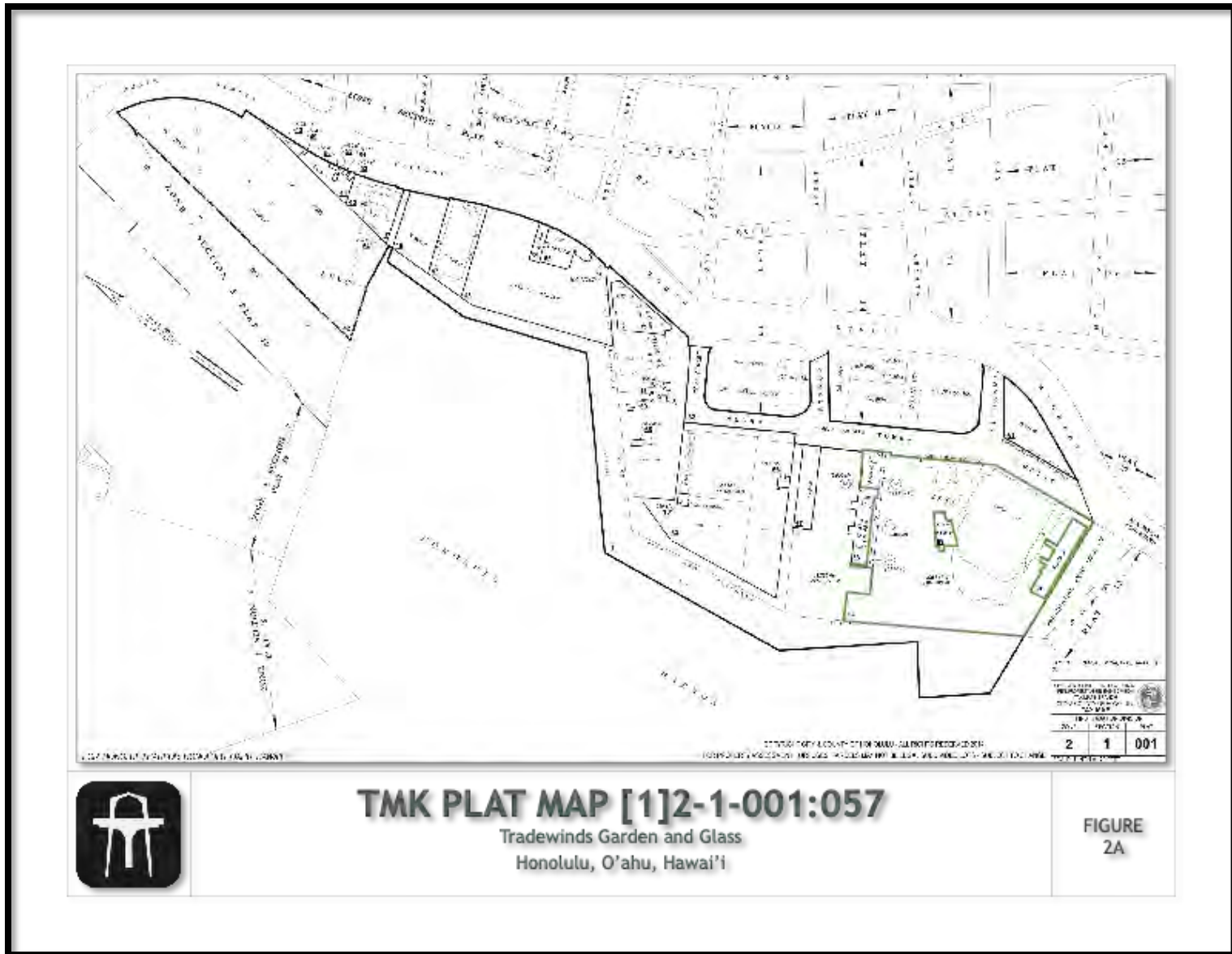


Figure 2. TMK Plat Map

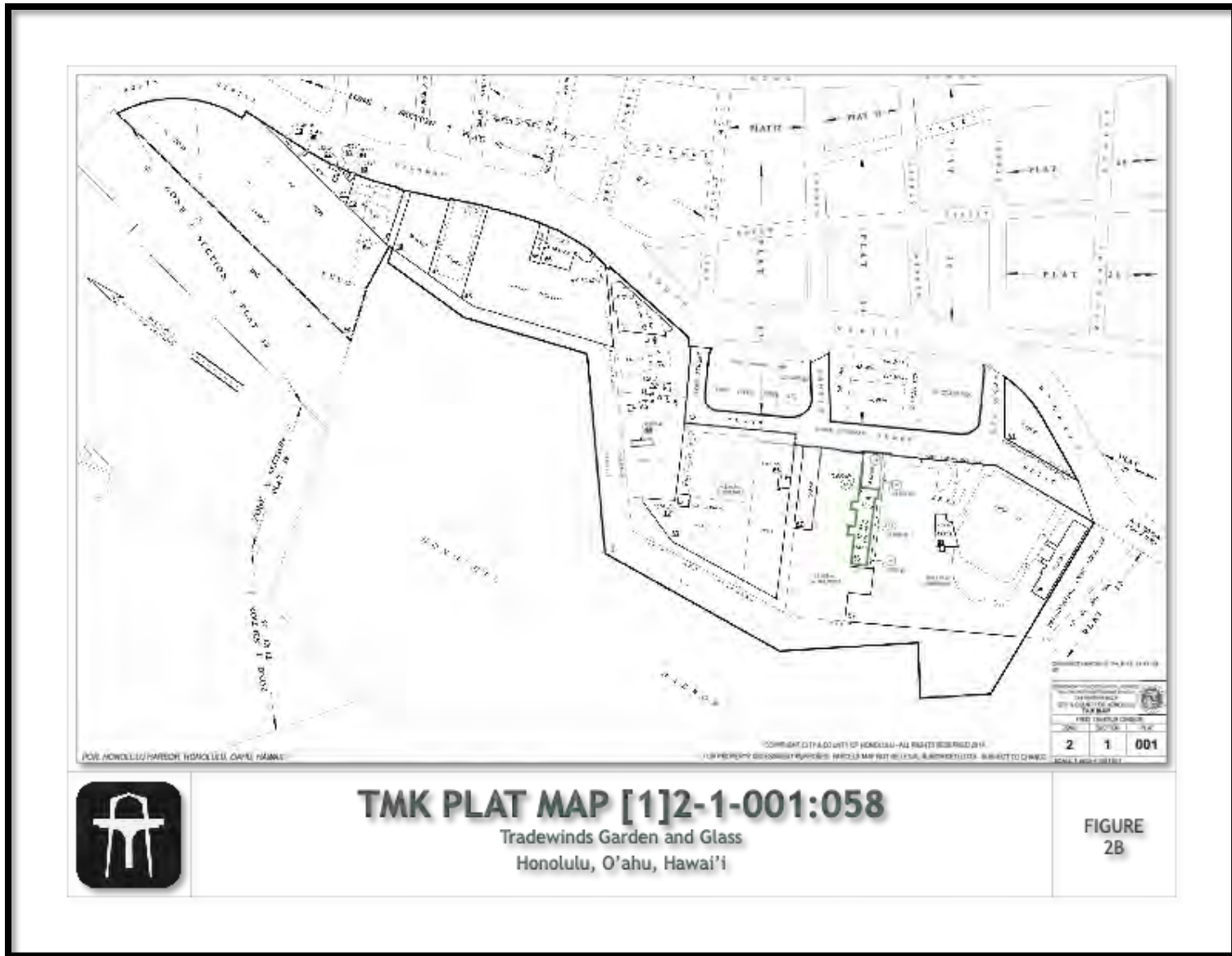


Figure 3. TMK Plat Map



Figure 4. TMK Plat Map

1.2 Background

The State and its agencies have an affirmative obligation to preserve and protect Native Hawaiians' customarily and traditionally exercised rights to the extent feasible.¹ State law further recognizes that the cultural landscapes provide living and valuable cultural resources where Native Hawaiians have and continue to exercise traditional and customary practices, including hunting, fishing, gathering, and religious practices. In *Ka Pa'akai*, the Hawai'i Supreme Court provided government agencies an analytical framework to ensure the protection and preservation of traditional and customary Native Hawaiian rights while reasonably accommodating competing private development interests. This is accomplished through:

- 1) The identification of valued cultural, historical, or natural resources in the project area, including the extent to which traditional and customary Native Hawaiian rights are exercised in the project area;
- 2) The extent to which those resources—including traditional and customary Native Hawaiian rights—will be affected or impaired by the proposed action; and
- 3) The feasible action, if any, to be taken to reasonably protect Native Hawaiian rights if they are found to exist.

The appropriate information concerning the ahupua'a of Honolulu, traditional known as Kou, has been collected, focusing on areas near or adjacent to the project area. A thorough analysis of this project and potential impacts to cultural resources, historical resources, and archaeological sites is included in this survey.

This ethnographic survey provides an overview of cultural and historic resources in the project area using thorough literature review, community and cultural practitioner consultation, and high-level, project-specific surveys. This survey focuses on identifying areas in which disturbance should be avoided or minimized to reduce impacts to historic properties or culturally important features. The paramount goal is to prevent impacts through avoidance of sensitive areas and mitigating for impacts only if avoidance is not possible.

1.3 Geographic Extent

The geographic extent for impacts to cultural resources and historic properties includes the project area and localized surroundings. This CIA also reviews some of the resources primarily covered by the regulatory review. It primarily researches and reviews the range of biocultural

¹ Article XII, Section 7 of the Hawai'i State Constitution, *Ka Pa'akai O Ka 'Āina v. Land Use Commission*, 94 Haw. 31 [2000] (Ka Pa'akai), Act 50 SLH 2000.

resources identified through historical documents, traditional knowledge, information found in the Hawaiian language historical cache, and oral histories and knowledge collected from cultural practitioners and experts.

The best practice for ethnographic surveys is to define a geographic extent beyond the identified or typical boundaries of the geographic project area. The recommended area is typically the size of the traditional land area (ahupua'a) or region (moku), but this can be larger or smaller depending on what best helps to identify the resources appropriately. For this project, the moku is Kona.

1.4 Goal of Ethnographic Survey

This survey, along with the archaeological work, looks to fulfill the requirement of taking into account the Project's potential impacts on historic and cultural resources and, at a minimum, describe: a) any valued cultural, historic, or natural resources in the area in questions, including the extent to which traditional and customary native Hawaiian rights are exercised in the area, b) the extent to which those resources – including traditional and customary native Hawaiians rights – will be affected or impaired by the Project; and c) the feasible action, if any, to be taken to reasonably protect native Hawaiian rights if they are found to exist.

2.0 Methodology

The approach to developing the ethnographic survey is as follows:

- 1) Gather Best Information Available
 - a) Gather historic cultural information from stories and other oral histories about the affected area to provide cultural foundation for the report;
 - b) Inventory as much information as can be identified about as many known cultural, historic, and natural resources, including previous archaeological inventory surveys, CIAs, etc. that may have been completed for the possible range of areas; and
 - c) Update the information with interviews with cultural or lineal descendants or other knowledgeable cultural practitioners.
- 2) Identify Potential Impacts to Cultural Resources
- 3) Develop Reasonable Mitigation Measures to Reduce Potential Impacts
 - a) Involve the community and cultural experts in developing culturally appropriate mitigation measures; and
 - b) Develop specific Best Management Practices (BMPs), if any are required, for conducting the project in a culturally appropriate and/or sensitive manner as to mitigation and/or reduce any impacts to cultural practices and/or resources.

While numerous studies have been conducted on this area, not all utilized Hawaiian language resources and Hawaiian knowledge. This appears to have impacted modern understanding of this location, as many of the relevant documents are native testimonies given by Kanaka Hawai'i (Hawaiians) who lived on this land.

While hundreds of place names and primary source historical accounts (from both Hawaiian and English language narratives) are cited on the following pages, it is impossible to tell the whole story of these lands in any given manuscript. A range of history, spanning the generations, has been covered. Importantly, the resources herein are a means of connecting people with the history of their communities—that they are part of that history. Knowledge of place will, in turn, promote appreciation for place and encourage acts of stewardship for the valued resources that we pass on to the future.

Background research for the literature review was conducted using materials obtained from the State Historic Preservation Division (SHPD) library in Kapolei and the Honua Consulting LLC. report library. On-line materials consulted included the Ulukau Electronic Hawaiian Database (www.ulukau.com), Papakilo Database (www.papakilodatabase.com), the State Library on-line (<http://www.librarieshawaii.org/Serials/databases.html>), and Waihona 'Āina Māhele database (<http://www.waihona.com>). Hawaiian terms and place names were translated using the on-line Hawaiian dictionaries (Nā Puke Wehewehe 'Ōlelo Hawai'i)

(www.wehewehe.com), *Place Names of Hawai'i* (Pukui et al. 1974), and *Hawai'i Place Names* (Clark 2002). Historic maps were obtained from the State Archives, State of Hawai'i Land Survey Division website (<http://ags.hawaii.gov/survey/map-search/>), UH-Mānoa Maps, Aerial Photographs, and GIS (MAGIS) website (<http://guides.library.manoa.hawaii.edu/magis>). Maps were geo-referenced for this report using ArcGIS 10.3. GIS is not 100% precise and historic maps were created with inherent flaws; therefore, geo-referenced maps should be understood to have some built-in inaccuracy.

While conducting the research, primary references included, but were not limited to: land use records, including the Hawaiian L.C.A. records from the Māhele 'Āina (Land Division) of 1848; the Boundary Commission Testimonies and Survey records of the Kingdom and Territory of Hawai'i; and historical texts authored or compiled by: David Malo (1987); Samuel M. Kamakau (1964, 1991, 1992); records of the American Board of Commissioners of Foreign Missions (A.B.C.F.M.) (1820–1860); Charles Wilkes (1845); Alexander & Preston (1892–1894); Abraham Fornander (1916–1919); and many other native and foreign writers. The study also includes several native accounts from Hawaiian language newspapers (primarily compiled and translated from Hawaiian to English by K. Maly), and historical records authored by nineteenth century visitors, and residents of the region.

Historical and archival resources were located in the collections of the Hawai'i State Archives, Survey Division, Land Management Division, Survey Division, and Bureau of Conveyances; the Bishop Museum Library and Archives; the Hawaiian Historical Society and the Hawaiian Mission Children's Society Library; University of Hawai'i-Hilo Mo'okini Library; the National Archives and Records Administration (NARA), Maryland; the Library of Congress, Washington D.C.; the National Oceanic and Atmospheric Administration National Library, Maryland; the Smithsonian Institution Natural History and National Anthropological Archives libraries, Washington, D.C.; the Houghton Library at Harvard; the United States Geological Survey (USGS) Library, Denver; the Paniolo Preservation Society and Parker Ranch collections; private family collections; and in the collection of Kumu Pono Associates LLC. This information is generally cited in categories by chronological order of the period depicted in the narratives.

M. P. Nogelmeier (2010) discusses the adverse impacts of methodology that fails to properly research and consider Hawaiian language resources. He strongly cautions against a mono-rhetorical approach that marginalizes important native voices and evidence from consideration, specifically in the field of archaeology. For this reason, Honua Consulting consciously employs a poly-rhetorical approach, whereby all data, regardless of language, is researched and considered. To fail to access these millions of pages of information within the Hawaiian language cache could arguably be a violation of Act 50, as such an approach would fundamentally fail to gather the best information available, especially considering the

voluminous amounts of historical accounts available for native tenants in the Hawaiian language.

Hawaiian culture views natural and cultural resources as largely being one and the same: without the resources provided by nature, cultural resources could and would not be procured. From a Hawaiian perspective, all natural and cultural resources are interrelated, and all natural and cultural resources are culturally significant. Kepā Maly (2001), ethnographer and Hawaiian language scholar, points out, “In any culturally sensitive discussion on land use in Hawai‘i, one must understand that Hawaiian culture evolved in close partnership with its natural environment. Thus, Hawaiian culture does not have a clear dividing line of where culture ends and nature begins” (Maly 2001:1).

This study also specifically looks to identify intangible resources. Tangible and intangible heritage are inextricably linked (Bouchenaki 2003). Intangible cultural resources, also identified as intangible cultural heritage (ICH), are critical to the perpetuation of cultures globally. International and human rights law professor Federico Lenzerini notes that, “At present, we are aware on a daily basis of the definitive loss—throughout the world—of language, knowledge, knowhow, customs, and ideas, leading to the progressive impoverishment of human society” (Lenzerini 2011:12). He goes on to warn that:

the rich cultural variety of humanity is progressively and dangerously tending towards uniformity. In cultural terms, uniformity means not only loss of cultural heritage—conceived as the totality of perceptible manifestations of the different human groups and communities that are exteriorized and put at the others’ disposal—but also standardization of the different peoples of the world and of their social and cultural identity into a few stereotyped ways of life, of thinking, and of perceiving the world. Diversity of cultures reflects diversity of peoples; this is particularly linked to ICH, because such a heritage represents the living expression of the idiosyncratic traits of the different communities. Preservation of cultural diversity, as emphasized by Article 1 of the UNESCO Universal Declaration on Cultural Diversity, ‘is embodied in the uniqueness and plurality of the identities of the groups and societies making up humankind’. Being a ‘source of exchange, innovation and creativity’, cultural diversity is vital to humanity and is inextricably linked to the safeguarding of ICH. Mutual recognition and respect for cultural diversity—and, *a fortiori*, appropriate safeguarding of the ICH of the diverse peoples making up the world—is essential for promoting harmony in intercultural relations, through fostering better appreciation and understanding of the differences between human communities. (Lenzarini 2011:103)

Therefore, tradition and practice, as elements of Hawaiian ICH, are essential to the protection of Hawaiian rights and the perpetuation of the Hawaiian culture.

2.1 Identifying Traditional or Customary Practices

It is within this context that traditional or customary practices are studied. The concept of traditional or customary practices can often be a challenging one for people to grasp. Traditional or customary practices can be defined as follows:

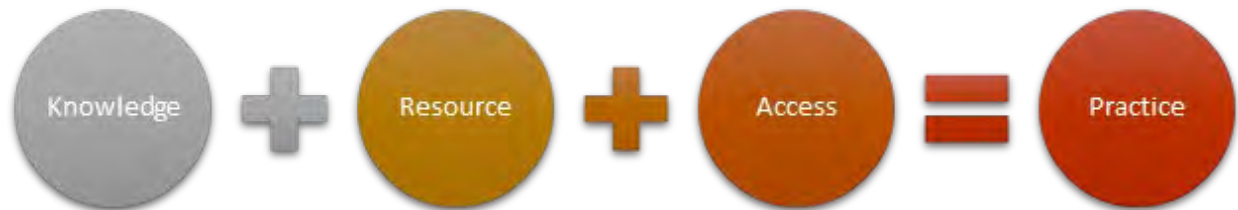


Figure 5. Diagram of elements that contribute to traditional or customary practices (Honua Consulting)

The first element is knowledge. This has been referred to as traditional ecological knowledge (TEK), Indigenous local knowledge (ILK), or ethnoscience. In the context of this study, it is the information, data, knowledge, or expertise Native Hawaiians or local communities possessed or possess about an area's environment. In a traditional context, this would have included information Hawaiians possessed in order to have the skills to utilize the area's resources for a range of purposes, including, but not limited to, travel, food, worship or habitation. This element is largely intangible.

The second element are the resources themselves. These are primarily tangible resources, either archaeological resources (i.e., habitation structures, walls, etc.) or natural resources (i.e., plants, animals, etc.). These can also be places, such as a sacred or culturally important sites or wahi pana. Sometimes these wahi pana are general locations; this does not diminish their importance or value. Nonetheless, it is important to recognize that potential eligibility as a "historic site" on the National Register of Historic Places (NRHP) would require identifiable boundaries of a site.

The third element is access. The first two elements alone are not enough to allow for traditional or customary practices to take place. The practitioners must have access to the resource in order to be able to practice their traditional customs. Access does not just mean the ability to physically access a location, but it also means access to resources. For example, if a particular plant is used for medicinal purposes, there needs to be a sufficient amount of that plant available to practitioners for use. Therefore, an action that would adversely impact the population of a particular plant with cultural properties would impact practitioners' ability to access that plant. By extension, it would adversely impact the traditional or customary practice.

Traditional or customary practices are, therefore, the combination of knowledge(s), resource(s) and access. Each of these individual elements should be researched and identified in assessing any potential practices or impacts to said practices.

2.2 Traditional Knowledge, or Ethnoscience, and the Identification of Cultural Resources

Traditional Native Hawaiian practitioners were scientists and expert natural resource managers by necessity. Without modern technological conveniences to rely on, Hawaiians developed and maintained prosperous and symbiotic relationships with their natural environment for thousands of years. Their environments were their families, their homes, and their laboratories. They knew the names of every wind and every rain. The elements taught and inspired. The ability of Indigenous people to combine spirituality and science led to the formation of unique land-based methodologies that spurred unsurpassed innovation. Therefore, identifying significant places requires a baseline understanding of what made places significant for Hawaiians.

Hawaiians were both settlers and explorers. In *Plants in Hawaiian Culture*, B. Krauss explains: “Exploration of the forests revealed trees, the timber of which was valuable for building houses and making canoes. The forests also yielded plants that could be used for making and dyeing tapa, for medicine, and for a variety of other artifacts” (Krauss 1993). Analysis of native plants and resource management practices reveals the depth to which Hawaiians excelled in their environmental science practices:

[Hawaiians] demonstrated great ability in systematic differentiation, identification, and naming of the plants they cultivated and gathered for use. Their knowledge of the gross morphology of plants, their habits of growth, and the requirements for greatest yields is not excelled by expert agriculturists of more complicated cultures. They worked out the procedures of cultivation for every locality, for all altitudes, for different weather conditions and exposures, and for soils of all types. In their close observations of the plants they grew, they noted and selected mutants (spores) and natural hybrids, and so created varieties of the plants they already had. Thus over the years after their arrival in the Islands, the Hawaiians added hundreds of named varieties of taro, sweet potatoes, sugarcane, and other cultivated plants to those they had brought with them from the central Pacific (Krauss 1993).

Thus, Native Hawaiians reinforced the biodiversity that continues to exist in Hawai'i today through their customary traditional natural resource management practices.

The present analyses of archival documents, oral traditions (oli or chants, mele or songs, and/or hula dances and ha'i mo'olelo or storytelling performances), and Hawaiian language sources including books, manuscripts, and newspaper articles, are focused on identifying

recorded cultural resources present on the landscape, including: Hawaiian and non-Hawaiian place names; landscape features (ridges, gulches, cinder cones); archaeological features (kuleana parcel walls, house platforms, shrines, heiau [places of worship], etc.); culturally significant areas (viewsheds, unmodified areas where gathering practices and/or rituals were performed); and significant biological, physiological, or natural resources. This research also looks to document the wide range of Hawaiian science that existed within the geographic extent.

2.3 Mo'olelo 'Āina: Native Traditions of the Land

Among the most significant sources of native mo'olelo are the Hawaiian language newspapers which were printed between 1838 and 1948, and the early writings of foreign visitors and residents. Most of the accounts that were submitted to the papers were penned by native residents of areas being described and noted native historians. Over the last 30 years, Kepā Maly has reviewed and compiled an extensive index of articles published in the Hawaiian language newspapers, with particular emphasis on those narratives pertaining to lands, customs, and traditions. Many traditions naming places around Hawai'i are found in these early writings. Many of these accounts describe native practices, the nature of land use at specific locations, and native mo'olelo (history, narrative, story). Thus, we are given a means of understanding how people related to their environment and sustained themselves on the land.

2.4 Historic Maps

There are also numerous, informative historic maps for the region. Surveyors of the eighteenth and nineteenth centuries were skilled in traversing land areas and capturing important features and resources throughout Hawai'i's rich islands. Historic maps were carefully studied, and the features detailed therein were aggregated and categorized to help identify specific places, names, features, and resources throughout the study area. From these, among other documents, new maps were created that more thoroughly capture the range of resources in the area.

2.5 Archaeological and Studies

An archaeological review was conducted by Honua Consulting, LLC. Previous archaeological studies identified significant historic properties within the surrounding areas. These findings are further discussed in **Section 4.1 (Historic and Cultural Sites)**.

2.6 Ethnographic Methodology

Information from lineal and cultural descendants is instrumental in procuring information about the project area's transformation over time and its changing uses. The present analyses of archival documents, oral traditions (including 'oli or chants, mele or songs), and/or

hula dance), and Hawaiian language sources including books, manuscripts, and newspaper articles, are focused on identifying recorded cultural and archaeological resources present on the landscape, including: Hawaiian and non-Hawaiian place names; landscape features (ridges, gulches, cinder cones); archaeological features (kuleana parcel walls, house platforms, shrines, heiau or places of worship, etc.); culturally significant areas (viewsheds, unmodified areas where gathering practices and/or rituals were performed); and significant biocultural resources. The information gathered through research helped to focus interview questions on specific features and elements within the project area. Descendants from the area were contacted and interviewed for this CIA.

3.0 Historic Background

Traditionally, the project area, located in the Kona moku (traditional regional land district), was inhabited and stewarded by Native Hawaiians for centuries. Kou, or Honolulu, also served as the home for native tenants, as further described below. Place names and mo'olelo provide valuable information about the history of this area and its important historic resources, including cultural resources and practices.

3.1 Inoa 'Āina (Place Names)

The focus of the inoa 'āina and mo'olelo is within the ahupua'a of Honolulu, although some references in mo'olelo extend to specific notable points (such as hills and mountaintops) just outside the ahupua'a boundaries. Notable inoa 'āina memorialize geographic and environmental features of the larger Kona region. Historic maps of the area show place names in the near vicinity. There are an unusually large number of historic maps for the area because of the harbor.

Honua Consulting developed a list of place names from the ahupua'a of Honolulu in the vicinity of the project area, specifically looking at names within the harbor area, which includes but is not limited to the following places and terms, to help guide research and analyses. The development of this selected list stemmed from extensive research into a wide range of documents related to the project area. At the time of the Māhele 'Āina, few kuleana land applications were submitted by native tenants. In many cases, land divisions would be referred to as both ahupua'a and 'ili, depending upon the document. It was also unclear from documents where land was identified as 'ili as to if the 'ili were simply a subdivision of larger ahupua'a or if they were 'ili kūpono, distinct land areas unto themselves. From the historical land records, there appeared to be little concern for specific boundaries, as foreigners, many of them missionaries who converted to businessmen, eagerly maneuvered their relationships with the new formalized government to acquire themselves strategically located parcels of land that proved valuable.

Kāwā (Channel)	Honolulu. Land area and fishpond along Honolulu Harbor. Site of the new O'ahu prison built in 1857. (Cited in Māhele Claim 6236; and Register Map No.'s 900, 1039 and 1910) Also, Loko Kāwā (Kāwā fishpond).
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Kepahoni (Cape Horn)	Honolulu. A historical name from the Hawaiianized "Cape Horn," named on account of the many ships that came into Honolulu Harbor, having sailed around Cape Horn. Of course, the sailors were looking for entertainment, and Kepahoni, became known as a place where such
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entertainment could be purchased. (Cited in Kawena Pukui – Pomroy Genealogy, ms. 1959; and Register Map No. 900)

Koholaloa (The long reef)

Honolulu. A reef/sand section situated in Honolulu Harbor, later called “Quarantine Island and Sand Island. (Cited in Māhele Claim 153 to Sumner (Reef part), and Helu 7712; historical accounts; and Register Map No.’s 900, 1471 and 1472) Also known as Quarantine or Sand Island, often written Kahololoa.

Pu’uiki (Little hill/mound)

Honolulu. A surf spot of Māmala - Honolulu Harbor. (Cited in traditions of Hiiaka, 1862; and Aiai, 1902)

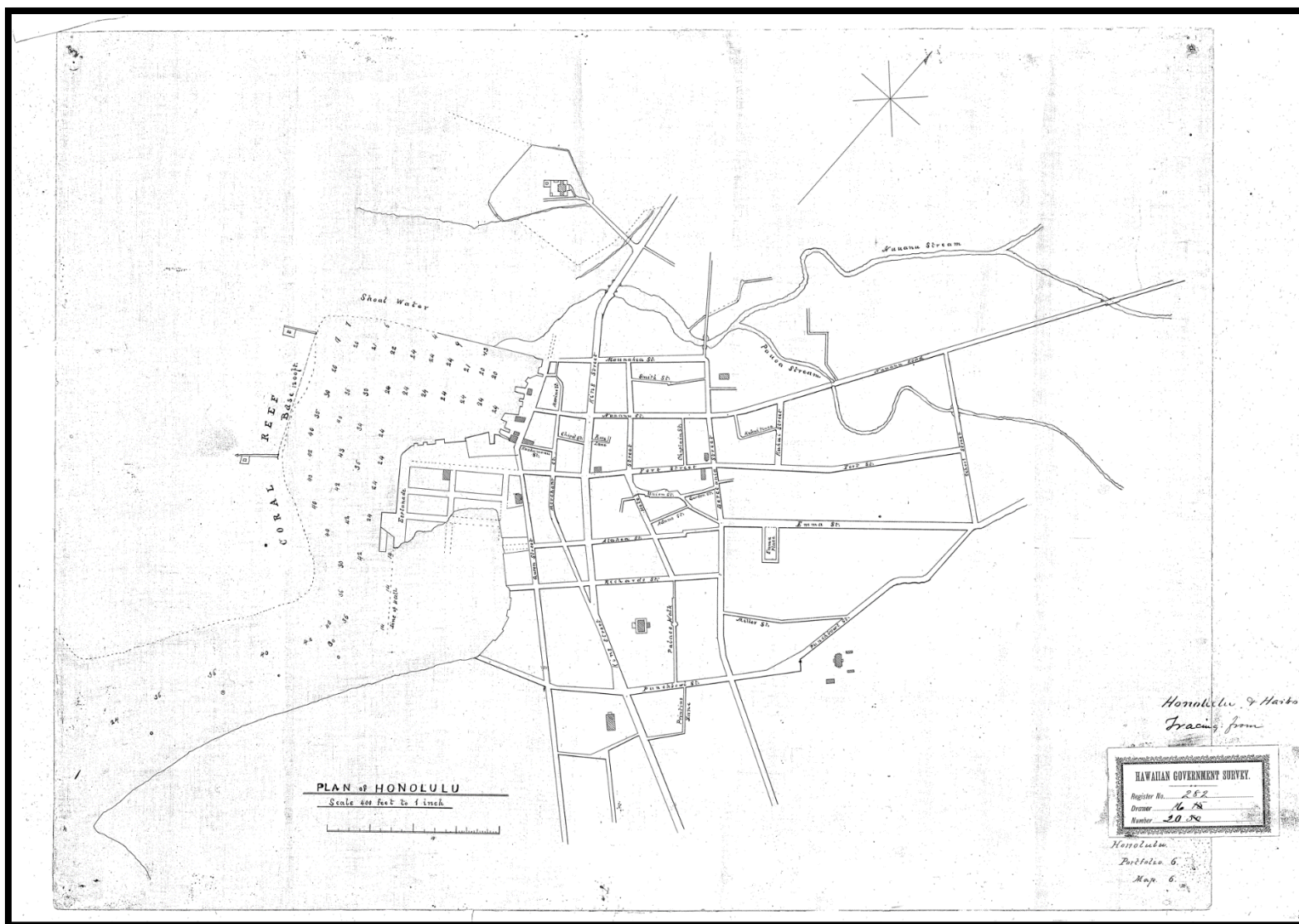


Figure 6. Registered Map 282

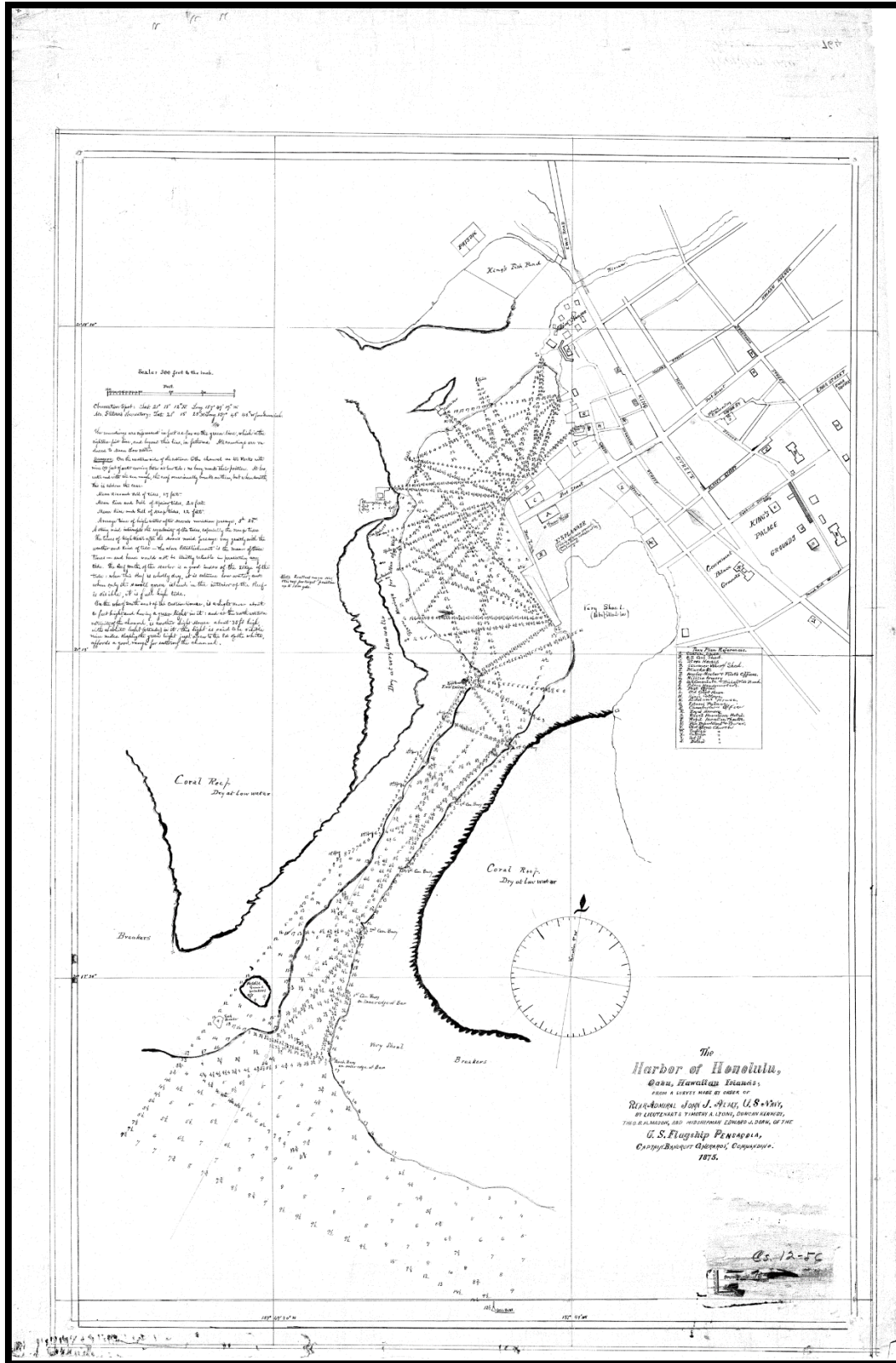


Figure 7. Registered Map 430

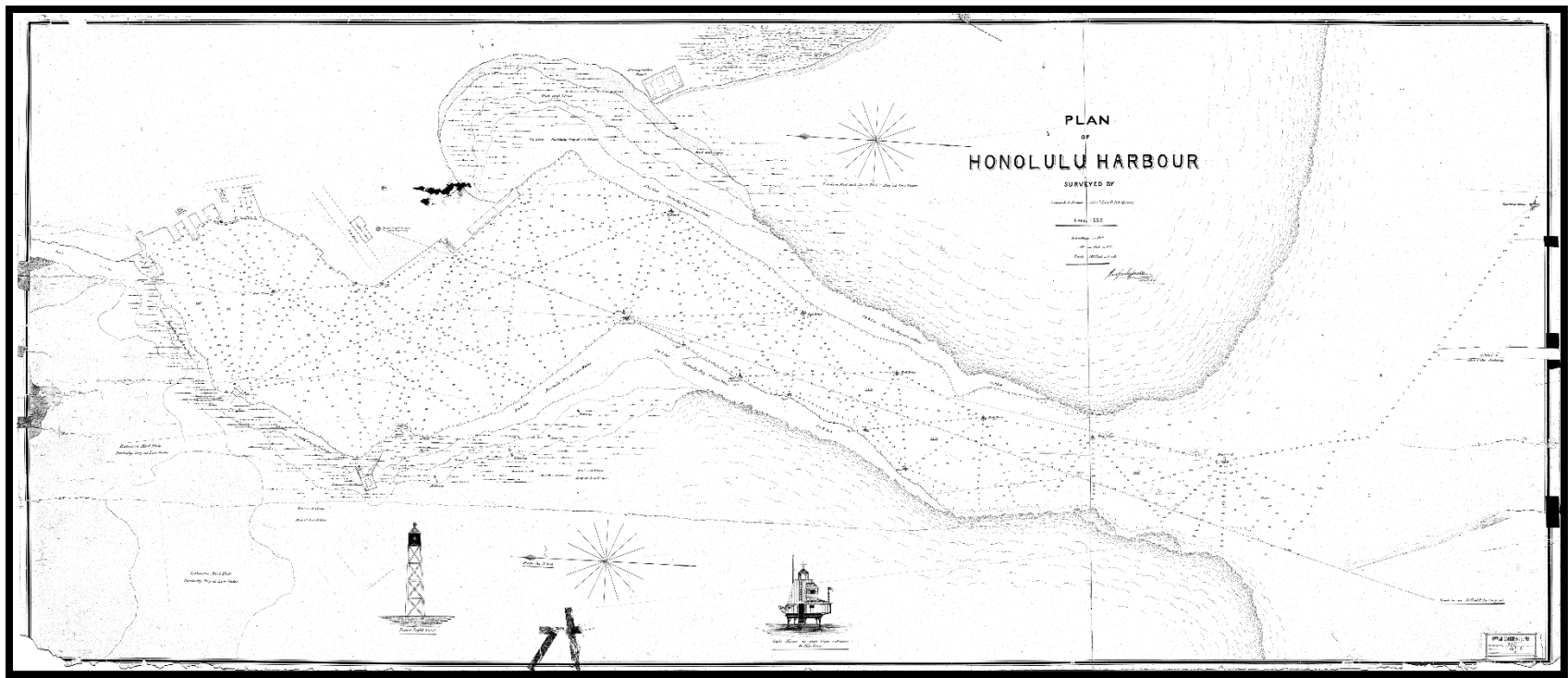


Figure 8. Registered Map 795

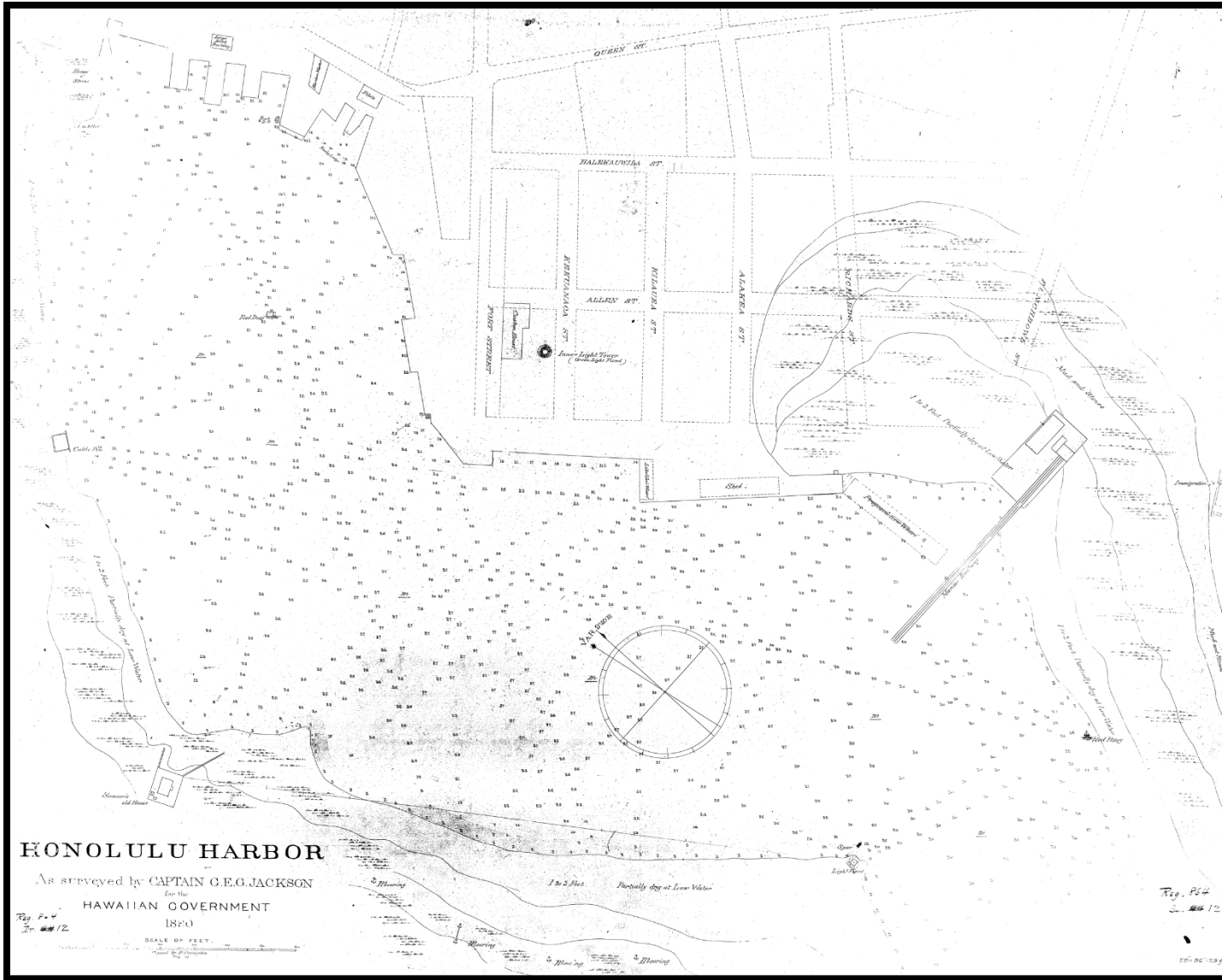


Figure 9. Registered Map 864

3.2 Traditional Period of Māmala

The traditional harbor area was known as Māmala. This area is defined by Pukui as:

Māmala

Bay, Honolulu Harbor to Pearl Harbor, O‘ahu, named for a shark woman who lived at the entrance of Honolulu Harbor and often played *kōnane*. She left her shark husband, ‘Ouha, for Hono-ka‘upu. ‘Ouha then became the shark god of Wai-kīkī and of Koko Head (Finney and Houston 39; Westervelt, 1964b:15, 52-54). In the song "Nā ka Pueo" (Elbert and Mahoe 81), the name of the bay is juxtaposed to *mālama*, to protect: *Ma ka ‘ilikai a‘o Māmala, mālama iho ke aloha*, on the surface [of the sea] of Māmala, protect the love. See Ke-kai-o-Māmala.

Ke-kai-o-Māmala

The surf in the outer entrance of Honolulu Harbor, named for the chiefess Māmala who loved to play *kōnane*, drink ‘awa, and ride the surf. See Māmala.

The area known as Honolulu today looked and functioned quite different in traditional times. After Kamehameha unified the islands under his rule, he spent considerable time in the Honolulu area. The following is an excerpt from John Papa ‘Ī‘ī’s series in *Ka Nupepa Kuokoa*, “Na Hunuhuna no ka Moolelo Hawaii” and discusses the farming that Kamehameha was famous for doing throughout the Kona moku on O‘ahu. Kamehameha was famed for being a hard working cultivator despite also being Mō‘ī, king, which is reflective of the cultivation culture that existed in the islands before the start of large plantations throughout Hawai‘i. The following describes his farming endeavors on O‘ahu.

...Kamehameha, with the members of his court, also gave much attention to farming, especially in Nuuanu, from Niolopa to Hapuu. He also farmed at Ualakaa in Manoa, in Waikiki, and in Kapalama.

When Kamehameha went to Nuuanu, mounted on his horse, Kawaiolaloa, many of the children, including li, followed him with great interest. They found innumerable people all over the farming area, from down below the present road at Niuhelewai to the bend in the road where the houses of the Portuguese now stand. The bulrushes were as nothing, for they were cleared away in a single day. Some men cut the rushes, some dug them out, some built mounds, and others covered the mounds with the rushes. Much food was provided for the noonday meal of the workers, who then resumed their work until evening. The actual planting was reserved for the caretaker of the land.

So it was on the following day, at Kahoikekanaka, close to Kamanuwai at Peleula. It, too, was teeming with men, though there had been more people at

Nuuanu. The men, scattered systematically from a spot on the upland side to a place on the seaward side, dug and beat on the banks with dried coconut-leaf stems. The next day they trampled in the wet patches and planted taro. When the workers and Kamehameha ate, li shared in the food, for among the men in the crowd were his mother's own brothers. All he did was watch the horse, but actually he just wanted to be there.

After these projects, three schools for lua fighting (pa ku'i-a-lua) were established by Kamehameha, and perhaps there were some smaller ones. Hahakea was the instructor at one of them, Namakaimi was the instructor at another, and Napuauki and his assistant were teachers at the third. At the school taught by Napuauki and his assistant were twenty-four boys from Kamehameha's court who were trained for more than two months. Among them was the king's own son [page 68] Kekuaiwa, who was older than the chiefess Kinau. li also attended this school, as did Kekuanaoa, father of Kamehameha IV and V. Twenty-three of these boys are dead at this writing.

Earlier, some of Kamehameha's warriors had been organized into a company called the Kulailua (Knocked Over). It was so named for the force by which the discharging of a rifle on the shoulder made one fall backward...

We have already seen some things accomplished under Kamehameha, but some not mentioned previously were fishing, canoe-making, paddle-making, and the like. His craftsmen were as well cared for as were his farmers, and there were many of them. His wish was to obtain prosperity for the people.

Here let us return briefly to farming. The places Kamehameha farmed and the houses he lived in at those farms were show places. His farmhouses in Nuuanu stood several hundred fathoms away from the right side of Kapaehala, a knoll on the western side of Nuuanu Street and Hanaiakamalama House. Perhaps the location was chosen to enable him to look both inland and seaward to his food patches. Some elevated houses seem to have been for that purpose. So it was with Puupueo, directly below Ualakaa. He dwelt part of the time at Helumoa in Puaaliilii, Waikiki (in the house mistakenly called Kekuaokalani; Kuihelani is the correct name) to till the famous large gardens there. He also lived in Honolulu, where his farms at Kapalama, Keoneula, and other places became famous. These tasks Kamehameha attended to personally, and he participated in all the projects.

Kamehameha was often seen fishing with his fishermen in the deep ocean, where the sea was shallow, and where fish-poison plants were used. He took

care of the canoe paddlers who went out for aku fish, bringing in supplies from the other islands for them, and sent ships to-and-fro fetching nets, lines, olona fibers, and other things. Part of his goodly supply of such necessities he divided among his chiefs and among those he had conquered. Because of his generosity, all of the chiefs worked too and gave him a portion of the products of their lands. [page 69]

...While li was at court, there were two other occasions when sports and games were held in the royal town of Honolulu. These occurred when the makahiki gods went forth from the luakini heiau at Leahi... [page 70]

...In the evening of the day on which the wooden gods departed to go on their circuit of the island, the chiefs who had fed the attendants remained secluded with their possessions from daylight to dark. The attendants of the gods carried them facing backward when they traveled. Therefore it was said that the eyes of Lono remained upon the activities of the people when the gods left the presence of the chiefs for the circuit of the island. The procession went from Honolulu toward Ewa, and when the procession reached the boundary between Honolulu and Kapalama, the akua loa stopped with its two alai markers, two sticks that were used to mark the area that was made kapu for the god. This area was forbidden to the people, but not to the attendants. As the akua loa stood on its designated place, the persons in charge of the land of Kapalama brought all the taxes of the land. If the taxes were sufficient, the tapa of the aku[a] loa was gathered in (papio'ia) and the god proceeded to the next ahupua'a. The akua pa'ani was placed where the akua loa had stood to inspire the men to box. [li, 1959:75]

In the following sections, 'Ī'Ī describes the trails and royal structures throughout the Honolulu region and provides insight into some of the early architectural sites in Honolulu during the reign of Kamehameha.

...Perhaps it would be well to follow the Honolulu trails of about 1810, that they may be known, and to determine whether the houses were many or few. Let us begin looking.

The trail from Kalia led to Kukuluaeo, then along the graves of those who died in the smallpox epidemic of 1853, and into the center of the coconut grove of Honuakaha. On the upper side of the trail was the place of Kinau, the father of Kekauonohi. His houses were made kapu after his death, and no one was permitted to pass in front of them. Piopio and others were in charge.

The trail came out of the coconut grove and went on to Koaopa. Mauka of the spot where it came out of the coconut grove was a bare place, like a plain, and below this spot were Keopuolani's houses. Back of her houses was a long stone wall, beginning outside of the grove and going north to the edge of the pond of Umukanaka, as far as a cluster of houses there.

The trail went by Papa's heiaus of healing, and in front of them was Hookuku, the residence of the heir to the kingdom. His houses were separated from all the others there because of the strict kapu surrounding them. Four kapu sticks were set up, one at each corner, about 2 chains away from the houses; and the trail was about 5 fathoms beyond the sticks. When those approaching drew near to the kapu sticks, they observed the rules we have mentioned previously. [page 89]

We have spoken of Koaopa before as the location for the homes of attendants to the heir to the kingdom. Their houses stood on both the makai and mauka sides of the trail, set apart from the others like those of the heir. From the makai side of Koaopa was a trail to the sea at Kakaako, where stood the homes of the fishermen. Below the trail lived Hewahewa and his fellow kahunas. The trail led to the spot where the ship Namahana was berthed, then went on to Kaholoakeahole. The Namahana was in the charge of Leleahana, father of Abel Wahineahi, and was berthed on the north side of Naahu's place, where Halakika later resided. North of where this trail branched off from Koaopa, and close to the home of li's mother, was a coconut tree on which the boy made a swing. Here he and his companions whiled away hours each evening. The person who could chant the most pleasingly swung the most often.

Also on the north were Leleahana's houses, then those of the attendants of Kekuaiwa, son of Kamehameha. Kekuaiwa's home was set apart with four kapu sticks. Next came Kekumanoha's place, then a vacant place that reached as far as the bathing pool of Honokaupu, above Queen Street, north of a pier at the corner where Queen and Alakea Streets now meet. There were two houses above this bathing pool which belonged to Kaiwikokoole; and north of the pool was one house, on the mauka side of the trail. Many bathers gathered of ten at this pool.

The trail went on above the spring of Honokaupu to the loku site at Merchant and Alakea Streets. Just above this spot it joined the trail from Waikiki which came over a wall and branched off to the two drilling sites mentioned earlier. Beyond them, to the west of the drilling sites, were the king's houses. A trail joined the one from Waikiki above the field where maika rolling and foot racing

were held, on the mauka side of the king's houses, and came out at Pakaka.

West of the Honokaupu spring was the pond owned by Mataio Kekuanaoa, where the coconut trees later grew. The houses of the king's stewards were there, in the charge of Kamokupanee. Makai, and south of the drilling field, was a temporary house for those of the Kulailua company. On the makai side of the temporary house were the houses of the gods Kalaipahoa, Kihawahine, and others. Just beyond the houses of the gods were Kalanimoku's houses, close to the edge of the sea. The trail there was always used to reach the drilling field, for by going between the houses of the gods and the heiaus one escaped death. Mauka of Kalanimoku's houses were Kalaimamahu's houses, and there he had died. Next to Kalanimoku's houses were those of Kalaniakua, Liliha, Kekauonohi, and Namahana.

Let us return to where the trail from Waikiki met the trail from Honuakaha, mauka of the Honokaupu spring. The trail ran on from there until it reached above Aienui, going by the big stone house of Kimo Pakaka, or James Robinson. It went to the maika field of Kikihale, and then on to the stream above [page 91] Lepekaholo (Liberty Hall). Adjoining Kikihale and stretching from Kaumakapili to the south side of John Meek's yard was the maika field of Kalanikahua. On the south side of Kalanikahua were Kaoleioku's houses and those of Kekuaokalani, son of Keliimaikai. Each side of this maika field was bordered with houses, as was the maika field of Kikihale. A loku site at King and Nuuanu Streets, mentioned before, was where the two maika fields joined, and that place was without a house.

On the mauka side of the place where the trails met at Honokaupu, houses occupied both sides of the trail. The stone wall mentioned before ran on mauka of the church at Polelewa to the upper corner of King and Nuuanu Streets. Then the stone wall turned and went on up to Beretania Street. The fence on the mauka side was made of hau wood, and it led to the corner of Emma Street. There it turned and came down to meet the edge of the trail from Waikiki. That was the enclosure of the yam farm called Kapauhi mentioned earlier.

The trail to Nuuanu began at Kalanikahua and led north of Kaumakapili Church to below the little stream which flowed out of Kamanuwai pond. There the trail turned slightly to the right, went along the edge of the pond, and down into the water. Then, coming up on the bank onto Waiakemi, it led on to Waaakekupua, along the bank of the taro patches, to the Pauoa stream, up to Pualalo, and on to the gap at Nuuanu Pali.

Our description of the trails of the royal town is finished, but we have not yet told of the trails going to lower Waikiki, Kamoilili, and Manoa. A trail led out of the town at the south side of the coconut grove of Honuakaha and went on to Kalia.

From Kalia it ran eastward along the borders of the fish ponds and met the trail from lower Waikiki. At Kawaiahao a trail passed in front of the stone house of Kaina, late father of Kikaha. The trail went above Kalanipuu's place, along the stream running down from Poopoo to the sea, close by Kaaihee in Makiki, to Puu o Manoa, then below Puupueo, where a trail branched off to go to upper Kaaipu and Kahoiwai, and another to go below Kaahulue, to Kapulena and Kolowalu.

The trail from Kawaiahao which led to lower Waikiki went along Kaananiau, into the coconut grove at Pawaa, the coconut grove of Kuakuaka, then down to Piinaio; along the upper side of Kahanaumaikai's coconut grove, along the border of Kaihikapu pond, into Kawehewehe; then through the center of Helumoa of Puaalilili, down to the mouth of the Apuakehau stream; along the sandy beach of Ulukou to Kapuni, where the surfs roll in; thence to the stream of Kuekaunahi; to Waiaula and to Paluki, Kamanawa's house site. The latter was named for the Paluki in Punahoa, Hilo. Perhaps that was where Kamanawa lived when the king resided in Hilo during the battle called Puana, prior to the building of the great peleleu fleet.

From Paluki the trail ran up to Kalahu, above Leahi, and on to the place where the Waialae stream reached the sand. The trail that ran through Kaluahole...
[page 92]

...Let us now examine the remainder of the places in the royal town, for we have not yet seen them all. There were many people living in those other places. Perhaps we should glance first at the spot below Kikihale's maika field. Many people who lived here at Kapuukolo were fishermen who fished with draw nets and with the many other kinds of nets needed in their profession.

Kuihelani was an important person there, for he was of high station. He had many people to serve him, his wives were many, and his household was large. Li went often with his mother to see Kuihelani, who was related to them, perhaps through Kaaloakaulani or perhaps through their makuahine. This large family was related to the family of Luluka. Perhaps that was why the mother and the boy went to these places often and were known by many of the people in the household of each wife, who lived there as a retainer. Because of his skill in

handling the property of the king, Kuihelani attracted prosperity to himself. The keeping of a multitude was as nothing to a man so wealthy. The king's faith in him never changed, for the king's lands in his charge were cared for by his kinsmen, and they were obedient to Kuihelani's commands. Therefore the kinsmen also held good positions and were well known.

Among these people was the Spaniard Paula Marin, a friend of the king, who lived wherever the king's relatives lived. On his place—which was surrounded on the sides, back, and part of the front by Kuihelani's property—he had two or three horses, one a mare, and a young cow. Marin was very fond of fishing, perhaps because he saw Kamehameha doing it. And he was also an expert in the stick hula.

Makai of Kuihelani's own home was Keliimaikai's home, which was on the coral point where the first custom house stood. On the south side of this place was berthed the Kaaloo, a ship belonging to Kuihelani, which lay at the extreme north of all the ships previously discussed.

Near the Kaaloo and in the vicinity of the custom house at the beach was a house for the very first Chinese ever seen here. There were two or three of them and they prepared food for the captains of the ships which took sandalwood to China. Because the faces of these people were unusual and their speech—which is now commonly heard—was strange, a great number of persons went to look at them. [page 94]

On the south of Kuihelani's residence was that of George Isaac Davis and his company of people. The chiefs' places extended from there, above the maika field to the Honokaupu trail junction. Near there, too, were the houses for the king's stewards, and above that group of houses were the houses of the warriors. These stood on the upper side of the trail. Among the chiefs' houses were those of Kuakini, of Kaiko, and of Kaukuna Kahekili, Kaiko's younger brother.

Let us turn to look at the trail going to Ewa from Kikihale, up to Leleo, to Koiuiu and on to Keoneula. There were no houses there, only a plain. It was there that the boy Ii and his attendants, coming from Ewa, met with the god Kaili and its attendants who were going to Hoaeae. When the kapu moe was proclaimed, they all prostrated themselves on the plain until the god and his attendants passed by.

When the trail reached a certain bridge, it began going along the banks of taro

patches, up to the other side of Kapalama, to the plain of Kaiwiula; on to the taro patches of Kalihi; down to the stream and up to the other side; down into Kahauiki and up to the other side; turned right to the houses of the Portuguese people; along the plain to Kauwalua, Kalaikoa's house of bones; down to a coconut grove and along the taro patches of Kahohonu; over to the other side, and from there to a forded stream and up to Kapapakolea, an established resting place for travelers.

From there the trail went to Kaleinakauhane, then to Kapukaki, from where one could see the irregular sea of Ewa; then down the ridge to Napeha, a resting place for the multitude that went diving there at a deep pool. This pool was named Napeha (Lean Over), so it is said, because Kualii, a chief of ancient Oahu, went there and leaned over the pool to drink water... [li, 1959:95]

3.2.1 Early Modernity in Honolulu under Kamehameha I

Kamehameha seemed to have an appreciation for embracing elements of the modernity coming to Hawai'i from foreigners. The following is another section taken from the translation of the series, "Na Hunuhuna no ka Moolelo Hawaii" by John Papa Āīī. In this installment, Āīī describes the very first stone house built in Honolulu by a man named Aitona, who Āīī recalls was either Portuguese or French. After building the first stone house in Honolulu, Kamehameha has Aitona build him a stone house at his fort in Kamakahonu, Kona, Hawai'i, which Kamehameha used as a store house for his valuables.

Aikona's first stone house, which was built in Honolulu before the company left Oahu [ca. 1811], stood near W. N. Ladd's stone house. On its north was the first custom house. For this house, the chiefesses and men and women of the royal household brought earth for mortaring from Kanelaau [site of a heiau on Pū'owaina]. They formed a large procession, and by time for the morning meal, the earth was in such a great heap that they had enough. This well-built house was the only large stone building of that time. Marin's house was built like it, for Aikona was his son-in-law, through marriage with Miela, Marin's oldest daughter.

When Aikona began building the end and side walls of the house at Kamakahonu he built a third wall between them and arranged stones in the center of this middle wall to form a door. The walls rose together until the house, from one end to the other, was finished. When Aikona later removed the stones set up in the doorway of the center wall, the doorway looked like the fine arched bridge of Pualoalo at Peleula in Honolulu... This house was well completed. In the stone house were stored the king's valuables and those of Aikona. These

valuables were kegs of rum and gunpowder and guns, of which the guns and powder were placed on the inside near the inner wall. Rum distilled on Oahu accounted for most of the freight aboard the ship Keoua when it returned to Hawaii. [I'i, 1959:120]

It was also under Kamehameha's rule, Honolulu Harbor became the favored "resort for shipping" (Alexander 1907:13). Although previously encamped at Waikīkī, Kamehameha moved to the harbor area to conduct trading with visiting captains. A description of the area at the time of Kamehameha I's rule is given by Gideon La'anui, a retainer in Kamehameha's court:

We came down to the shore of Kou (Honolulu Harbor), my parents and I. The king was awake night and day. My father was drilling with him. Our house was erected where the foreign church (Bethel) stands. Below that was the place of Hoa'ai folks. There stood the cluster of houses belonging to Kaainahuna folks. Adjoining was the drill house, their place. There we lived till the arrival of Kaumualii from Kauai on a foreign ship, commanded by Winship... It anchored outside Mamala... On landing at Pakaka they held audience there, after which was a prostration ho'okupu, at the close of which Kaumualii sailed for Kauai... [Laanui in Thrum 1930:87-88]

English Captain William Brown of the Butterworth is usually credited as being the first Westerner to see and enter Honolulu Harbor. He entered the harbor in November of 1794 (Krauss 1987; Thrum 1893; Stroup 1959:10; Fornander 1969:11264.; Bingham 1969:46; Alexander 1907:13; Westervelt 1910:81). The Butterworth was a fur trading ship that stopped in Hawai'i for supplies. Captain Brown called the harbor "Fair Haven," but it was less romantically referred to for years by seamen as "Brown's Harbor" (Stroup 1959:11). In Brown's entourage was the schooner, Jackall, which is said to be the first vessel to enter the harbor, and her tender, Prince Leeboo, which followed shortly after (Krauss 1987, Thrum 1893:77, Kuykendall 1938:46).

Brown's discovery of the harbor came at a time when Kalanikūpule, ruler of O'ahu, was defending his land from Kā'eo of Maui. Fornander (1969) writes of Brown's involvement in the battle between the two rulers:

In the month of November 1794 Kaeo broke up his camp at Wai'anae and marched on Ewa. At a place named Punahawehe he encountered the troops of Kalanikūpule, who had received an auxiliary force of armed seamen from the English vessels "Jackal" and "Prince Leboo," under command of Captain Brown, who shortly previous had been the first to enter the harbour of Honolulu, known to the natives by the name of Kou. [Fornander, 1969:264]

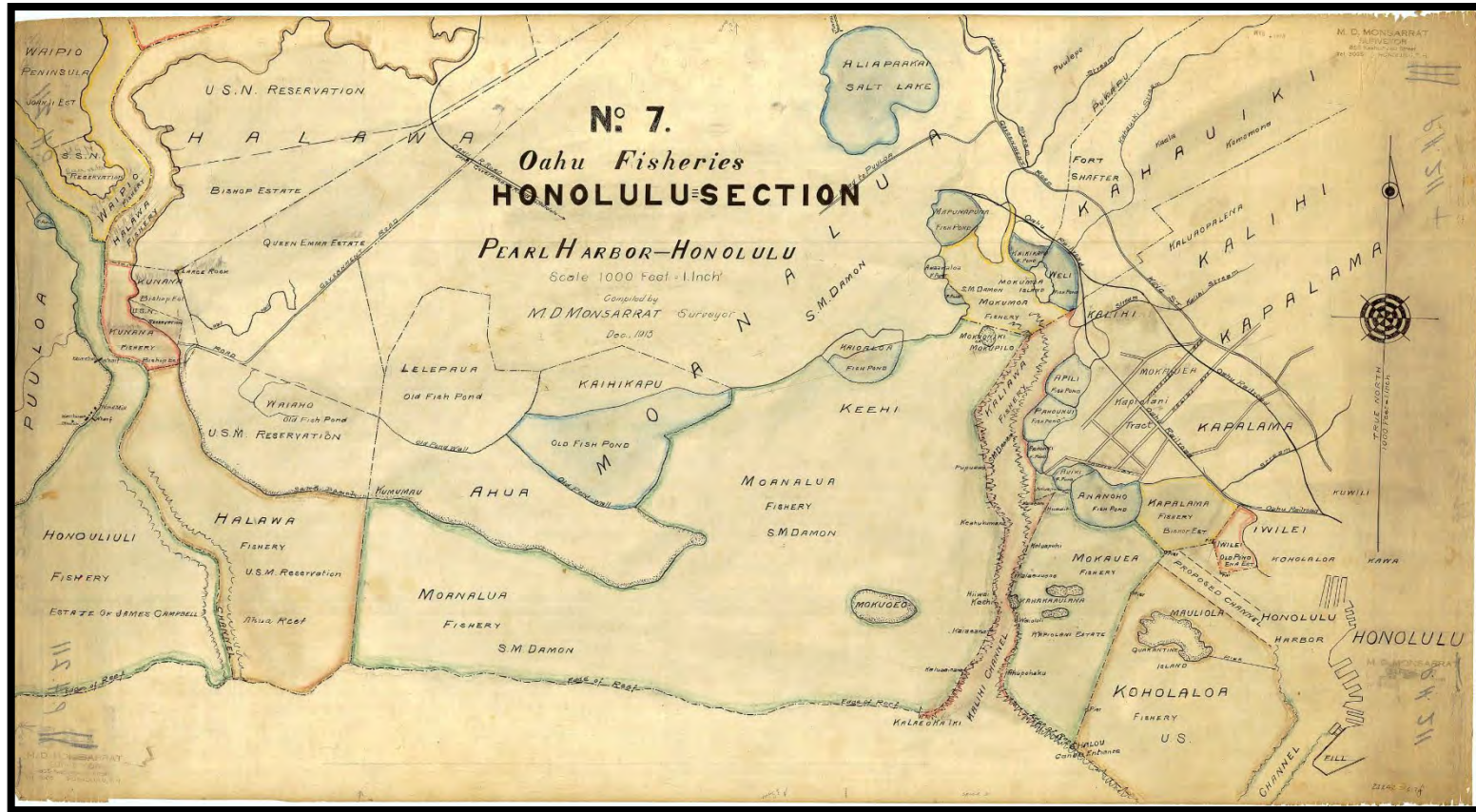


Figure 10. Maps of the Honolulu Fisheries, Honolulu Harbor is shown in the bottom right section of the map.

3.3 Historic Period

Pier 7 in Honolulu, located in the bustling Honolulu Harbor, has a rich history intertwined with the development and transformation of Hawaii's maritime industry. This area has been a pivotal point for various activities, from commercial operations to naval defense, reflecting the broader changes in Honolulu and Hawaii at large over the years.

3.3.1 Early Beginnings and Commercial Significance

In the early 20th century, as Honolulu began to emerge as a vital hub in the Pacific for shipping and trade, the infrastructure around its harbor was rapidly developed. Pier 7, like its neighboring piers, was constructed to accommodate the increasing volume of cargo and passengers arriving and departing from Honolulu. The Kingdom and its ali'i recognized the need to build infrastructure within the islands. The harbor was the lifeline of the Hawaiian Islands, serving as the primary entry point for goods, immigrants, and visitors, which played a crucial role in Hawai'i's economic and social development. Yet, while the Kingdom worked to develop infrastructure on behalf of its people, foreigners quickly moved to use this growth of infrastructure to their own advantage.

In 1885-1886, James Campbell entered into an agreement with Benjamin Franklin Dillingham to implement a "great land colonization scheme" for Honouliuli (Thrum, 1886:73). B.F. Dillingham began developing the O'ahu Railway and Land Company (O.R. & L. Co.), and by 1889 the rail system from the Honolulu Harbor had been extended to Manana, ending near the old 'Ewa Court House (Whitney, 1890:155). In 1895, the railroad had been extended to Wai'anae, and in July 1895, a group ride along the railroad was described in the newspaper, *Ka Makaainana* (Iulai 8, 1895:1).

**"O.R. & L. CO. Huakai Makaikai a na Poe Kakau Nupepa i ke Alahao Hou."
(O.R. & L. CO. Sight-seeing Trip taken by Newswriters on the New Railroad.)**

At 9:30 on Tuesday morning, newspaper editors and others gathered at the Honolulu station of the O'ahu Railway & Land Company. At 9:40 we departed on our trip past Kūwili on our way to the end of the route now at the Pōka'i in the coconut grove.

Having left Honolulu by 10:09 drew near to Pearl City, and then reached the 'Ewa Sugar Mill at 10:25. We continued on our path [through Honouliuli] before us towards the shore of Wai'anae, passing the place made famous in the traditions of Kamapua'a and Ka'ōpuluhulu in the time of Kahanana, king of O'ahu; also, in the tradition of Hi'iaka-i-ka-poli-Pele, in her journey to fetch Lohi'au...We entered into Waimānalo, where the kiawe trees grew here and

there, and passed along the seashore, arriving at Pili-o-kahe, where there is an ancient stone wall. This was pointed out by a native as being the boundary between 'Ewa and Wai'anae...

Reaching our destination, we ate and then left Wai'anae at 2 o'clock, traveling along the new track to the mill at Honouliuli where we waited for the passing of another train. From there, it was not long until we traveled to Waiau, then a short time to Kalauao, returning [to Honolulu] at 4 o'clock.

Nearby, Honolulu's Chinatown evolved. John Papa 'Ī'Ī (1959) wrote about the first Chinese to be seen in Honolulu, as being three Chinese cooks associated with ships from the sandal wood trade who settled along the Kapāpoko-Waikahalulu waterfront prior to 1810. By 1844, three Chinese businesses were situated near the Honolulu waterfront in the Nu'uaniu Street vicinity (R.C. Wyllie, in the Friend, 1844). By the early 1860s extensive tracts of lo'i kalo were being turned over to the cultivation of rice, and at various outlying locations, large sugar plantations were emerging on the island scene. As a result, programs of Chinese immigration for the workforce were implemented. By 1884 the area in the vicinity of Mauna Kea, Nu'uaniu, King and Beretania Streets was heavily devoted to Chinese businesses and residences. A large and devastating fire in 1886 burned most of "Chinatown" to the ground. The Chinese residents quickly rebuilt, but by the early 1890s, sanitary conditions and a "slum-like" environment brought about renewed fears of cholera and other diseases. At the same time extensive development of western businesses all around Chinatown took place, and concerns about "property values" arose.

In December 1899, the first case of bubonic plague was confirmed in Chinatown, and events following identification of the case, and subsequent deaths, led to relocating hundreds of people from Chinatown to a Kaka'ako quarantine on January 5, 1900. On January 6th, 1900, "controlled fires" began to be set at buildings where victims had resided, and additional quarantine facilities capable of housing 2,000 people were being set up on Bishop Estate lands in Kalihi.

As cases of the plague continued to increase, "controlled burns," were used in larger areas to remove the threat. On January 20th, 1900, the fire at Block 15, between Beretania, Kukui, River and Nu'uaniu Streets went wild, and the entire block, including Kaumakpili Church was destroyed. From there, the flames spread, and a day later, on January 21st, 1900 nearly all the buildings between Kukui, Queen, River and Nu'uaniu Streets were burned to the ground.

Today, several of the buildings in or adjoining the rail corridor, and particularly those in Chinatown, date after 1901. In 1973, nearly 36 acres of the area called Chinatown were added to the National Register of Historic Places (National Register Information System Number 73000658). The district is generally bounded by "Beretania St. on NE, Nuuanu

Stream on N, Nuuanu Ave. on SE, and Honolulu Harbor” (National Register Nomination Form, January 17, 1973).

As has been the history of the larger Honolulu region, the landscape of Chinatown is also changing. While a number of the post-1900 buildings are still in use, change is always occurring, not only in the nature of goods and business endeavors, but also in the makeup of the purveyors and merchants. With the National Register Bulletin No. 38 (Parker & King, 1990:6) as the reference, Chinatown was the only “Traditional Cultural Property” identified along the entire HART rail route (Cultural Surveys Hawai‘i, 2011:76). While there is no remnant of the “traditional” Hawaiian period visible above the surface of the ground, it is known that the multi-layered history of the region spans centuries of Hawaiian residency, traditions, beliefs and practices, and a shorter period of time in cultural overlays since the early 1800s. The underlying foundation of the proposed route is a Hawaiian landscape. Place names document the occurrence of sacred and storied sites, and the po‘e kahiko still walk the land. Thus, in the minds of many Hawaiians, the places identified in this study, along with many others, are still considered to be traditional cultural properties. All land in Hawai‘i will always be culturally significant and storied. It is the spirit of place that resonates with Hawaiians of the modern day.

With the strategic importance of Hawaii in the Pacific, Pier 7 also played a role in military operations, especially during World War II. The attack on Pearl Harbor in 1941 by Japanese forces highlighted the strategic significance of Honolulu Harbor and its facilities, including Pier 7. The harbor and its piers were adapted to meet military needs, serving as a logistical base for the United States Navy and Army, facilitating the movement of troops, equipment, and supplies during the war.

Post-World War II, as peace and normalcy returned, Pier 7 along with Honolulu Harbor, shifted focus back to commercial activities, contributing to Hawaii's economic recovery and growth. The latter half of the 20th century saw significant improvements and expansions in harbor facilities to accommodate modern shipping technology, including containerization, which revolutionized maritime transport. In recent decades, Pier 7 has continued to evolve, reflecting changes in global shipping trends, environmental regulations, and Hawaii's own economic shifts. Efforts have been made to modernize the facilities while balancing the needs of commercial operations, tourism, and local communities.

Today, while still serving its primary function in shipping and trade, Pier 7 and the surrounding area have also become points of cultural and tourist interest. The harbor area offers insights into Honolulu's rich maritime history, its role in World War II, and its significance in Hawaii's economic development. Projects and initiatives often aim to preserve this heritage while promoting sustainable tourism and educational opportunities.

4.0 Cultural Resources

Cultural resources can be natural, tangible or intangible. They are most commonly considered physical evidence of past human activity and can be a site, object, landscape, structure; or a site, structure, landscape, object or natural feature of significance to a group of people traditionally associated with it. A more comprehensive definition also considers places of cultural importance and biological resources of cultural importance. There are also intangible cultural resources, which may have not had physical form, but contribute to the cultural identity of a group.

4.1 Historic and Cultural Sites

The archaeological literature review and field identification report identified archaeological studies have been conducted in the project area. They are discussed in that report.

4.1.1 Healani Hale

One site was identified through the ethnographic data is Kalākaua's boathouse. The history of King Kalākaua's boathouse starts with his keen interest in navigation, marine activities, and the promotion of Hawaii as a center of the Pacific. His reign was marked by significant efforts to strengthen the ties between the Hawaiian islands and the broader Pacific and global communities, partly through the encouragement of maritime activities.

The boathouse was constructed at the harbor, in the vicinity of the king's personal residence, the 'Iolani Palace, and his beach house. The exact date of construction is not well-documented, but it is believed to have been built in the late 1870s or early 1880s. This structure was not merely a storage space for canoes and boats but served as a symbol of the king's affinity for the sea and his desire to link Hawaiian cultural traditions with the modern world.

Kalākaua's boathouse was used for both personal recreation and official events. It was a site for hosting dignitaries and guests, showcasing Hawaiian hospitality and the importance of the ocean in Hawaiian culture. The boathouse also played a role in the king's efforts to revive traditional Hawaiian sports, including outrigger canoe racing, which he promoted during his reign.

While specific architectural details of the boathouse are scarce, it is known to have been designed in a style that blended Western and Hawaiian elements, reflecting Kalākaua's overall vision for Hawai'i. The structure likely featured open spaces to accommodate the canoes and boats, with areas designated for gatherings and possibly adorned with Hawaiian motifs and symbols to celebrate the islands' heritage. The maritime center would be built on the site of the former boathouse.



Figure 11. Image of Kalākaua's boathouse, named Healani Hale. It once stood at the location of the current Pier 7. Hawaii State Archives, call number: PP-96-14-007



Figure 12. Louis Stevenson with Lloyd Osbourne and King Kalakaua in the King's Boat House (1889). Hawaii State Archives, call number: PP-96-14-001



Figure 13. Royal luau, at King's Boathouse in honor of Mr. and Mrs. Hoffman of London. Hawaii State Archives, call number: PPWD-15-5-008

4.2 Natural Resources with Cultural Significance

Hawaiians, like most indigenous and local communities, ascribe great cultural value to the natural resources in the environment around them. Some of these are discussed below.

4.2.1 Wind

Winds, like rains, can be unique and distinctive to an individual location. The most famed of Hawaiian mo'olelo about winds is by Moses Kuaea Nakuina, *Moolelo Hawaii o Pakaa a me Ku-a-Paka, na Kahu Iwikuamoo o Keawenuiaumi, ke Alii o Hawaii, a o na Moopuna hoi a Laamaomao* (The Hawaiian Story of Paka'a and Kuapaka'a, the Personal Attendants of Keawenuia'umi, the Chief of Hawai'i, and the Descendants of La'amaomao), published in Hawaiian in 1901. This mo'olelo was later translated into English as *The Wind Gourd of La'amaomao* by Sarah Nākoa and Esther T. Mookini (1992). Thus, this important mo'olelo has remained in print for over a century and is an important cultural source text within the discourse on Hawaiian history and natural resource management. Many have written about the gourd's mythical properties, which is believed to contain all the winds of Hawai'i. More than myth, the gourd itself exists in physical form and was last owned by King David Kalākaua. Today, it is held in the collection of the Bishop Museum.

According to this mo'olelo, the descendants of La'amaomao, the wind god, used the wind gourd, Ka Ipu Makani o La'amaomao, to control the winds and cause the demise of their enemies. Pāka'a and his son Kūapāka'a, La'amaomao's descendants, control the winds by chanting the wind name, which recalls that particular wind from the gourd. Each wind name is associated with a specific ahupua'a or 'āina. Pāka'a passed on his knowledge of the wind names and the gourd to Kūapāka'a, who called on all of the winds to destroy the canoe fleet of Pāka'a's enemies in the Kaiwi Channel separating O'ahu and Moloka'i. Additionally, Mary Kawena Pūkui also compiled wind names in her text *Ka Makani, mai ka puke wehewehe 'ōlelo 'o Hawaiian Dictionary* (1971).

These texts identify the follow formal wind names for the region. Common wind names are not included:

'Aoa or 'Ao'aoa (Honolulu) – name of a sea breeze at Honolulu blowing gently towards land.

Ki'owao (Nu'uaniu) – cool mountain rain accompanied by wind and fog.

Malailua (Nu'uaniu) – name of a strong, blustering wind at Nu'uaniu; to blow; of this wind.

'Ōlauniu (Kapālama, Honolulu) – Name of a wind. (For. 5:93).

Puahiohio (Nu‘uanu) – Redup. Of puahio; whirlwind. Puahio. To come and go swiftly, as a puff of wind.

4.2.2 Water

Fresh water (wai) is of tremendous significance to Native Hawaiians. It is closely associated with many Hawaiian gods. According to traditional accounts, Kāne and Kanaloa were the “water finders:” “Ka-ne and Kanaloa were the water-finders, opening springs and pools over all the islands, each pool known now as Ka-Wai-a-ke-Akua (The water provided by a god)” (Westervelt 1915, 38). Kāne is widely known to be closely associated with all forms of water, as outlined in the mele “He Mele No Kane.”

There was no element more important or precious than water. There was no god more powerful than Kāne. Pua Kanahale recounts the oli “‘O Kāne, ‘o wai ia ali‘i o Hawai‘i?” and notes of the oli: “The chant begins with Kāne and focuses on this deity as the connective force of all the po‘e akua, or god family. All the entities mentioned in each paukū, or verse, are a manifestation of Kāne” (Kanahale 2011, 24). The association between water and Kāne is logical considering certain interpretations of Hawaiian mythology identify Kāne as the most powerful of all the Hawaiian gods.

Further investigation into the relationship between Kāne and Pele would be appropriate and helpful. Some interpretations identify Kāne as Pele’s father (Westervelt 1915). A full analysis of the different perspectives on Pele and Kāne would be helpful to refining an approach in developing community education programs for geothermal energy and culture. A brief analysis is provided below.

He Mele No Kāne

E ui aku ana au iā ‘oe,
Aia i hea ka Wai a Kāne?
Aia i lalo, i ka honua, i ka Wai hū,
I ka wai kau a Kāne me Kanaloa-
He waipuna, he wai e inu,
He wai e mana, he wai e ola,
E ola no, ‘ea!

One question I ask of you:
Where flows the water of Kane?
Deep in the ground, in the gushing spring,
In the ducts of Kane and Kanaloa,
A well spring of water, to quaff,
A water of magic power- The water of life!
Life! O give us this life!

This mele and other mo‘olelo are clear: Kāne is water. It is deeply valued among the Hawaiian people. The only exceptions may be mist, known to be associated with Lilinoe, and snow, associated with Poli‘ahu. There is an extensive body of traditional knowledge about the expeditions of Kāne and Kanaloa during which Kāne drove his ‘ō‘ō (digging stick) into the earth in search of water. The bay where the harbor now exists was known as Māmala.

4.2.3 Biological Resources

A biological assessment was prepared for the project and is incorporated herein by reference.

4.3 Intangible Cultural Resources

It is important to note that Honua Consulting's unique methodology divides cultural resources into two categories: biocultural resources and built environment resources. We define biocultural resources as elements that exist naturally in Hawai'i without human contact. These resources and their significance can be shown, proven, and observed through oral histories and literature. We define built environment resources as elements that exist through human interaction with biocultural resources whose existence and history can be defined, examined, and proven through anthropological and archaeological observation. Utilizing this methodology is critical in the preparation of a CIA as many resources, such as those related to akua, do not necessarily result in material evidence, but nonetheless are significant to members of the Native Hawaiian community.

Hawaiian culture views natural and cultural resources as being one and the same: without the resources provided by nature, cultural resources could and would not be procured. From a Hawaiian perspective, all natural and cultural resources are interrelated, and all natural and cultural resources are culturally significant. Kepā Maly, ethnographer and Hawaiian language scholar, points out, "In any culturally sensitive discussion on land use in Hawaii, one must understand that Hawaiian culture evolved in close partnership with its natural environment. Thus, Hawaiian culture does not have a clear dividing line of where culture ends and nature begins" (Maly 2001, 1).

4.3.1 'Ōlelo No'eau

'Ōlelo no'eau are another source of cultural information about the area. 'Ōlelo no'eau literally means "wise saying," and they encompass a wide variety of literary techniques and multiple layers of meaning common in the Hawaiian language. Considered to be the highest form of cultural expression in old Hawai'i, 'ōlelo no'eau bring us closer to understanding the everyday thoughts, customs, and lives of those that created them. There is no identified 'ōlelo no'eau for the Honolulu Harbor area specifically.

656 He kai hele kohana ko Māmala.

A sea for going naked is at Māmala.

The entrance to Honolulu Harbor was known as Māmala. In time of war the people took off their clothes and traveled along the reef to avoid meeting the enemy on land.

1510 Ka nuku o Māmala.

The mouth of Māmala.

The entrance to Honolulu Harbor, named for a shark goddess who once lived in the vicinity.

1685 Ke awa la'i lulu o Kou.
The peaceful harbor of Kou.
 Honolulu Harbor.

4.3.2 Mele (Songs)

The *Buke Mele Lahui* (Hawaiian National Songbook), published in 1895, is “the largest number of political and patriotic Hawaiian songs ever printed in one place,” featuring mele that “echo the steadfast resilience of Hawaiians of that time as they weathered the political turbulence of the 1880s and 1890s that completely altered their world” through the overthrow and establishment of a foreign-led provisional government and subsequent annexation to the U.S. (Nogelmeier and Stillman 2003, xii). The following mele are all inspired by the Honolulu Harbor, neighboring Aloha Tower, or post-contact historic events that occurred in the vicinity.

4.3.2.1 Honolulu Harbor

Honolulu Harbor - Mary Pula'a Robins

Kaulana mai nei Honolulu Harbor ‘O ka ipu kukui mālamalama	Famous is Honolulu Harbor The shining beacon
He nani no ‘oe ua ‘ike ‘ia A ka nui manu a’e pōhai nei	You see the beauty Surrounded by sounds of the birds
Kū mai o Robins me ka hiehie He ui ninau ia Henry Aa	
E ‘uleu kua a e pono ai I loa’a ka makani ma i luna mai	
Ho‘ike piha ‘oe i kou ike Noia nowelo a ike okamai	
O ka pāia keleawe o hulali ana ‘Ō ‘apu‘u kaimana ‘ālohilohi	**The metal walls reflect A mound of diamond splendor
Ua hana no‘eau ‘ia e Pālani Ke pipi‘o nei e ke ānuenuē	Decorated skillfully by the French The rainbow's arch

O ka pipi'o no ia Honolulu Harbor A welo ē ka hae helu 'ekahi	The arch in Honolulu Harbor The first flag flies
Lohe aku Kaleponi he 'āina nani Ua kau ka hōkū i waena konu	California, a beautiful land, heeds The star fixed in the center
O ka piue kohu ana ko umauma E owaka e ika naula i Kilauea	
Ka moena weleweka ka moena ia O pu'u kaimana kau umauma *(Ke 'ala laua'e e moani nei)	**Velvet mat is the carpet One great diamond mound *(The fragrance of laua'e is borne)
Imua kāua a lanakila Ke Akua mau loa kou kokua	Forward to our destination With the help of God
Hea aku au e ō mai 'oe E ō e Robins i kou inoa	When I call, you answer Robins, answer to your name
*Hō'ike a'e 'oe a i kou nani I ka mālamalama 'oi kelakela	Show your beauty The far-reaching light
*Ha'ina 'ia mai 'ana ka puana O ka ipu kukui mālamalama	The story is told Of the shining beacon
E ō e Honolulu Harbor kou inoa O ka ipu kukui mālamalama	When I call, Honolulu Harbor, answer to your name, The shining beacon
*These verses and alternate stanza, do not appear in the original publication, but are commonly sung today	**Stanzas similar to verses in Royal Hawaiian Hotel *

Source: This mele appeared in Nupepa Kuokoa, June, 1919, under the title: He Hula E.E. Robins - Haku'ia , Mrs. Mary Robins. Translation by Kini Sullivan (Huapala)

4.3.2.2 He Aloha Nō 'O Honolulu

He Aloha Nō 'O Honolulu (Goodbye to Honolulu) - by Lot Kauwe

He aloha nō 'o Honolulu
I ka ua Kūkalahale
Ka nuku a'ō Māmala
'Au a'e nei mahope
Kau mai ana mamua
Ka malu 'ulu a'ō Lele
Kukui 'a'ā mau
Pio 'ole i ke Kaua'ula

'Au aku i ke kai loa
Oni mai ana 'o 'Upolu
Ho'okomo iā Mahukona
Ka makani 'Āpa'apa'a
E wiki 'oe 'apa nei
Eia a'e 'o Kawaihae
Ho'ohaehae Nāulu
Ka makani Ku'ehu 'ale

Ka hao a ka Mūmuku
Poho pono nā pe'a heke
'O ka heke a'ō nā Kona
I ke kai mā'oki'oki
Ki'ina ke koi'i koi
I ka piko o Hualālai
A I`i wale ke kaunu
'A'ole pahuna hala
Hala 'ole nō ka ua

I ke kole maka onaona
E haupā 'oe a kena
I ka piko 'oe lihalaha
Hāli'ali'a mai ana
Kou aloha kākia iwi
Ho'okomo iā Honu'apo
I ke kai kauha'a

Ha'alele ka Maunaloa
I ka pohu la'i a'ō Kona
Ho'okomo iā Ho'okena
I ka pewa a'ō ka manini

Goodby Honolulu
In the Kūkalahale rain
Māmala, the entrance of Honolulu Harbor
Lies behind
Ahead
The shady groves of Lele
Lighthouse is always burning
And not extinguished by the Kaua'ula rain

Sailing out to the open sea
'Upolu point appears
Take shelter at Mahukona
From the 'Āpa'apa'a wind
Hurry, so we may tarry
Here at Kawaihae
From the Nāulu showers and
The wind that stirs the waves

The Mūmuku wind gusts
Filling the top sails
Kona is the best
Of the streaked sea
Urging on
To the center of Hualālai
Peace overwhelms
After the piercing

The rain does not pass
The sweet-eyed kole
Eat heartily
Especially the belly, so fat and choice
Remembering
Your love in the depths of my soul
Entering Honu'apo
The sea is dancing

Leave the Maunaloa
In the calm night of Kona
Enter Ho'okena
Like the tail of the manini
Tell the refrain

Ha'ina mai ka puana	Kona is the best
'O ka heke nō nā Kona	Kona of the calm sea
No Kona ke kai malino	Famous among multitudes
Kaulana i ka lehulehu	

Source: Lot Kauwe was an accomplished singer, dancer, musician, composer and entertainer whose talents went beyond the stage. He was known to set his indiscretions to music, veiled in kaona. This is one of his best known compositions and tells of his return home from Honolulu to Kona, aboard the inter-island steamer, Maunaloa. Verse 1, the house, in many instances, is symbolic of a long term lover. Kaua'ula waterfall in stanza #8, is near Lele, short for Lahaina. 'Apa'apa'a, Kuehu'ale in verse #2 and Mūmuki in verse #3 are names of Kona winds. The kole and manini fish in verses 3 and 4 are terms of endearment. Place names, such as Ho'okena, are used as a play on words in many love songs. (Huapala)

4.3.2.3 Aloha Tower

Aloha Tower - Clarence Kinney

Oheohe Aloha Tower a'e kū nei
Kilakila i ke awa a'o Honolulu

'O ka ipu kukui e 'ānapanapa
Kou mālamalama u'i kelakela

Nāu e mālama a'e helu pono
I ka manawa pololei a'o ke kaona

'O kāu hana mau lā 'o ka ho'okipa
'O nā malihini a'e pōhai nei

Ha'ina ka puana me ka maluhia
Oheohe Aloha Tower a'e kū nei

Aloha Tower stands tall and majestic
At the harbor of Honolulu

Your beacon light shines bright
Beaming with a beautiful glow

It's you that keeps a careful watch and
Maintains the accurate time for the town

Your function is to welcome
The visitors that gather here

Here now the refrain with peace
Aloha tower stands tall

Source: - In 1924, construction began on Aloha Tower, a 10-story skyscraper, at the cost of \$190,000. It was completed in a year and a half and became the landmark of Honolulu. The 4 clocks, each face 12 feet in diameter and facing different directions, were made of bronze and weighed 7 tons each. The beacon could be seen 20 miles out at sea. This was composed in 1928 to honor Aloha Tower. Translator unknown. Hawaiian Text edited by Puakea Nogelmeier. (Huapala)

4.3.2.4 Pelekane

Pelekane (England) - Elizabeth Kuahaia

Hakakā kaulana puni i ke ao lā Ke kaula weliweli ma Eulopa	Famous conflict throughout the world The terrible war in Europe
Ma ka nūpepa i ha'i maila lā 'O ka topeto kau i ka beli	In the newspapers it said The torpedo struck the belly (of the ship)
Weliweli nā hana ke 'ike aku lā 'O nei lima koko he aloha 'ole	Dreadful deeds, horrible to look upon Merciless bloody hands
Ha'ina 'ia mai ana ka puana lā Ke kaula weliweli ma Eulopa	Let the story be told Of the terrible war in Europe

Source: Hawaiian Historical Society - Translated by Leialoha Kamai and Lalepa Koga Recorded by Pound 4 Pound - The sinking of the Lusitania is immortalized in this mele. The Lusitania was a British cargo and passenger ship that sailed the Atlantic between England and the United States. She was proclaimed a floating palace by her passengers on her maiden voyage June 7, 1906. Voyages across the Atlantic were peaceful, but as World War I escalated, the situation became precarious as German U-boats roamed the seas. Over-confident because of her reserve speed capabilities, which would enable her to flee under attack, the ship set out from New York to England May 1, 1915, in spite of threats by German authorities. A number

of Americans were aboard, including tycoon Alfred Vanderbilt and noted theatre producer, Charles Frohman. May 7, with the coast of Ireland in sight, a German submarine torpedoed the Lusitania. She took a solid hit, but there was no explosion. Water rushed into the first and second boiler rooms causing the ship to shake from side to side, before a second massive explosion took her down to the sea within 20 minutes. The Lusitania may have been torpedoed a second or third time taking 1,195 souls, 123 of them American. 764 were saved. When news of the tragedy finally reached Hawai'i, the anger and grief was not diminished. The inspiration to remember this event may have been generated by a recent submarine tragedy. March 25, 1915, the U.S. submarine Skate, with a crew of 21 men, exploded and sank outside Honolulu harbor. Desperate attempts to make contact with the vessel, submerged in more than 300 feet, were fruitless and deep-sea divers were unable to reach that depth, the local diving record being 215 feet in those days. The 350-ton, 142 foot craft arrived in Honolulu, August 1914, as part of a flotilla of 4 submarines of the First Submarine Division of the Pacific Fleet. Three times a week at 9 a.m, the subs would go on a one-hour practice run, but ever since their arrival at Pearl Harbor, one thing after another seemed to go wrong for the Skate. On the last run, the sub cruised to about a mile and a half south of the harbor and made its dive. Later that morning, the empty sub's berth was not of immediate concern, but as the afternoon passed, anxiety heightened. At 3 p.m. the commander of the unit ordered a search party. The lighthouse keeper at the entrance of Honolulu Harbor reported hearing an explosion just after the Skate disappeared. Oil bubbles were spotted in the water where the submarine had slipped beneath the surface. As darkness descended and news of the disaster spread, locals gathered at the piers to pray and watch for the rescue ships. The rescue, turned into salvage operation, would last 5 months and was unprecedented in maritime history. The wreckage of the Skate was raised and towed to Honolulu harbor August 29. Navy Board of Investigation's report found many defects in American submarines and suggested all F-class submarines were not in a safe condition for use on long dives. Immediate improvements in submarine construction and performance were ordered. After the investigation, the wreckage was towed to Pearl Harbor, re-sunk and forgotten. It's final resting place is not far from the USS Arizona Memorial. (Huapala)

5.0 Traditional or Customary Practices

In traditional (pre-western contact) culture, named localities served a variety of functions, informing people about: (1) places where the gods walked the earth and changed the lives of people for good or worse; (2) heiau or other features of ceremonial importance; (3) triangulation points such as ko'a (fishing markers) for fishing grounds and fishing sites (4) residences and burial sites; (5) areas of planting; (6) water sources; (7) trails and trail side resting places (o'io'ina), such as a rock shelter or tree shaded spot; (8) the sources of particular natural resources/resource collections areas, or any number of other features; or (9) notable events which occurred at a given area. Through place names knowledge of the past and places of significance was handed down across countless generations. There is an extensive collection of native place names recorded in the mo'olelo (traditions and historical accounts) published in Hawaiian newspapers.

Hawaiian environmental resilience was a regular part of traditional life. Famed anthropologist Marion Kelly wrote:

Changes made by Hawaiians, as in the case of fishpond building, enhance the food productivity for the people as they modify or adapt some elements of the environment, without creating unplanned, extensive and irreversible destructions of other important elements of the original environment. ... The dedication of Hawaiian society to the concept of *malama* (caring) is basically a conservation value. Sometimes it is explained as a belief that the land and sea in the last analysis “belonged” to the gods. Permission for the use of the gods’ domain was continually asked of them through religious ceremonies, large and small. Works of Hawaiians, both on land and in the sea, were so carefully planned, engineered and executed that they enhanced productively without massive environmental degradation following as a result... (Kelly 2000).

This is not intended to be a comprehensive list of all the practices that historically or contemporaneously occur in Waiakalua. This is meant to show the range of traditional or customary practices that took place in the larger geographic extent.

5.1 Mo'olelo

Mo'olelo is the practice of storytelling and developing oral histories for the purpose of transmitting knowledge information and values intergenerationally. Mo'olelo are particularly critical in protecting and preserving traditional culture in that they are the primary form through which information was transmitted over many generations in the Hawaiian Islands and particularly in the Native Hawaiian community. In a collection of essays about mo'olelo, professors C.M. Kaliko Baker and Tammy Haili'ōpua Baker explain: “*Mo'olelo*, loosely translated as stories and histories, are the *kūkulu* “pillars” that shoulder and chronicle

Kanaka Maoli narratives and beliefs. The mo‘o, or successions, of ‘ōlelo “words” are the foundation for the many genres of mo‘olelo which collectively represent the prowess of the Kanaka Maoli literary canon” (2023, 2).

Storytelling, oral histories, and oration are widely practiced throughout Polynesia and important in compiling the ethnohistory of the area. The Native Hawaiian newspapers were particularly valued for their regular publication of different mo‘olelo about native Hawaiian history. Were it not for the newspapers having the foresight to allow for the printing and publication of mo‘olelo, far less information about the cultural history of the Hawaiian people would be available today.

There are some mo‘olelo about Honolulu Harbor and the Honolulu area. The large body of mo‘olelo from in the geographic extent in not included. These mo‘olelo are provided in **Section 3.2 (Traditional Period)**, **Section 3.3 (Historic Period)** and in **Section 4.0 (Cultural Resources)**.

5.2 Habitation

Hawaiians lived extensively throughout the islands. Handy, Handy, and Pukui (1991) identify how different kānaka and their ‘ohana lived in accordance with what the authors termed “occupational contrasts” (286), meaning that based on occupation (i.e., planter or fisherman, for example), habitation systems differed. They describe, “The typical homestead or *kauhale*... consisted of the sleeping or common house, the men’s house, women’s eating house, and storehouse, and generally stood in relative isolation in dispersed communities. It was only when topography or the physical character of an area required close proximity of homes that villages exist. There was no term for village. *Kauhale* meant homestead, and when there were a number of *kauhale* close together the same term was used. The old Hawaiians, in other words, had no conception of village or town as a corporate social entity. The terrain and the subsistence economy natural created the dispersed community of scattered homesteads” (284).

The place names for this area reveal that there were house lots and other lands claimed by Native tenants in the area, mostly prior to foreign contact. No native habitants actively remain on these lands, as they converted for infrastructure early in the days of the Kingdom, even going back to the time of Kamehameha.

5.3 Travel and Trail Usage

The ability to travel was essential to Hawaiians and enabled their sustainability. Travel, and the freedom to move throughout different areas, had different names, including huaka‘i, ka‘apuni, or ka‘ahele. Traveling by sea had distinct names as well, like ‘aumoana. Traveling through the mountains was sometimes referred to as hele mauna. Travel, and moving throughout various places and regions was an essential practice and way of life in traditional Hawai‘i.

The freedom to travel safely was so important that Kamehameha I would come to pass a well-known law protecting travelers, *Ke Kānāwai Māmalahoe* (The Law of the Splintered Paddle). It is explained by the William S. Richardson School of Law as follows:

As a young warrior chief, Kamehameha the Great came upon commoners fishing along the shoreline. He attacked the fishermen, but during the struggle caught his foot in a lava crevice. One of the fleeing fishermen turned and broke a canoe paddle over the young chief’s head. The fisherman’s act reminded Kamehameha that human life was precious and deserved respect, and that it is wrong for the powerful to mistreat those who may be weaker.

Years later when Kamehameha became ruler of Hawai‘i, he declared one of his first laws, *Ke Kānāwai Māmalahoe* (the Law of the Splintered Paddle), which guaranteed the safety of the highways to all. This royal edict was law over the entire Hawaiian kingdom during the reign of Kamehameha the Great. Considered one of the most important *kānāwai* (royal edict), the law gave the Hawaiian people an era of freedom from violent assault (William S. Richardson School of Law 2021).

The *kānāwai* (law) reads:

E nā kānaka	O my people
E mālama ‘oukou i ke akua	Honor thy god
A e mālama ho‘i	Respect alike, the rights of
Ke kānaka nui a me kānaka iki	All men great and humble
E hele ka ‘elemakule	See to it that our aged,
Ka luahine, a me ke kama	Our women, and children
A moe i ke ala	Lie down to sleep by the roadside
A‘ohe mea nana e ho‘opilikia	Without fear of harm
Hewa no, make	Disobey, and die

The law would have such long-lasting resonance that it would be expressly incorporated into the Hawai‘i State Constitution.²

The presence of the bay and the canoe hale built by Kalākaua indicate that canoe travel continued in the area through the 19th century and possibly as late as the early 20th century.

5.4 Fishing

² Article IX. Section 10 of the Hawaii State Constitution reads: “The law of the splintered paddle, *mamala-hoe kanawai*, decreed by Kamehameha I—Let every elderly person, woman and child lie by the roadside in safety—shall be a unique and living symbol of the State's concern for public safety.”

The nearshore reef environment provides a rich biodiversity that has helped to sustain this community for generations. Honolulu, with fresh water resources that come down to the bay from Nu‘uahu, traditionally enjoyed a healthy ocean environment, which would have been effectively utilized by traditional practitioners.

This ocean expertise was critical to traditional Hawaiian practices. In *Hawaiian Fishing Traditions*, Moses Manu and Others write,

With a knowledge of fishing areas and seasons and an array of implements that included hooks and lines, lures, nets, basket traps, poisonous plants, and spears, a fisher supplied his family or his ali‘i with fish and shellsih from streams, fishponds, reefs, and ocean. Sometimes the catch was so huge, fish could be fed to teh pigs and dogs, with some left over to dry as food or fuel for fire; some was left to rot. Those fishers that could supply large amounts of fish from ponds or catches at sea were belieed to possess mana kupua, or supernatural power, to attract fish at will or make them multiply. Successful fishing implements, such as hooks or cowry shell lures became famous and were prised, passed on to heirs, and sometimes fought over (Manu 2006, ix).

Fishing rights were originally linked to ahupua‘a rights; there was important continuity between mountain ridges out to fringing reefs. Figure 10 shows the identified fisheries in both Honolulu Harbor and neighboring Pearl Harbor. Fishing may continue in the area off the Pier.

5.5 Kilo

Kilo are observational traditions and people who examine, observe, or forecast are identified as kilo and serve as traditional climate and weather experts. Kilo “references a Hawaiian observation approach which includes watching or observing [the] environment and resources by listening to the subtleties of place to help guide decisions for management and pono practices” (‘Āuamo Portal 2021). The practice of kilo is seeing a resurgence on Hawai‘i Island and in the Hawaiian Islands.

Kilo hōkū are traditional astronomers, or those who study the stars. A hale kilo or hale kilo hōkū were observatories or star observatories respectfully. Kilo makani were those who traditionally observed the winds. Kilo moana were traditionally oceanographers. Kilo ‘uhane were those who observed and communicated with spirits.

Traditionally the practice of kilo or observation was critical to the management of traditional Hawaiian landscapes. This practice is very closely tied to traditional or customary access as observers would require access to specific vistas viewsheds or areas in order to observe environmental phenomenon.

As illustrated in the proceeding section, Native Hawaiians created a wide range of terms for the environment and understanding the ecosystems around them. These terms were often quite specific, and many were tied closely to a specific geographic area. This level of specificity illustrated the close kinship Hawaiians shared to their surrounding environment. The ability to observe and understand all elements of their ecosystem was essential to both the successful care of natural resources and the survival of the Hawaiian people.

The ability to effectively and accurately read weather phenomena was essential to the ability of Hawaiian people who farm, fish, navigate, and conduct any number of practices in a sustainable and successful manner. The knowledge Hawaiians acquired about their environment around them, including weather phenomena were the result of multi-generational observations that comprised an extensive body of information passed down through oral traditions. The following Hawaiian names and their descriptions of weather phenomena include words for clouds, rains, and winds that are utilized by kilo to help guide activities and practices:

ao akua – godly cloud, figurative representative of a rainbow.

ao loa – long cloud or high, distant cloud. Status cloud along the horizon.

ao 'ōnohi – cloud with rainbow, 'ōnohi, colors contained within it.

ao pua'a – cumulus clouds of various sizes piled together, like a mother pig with piglets clustered around her. The Kona coast is famous for ao pua'a, a sign of good weather and no impending storms.

ao pehupehu – continually growing cumulus typical of summer. Drifting with the tradewinds, these clouds pick up moisture and darken at their base, finally releasing their rain on the windward mountain cliffs.

ho'omalumalu – sheltering cloud.

ho'oweliweli – threatening cloud.

ānuenuē – rainbow, a favorable omen.

ua loa – extended rainstorm.

ua poko – short rain spell.

Most kilo practices off the pier would be associated with the ocean, specifically observing ocean conditions prior to going to fish or dive. Fishing practices are discussed in **Section 5.4**.

5.6 Haku Mele, Haku Oli, and Hula

This practice is related to the composition of song and chants. This is a practice that has existed for many centuries in the Hawaiian culture. When the Hawaiian culture primarily relied on an oral tradition to pass on knowledge and information, the ability to create songs and chants was essential to pass information from one generation to the next. As Donaghy (2013) notes, Hawaiians had hundreds of terms associated with this practice.

Songs and chants are largely influenced by the environment around them. As a pedagogical device it was important if not imperative that these songs or chants effectively captured data

from the environment around the composer and passed on this information for others to utilize when managing natural resources. In a very real sense, the land and natural resources act as a muse for composers. The category of songs that provide information on or speak to natural resources are called mele 'āina (songs of the land). As shown in the previous section, there are numerous traditional chants and songs about the project area and its surrounding landscape.

Much like mele and oli, hula serves as a way of both honoring place and telling the story of place. Many hula, especially those based on mele 'āina, require intimate understanding of the place where the mele was composed, including the natural elements of that 'āina. Hula hālau will regularly take huaka'i, or journeys, to visit and honor the place a particular mele speaks of. The ability to visit the place and learn about it is important to the practice of hula. There are numerous mele written specifically for Honolulu Harbor, they are provided in Section 4.3.2.

6.0 Ethnographic Data

As discussed previously in **Section 2.6 (Ethnographic Methodology)**, information was collected from a wide range of individuals and sources. The findings of those efforts are discussed in this section. Ethnographic data is utilized to supplement the other research methods utilized. It is one in a range of research tools employed to gather information about the project area.

Honua Consulting was tasked with gathering information from individuals with lineal and cultural ties to the area and its vicinity regarding regional biocultural resources, potential impacts to these biocultural resources, and mitigation measures to minimize and/or avoid these impacts.

The bulk of the information available from practitioners and kūpuna were drawn from native testimonies and Hawaiian language sources and integrated into the cultural and historic overview section of this survey. Those sources, along with responses to this project, were considered when researching the traditional or customary practices discussed in a previous section.

Interviews were conducted with three (3) Native Hawaiian residents. All live in and/or are familiar with the Honolulu Harbor area.

6.1 Interview with Dreana Kalili

Dreana (Dre) Kalili is a highly respected leader in the Native Hawaiian community. She is currently the President of the Association of Hawaiian Civic Clubs. Founded by Prince Kūhiō in 1918, the Hawaiian Civic Club movement is the oldest Native Hawaiian community-based advocacy movement. The Association of Hawaiian Civic Clubs is a not-for-profit organization that is a confederation of individual and autonomous Hawaiian Civic Clubs located across Hawai'i and across the continental United States. Our clubs are organized into five councils: Moku o Keawe (Hawai'i Council), Nā Hono A'o Pi'ilani (Maui Council), Ke One o Kākuhihewa (O'ahu Council), Moku o Manokalanipō (Kaua'i Council), and Nā Lei Makalapua (Mainland Council). It is governed by an 18-member volunteer Board of Directors and advocates for improved welfare of Native Hawaiians in culture, health, economic development, education, social welfare, and nationhood, and perpetuates and preserves language, history, music, dance and other Native Hawaiian cultural traditions.

Dre is also the State of Hawaii Department of Transportation Deputy Director for Harbors. Most recently, Dre served as the Special Projects Manager for the department's highways division, leading the \$25 million broadband pilot project to fiber-enable highway facilities and provide free high-speed internet service in eight underserved communities statewide. She also collaborated with federal, state, and county stakeholders to implement the Infrastructure Investment and Jobs Act and worked to expend this new funding, and prepared discretionary grant applications for various highway programs.

She also served as an Interim Deputy Director and Executive Assistant for the City and County of Honolulu's Department of Transportation Services, Business Development Manager for DOT, Policy and Program Analyst for the Department of Hawaiian Home Lands, and as a Projects Director for Government Affairs and Business Development for the Native Affairs and Development Group in Washington D.C.

When asked about the project area, Dre understood it once be an important place for Native Hawaiians prior to foreign contact. She also recalled that Pier 7 specifically was the prior location of King Kalakaua's boat house. This was an important site for his dynasty, as he often held events there and took important meetings there. She is not aware of any traditional practices that continue to be held at Pier 7, but she did not that there are Hawaiian mele written about Honolulu Harbor. She does not believe this project would adversely impact cultural resources or traditional practices. She believes that it would be good for the project to consider integrity native plants into the landscaping space.

6.2 Interview with Na'alehu Anthony

Na'aluhu Anthony is a Native Hawaiian storyteller and documentary filmmaker. He is the co-founder of 'Oiwī TV and the 'Āina Aloha coalition and directs and produces documentaries and oral histories through his production company, Palikū Documentary Films. He has produced and directed a number of films including the award-winning PBS Documentary of Mau Piailug: The Wayfinder. He is a frequent advisor to the film industry.

Anthony also is vice chairman and O'ahu commissioner for the Native Hawaiian Roll Commission. He has served as a crew member of the Polynesian Voyaging Society since 1995 and more recently as a captain aboard Hōkūle'a, sailing more than 12,000 miles on the canoe's Worldwide Voyage, which began in 2013. He has documented all the major voyages made by Hōkūle'a. Nā'ālehu holds an MBA and a BA in Hawaiian Studies from UH-Manoa. He is a 1993 graduate of Kamehameha Schools and lives in Nu'uānu.

Anthony joined the Board of Water Supply (BWS) Board of Directors in January 2021. He became Chair of the Board effective July 2023.

Anthony noted that the entire Māmāla area was important for canoe travel, which was one of the primary means of travel in traditional Hawai'i. He further explained that the entire ahupua'a was a well-known wahi pana, as there are many mo'olelo about speak about the importance of the entire ahupua'a. The Honolulu area would become an important seat of political power for the Kingdom, as Kamehameha moved the capital of the Kingdom to Honolulu. He did so in part due to Honolulu Harbor, which had a larger, deep port allowing for more commerce to come through. Recognizing the economic importance that was growing in Honolulu, Kamehameha III decided to relocate the sovereign government's capital there.

Anthony notes that Pier 7 has not been effectively used in years, and the development of an art space, specifically one that would bring a renowned museum to Honolulu would be welcomed. He suggested that the museum utilized as much Hawaiian language and culture as possible in the space, considering its historic importance to the Hawaiian people and the Hawaiian Kingdom. He does not believe the project would adversely impact cultural resources or cultural practices. He does see the potential space as opportunity to integrate the Hawaiian culture and potentially invite collaborations with Hawaiian artists or cultural events.

6.3 Interview with Elmer Ka'ai

Elmer is a proud graduate of the University of Hawai'i at Mānoa. He has been with the Mānoa since 2008 after working in both the private and public sectors. Although his field of study is in human development, his professional career over the last forty-plus years has centered around leadership, legal and land title research, organizational capacity, planning, and public policy. As the government relations and community affairs liaison, Elmer is often provided challenging and confidential matters that require transparency and forthright solutions. Elmer also serves as his family's genealogist, which he is extremely passionate about and will humbly tell you that it is simply his "kuleana."

He is also President and Chairman of Hui Kāko'o 'Āina Ho'opulapula, which is the nationwide organization representing native Hawaiian homestead beneficiaries on the homestead waitlist. In this and other community roles, he has been a leader in the Hawaiian community for over 40 years. He was born in Honolulu and raised in Nu'uano. He continues to reside in Honolulu today.

Elmer remembers spending a lot of time in the area near the project area growing up. He said there were regular paddling activities in the Kaka'ako area, and people used to go to the beach near there often. He said his uncle used to fish in the area too. He remembers that Pier 7 and the area was already built when he was growing up.

He doesn't think the project will adversely impact cultural resources or traditional practices. He thinks it would be good to integrate the history of the area into the project, especially aspects of Hawaiian culture and history.

7.0 Impact Assessment

The project as currently conceptualized would not adversely impact cultural resources or traditional or customary practices. There are wahi pana (storied places) within the overall region in which the project area is located, but it is not anticipated that any of the resources or practices in the ahupua'a would be impacted by the project.

7.1 Impacts to Flora

Impacts to flora are addressed through the biological assessment. It was recommended though that the project integrate native plants as much as possible into the project and the landscaping.

7.2 Impacts to Fauna

Impacts to fauna are addressed through the biological assessment.

7.3 Impacts to Historic Sites

Impacts to historic sites and properties will be formally assessed through the HRS 6E-42 process, which is required for this project.

7.4 Impacts to Intangible Cultural Resources

Intangible cultural resources refer to those resources without physical form, such as hula or mele. The project is unlikely to impact any such resources.

7.5 Impacts to Cultural Practices

It is unlikely that the project would adversely impact any cultural practices as the area. Fishing occurs in the area off the pier (see **Section 5.4**), but the project would not likely impact this activity.

7.6 Cumulative and Indirect Impacts

Adverse cumulative and indirect impacts to cultural resources are often overlooked in CIAs, as they are difficult to assess. Cumulative impacts are cultural impacts that result from the incremental impacts of an activity when added to past, present, and reasonably foreseeable future actions and activities. Indirect impacts are impacts on cultural resources which are not a direct result of the project, but a secondary or tertiary result of the project. It is currently not anticipated that the project will have any cumulative or indirect impacts.

7.7 Mitigation and Best Management Practices

No impacts are anticipated, nonetheless, standard best management practices should be followed. Although recommendations regarding the integration of native plants, Hawaiian history, and cultural activities in partnership with Hawaiian artists is recommended.

8.0 Ka Pa‘akai Analysis

It has long been the law of the land that the State of Hawai‘i has an “obligation to protect the reasonable exercise of customary and traditionally exercised rights of Hawaiians to the extent feasible” *Public Access Shoreline Hawai‘i v. Hawai‘i County Planning Commission* (“PASH”) 79 Hawai‘i 425, 450 n. 43, 903 P.2d 1246, 1271 n. 43 (1995). In 2000, in the *Ka Pa‘akai* decision, the Court established a framework “to help ensure the enforcement of traditional and customary Native Hawaiian rights while reasonably accommodating competition private development interests.” 94 Hawai‘i 31, 35, 7 P.3d 1068, 1972 (2000). This analysis is used here to fulfill the goal of this CIA (**Section 1.4**).

Based on the guidelines set forth in *Ka Pa‘akai*, the Hawai‘i Supreme Court provided government agencies an analytical framework to ensure the protection and preservation of traditional and customary Native Hawaiian rights while reasonably accommodating competing private development, or other, interests. The Court has stated: “that in order to fulfill its duty to preserve and protect customary and traditional Native Hawaiian rights to the extent feasible, as required by Article XII, Section 7 of the Hawai‘i Constitution, an administrative agency must, at minimum, make specific findings of fact and conclusions of law as to the following:

- 1) The identification of valued cultural, historical, or natural resources in the project area, including the extent to which traditional and customary Native Hawaiian rights are exercised in the project area.
- 2) The extent to which those resources—including traditional and customary Native Hawaiian rights—will be affected or impaired by the proposed action; and
- 3) The feasible action, if any, to be taken to reasonably protect Native Hawaiian rights if they are found to exist. *Ka Pa‘akai*, 94, Hawaii at 47, 7 P.3d at 1084. Cited in *Matter of Contested Case Hearing Re Conservation District Use Application (CDUA) HA-3568 for the Thirty Meter Telescope at the Mauna Kea Science Reserve, Ka‘ohe Mauka, Hāmākua, Hawai‘i*, 143 Hawai‘i 379, 431 P.3d 752 (2018) (“*Mauna Kea II*”).

In order to complete a thorough CIA that complies with statutory and case law, it is necessary to fully consider information available from, and provided by, Native Hawaiian cultural practitioners and cultural descendants from the project area. From thorough research, data was extrapolated that provides a comprehensive look at the cultural resources in this ‘āina. Through this research, the factors from *State v Hanapi* are met. These factors are: “to establish that his or her conduct is constitutionally protected as a native Hawaiian right, he or she must show, at minimum, the following three factors. First, he or she must qualify as a “native Hawaiian” within the guidelines set out in PASH . . . [as] “those persons who are ‘descendants of native Hawaiians who inhabited the islands prior to 1778,’ ... regardless of their blood quantum.” Second, once a defendant qualifies as a native Hawaiian, he or she

must then establish that his or her claimed right is constitutionally protected as a customary or traditional native Hawaiian practice.... Finally, a defendant claiming his or her conduct is constitutionally protected must also prove that the exercise of the right occurred on undeveloped or “less than fully developed property.”” 89 Hawai‘i 177, 185-86, 970 P.2d. 485, 493-94 (1998).

The *Ka Pa‘akai* analysis is largely a legal analysis, as the applicable tests are legal standards. Therefore, a strong analysis is one conducted by someone with sufficient legal training. Additionally, at the core of a thoughtful *Ka Pa‘akai* analysis is a comprehensive understanding of traditional and customary practices. In breaking down the Court’s tests, it is important to the different elements that contribute to each test.

The first test - “The identification of valued cultural, historical, or natural resources in the project area, including the extent to which traditional and customary Native Hawaiian rights are exercised in the project area” – actually consists of two separate elements. First, the simple identification and existence of valued cultural, historical, or natural resources. These resources are tangible in nature. They can include sacred places, culturally valuable plants, or a religious or historic site. This survey how sought to exhaustively identified the great multitude of resources that may exist in the project area or adjacent areas.

As to this test, this survey shows there are no identified resources within the project area. Additionally, there are no identified practices occurring the project area, although numerous practices would have historically occurred in the larger region.

The second element of this first test is access. Access requires two things to occur. One is the existence of a resource. Whether a plant, an animal, a place, or site, the resource must exist in order a practitioner to access it. The second thing is physical access. This includes, but it is not limited to, the ability to physically access a plant, animal, site, or location associated with a particular practice. This can also include the traditional and customary route or path taken to access the resource. This can also include cultural protocols that existed in accessing a resource. These are often temporal, in that access protocols can be at a certain time of day or year. Makahiki would be a good example of a traditional custom that has specific cultural protocols associated with access. In the case of Makahiki, the custom takes place at a certain time of year.

Therefore, the first test under *Ka Pa‘akai* should include not only a listing of resources, but the identification of ways in which those resources are accessed and utilized in association with a traditional and customary practice.

There is no evidence that the specific project area is currently accessed for traditional or customary practices, although the larger region would have been accessed for such purposes.

Therefore, the second test under the *Ka Pa‘akai* analysis – “The extent to which those resources—including traditional and customary Native Hawaiian rights—will be affected or impaired by the proposed action” – also looks at two separate elements. The first, does the proposed action and its alternatives have an adverse impact on the existence of resources? This would include the alteration, destruction, modification, or harm of sites, including biological resources, sacred places, burial sites, etc. It also includes a loss of species. Any adverse impact or harm to resources is alone an affect or impairment caused by the proposed action.

Under this element, adverse impacts to historic sites or culturally utilized plants would all be identified adverse impacts. Under this same element, any indirect or cumulative effects would create an adverse impact under *Ka Pa‘akai* if those actions harmed resources. **It is not currently anticipated that any of these impacts would occur on this project.**

In addition to this, any action that impacts traditional and customary access to resources, even if there is not direct adverse impact to the resource itself, would result in an affect or impairment resulting from the proposed action. Therefore, the limitations on access that could result from development or use of the project area could create an adverse impact under *Ka Pa‘akai*. **Again, it is not anticipated any impacts to cultural access would result from this project.**

The third part of the *Ka Pa‘akai* framework aims to identify “[t]he feasible action, if any, to be taken to reasonably protect Native Hawaiian rights if they are found to exist.” Determining whether or not action has been suitably “feasible” is a matter for the State. These feasible actions could include continued access to the project as needed to conduct cultural practices.

As there are no resources, practices, or potential impacts, the third part of the *Ka Pa‘akai* framework becomes moot.

9.0 Conclusion

This cultural impact assessment investigated potential traditional or customary practices that occur within the proposed project area. This survey found Pier 7 was used for some traditional activities but was most known for being the location of Kalākaua's boathouse. These activities have long been discontinued.

Impacts to historic sites and properties will be formally assessed through the HRS 6E-42 process, which is required for this project.

The project is unlikely to adversely impact cultural practices. Nonetheless, it would be important for the project to implement best management practices recommended from the biological assessment and archaeological survey during the construction of the project, should there be any such recommendations. It is also advised to continue to work closely with the community to ensure there are no unintended adverse effects and that practitioners have a means of quickly contacting the project applicant with questions or concerns should any arise. It is also recommended the project integrate appropriate elements of Hawaiian landscaping, culture, and history.

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Appendix I: Glossary of Hawaiian Terms

The following list of terms were used throughout this report. All definitions were compiled using Pukui and Elbert's *Hawaiian Dictionary* (1986).

Ahupua'a	Land division usually extending from the uplands to the sea, so called because the boundary was marked by a heap (ahu) of stones surmounted by an image of a pig (pua'a), or because a pig or other tribute was laid on the altar as tax to the chief.
'Āina	Land, earth.
Akua	1. God, goddess, spirit, ghost. 2. Divine, supernatural, godly.
Ala	Path, road, trail.
Ali'i	1. Chief, chiefess, ruler, monarch. 2. Royal, regal. 3. To act as chief, reign.
'Aumakua	Family or personal gods, deified ancestors who might assume the shape of sharks, owls, hawks, dogs, plants, etc. A symbiotic relationship existed; mortals did not harm or eat them, and the 'aumakua warned or reprimanded mortals in dreams, visions, and calls.
'Aumākua	Plural of 'aumakua.
'Auwai	Irrigation ditch, canal.
Haku mele	Poet, composer; to compose song or chant.
Hālau	1. Long house, as for canoes or hula instruction; meeting house. 2. Large, numerous; much.
Hale	House, building, institution, lodge, station, hall.
Hale pili	House thatched with pili grass.
Heiau	Pre-Christian place of worship, shrine. Some heiau were elaborately constructed stone platforms, other simple earth terraces.
Hula	A Polynesian dance form accompanied by chant or song.
'Ili	Land section, next in importance to ahupua'a and usually a subdivision of an ahupua'a.
'Ili kūpono	A nearly independent 'ili land division within an ahupua'a, paying tribute to the ruling chief and not to the chief of the ahupua'a. Transfer of the ahupua'a from one chief to another did not include the 'ili kūpono located within its boundaries.
Iwi	Bone, carcass. The bones of the dead, considered the most cherished possession, were hidden, and hence there are many figurative expressions with iwi meaning life, old age.
Kalo	Taro (<i>Colocasia esculenta</i>), a kind of aroid cultivated since ancient times for food, spreading wildly from the tropics of the Old World. In Hawai'i, taro has been the staple from earliest times to the present, and

Glossary of Hawaiian Terms

	here its culture developed greatly, including more than 300 forms. All parts of the plant are eaten, its starchy root principally as poi, and its leaves as lū'au.
Kanaka	Human being, man, person, individual, party, mankind, population.
Kānaka	Plural of kanaka.
Kāne	Male, husband, male sweetheart, man; brother-in-law of a woman.
Kanikau	1. Dirge, lamentation, chant of mourning, lament. 2. To chant, wail, mourn.
Kapu	1. Taboo, prohibition. 2. Special privilege or exemption from ordinary taboo. 3. Sacredness, prohibited, forbidden, sacred, holy, consecrated. 4. No trespassing, keep out.
Kuleana	Right, privilege, concern, responsibility, title, business, property, estate, portion, jurisdiction, authority, liability, interest, claim, ownership, tenure, affair, province.
Kumu	Teacher, tutor, manual, primer, model, pattern.
Kumu hula	Hula teacher.
Kupuna	Grandparent, ancestor, relative or close friend of the grandparent's generation, grandaunt, granduncle.
Kūpuna	Plural of kupuna.
Limu	A general name for all kinds of plants living under water, both fresh and salt, also algae growing in any damp place in the air, as on the ground, on rocks, and on other plants; also mosses, liverworts, lichens.
Lo'i	Irrigated terrace, especially for taro, but also for rice and paddy.
Loko i'a	Traditional Hawaiian fishpond.
Lua	A type of dangerous hand-to-hand fighting in which the fighters broke bones, dislocated bones at the joints, and inflicted severe pain by pressing on nerve centers. There was much leaping, and (rarely) quick turns of spears. Many of the techniques were secret. Lua holds were named. Lua experts were bodyguards to chiefs.
Mahi 'ai	Farmer, planter; to farm, cultivate; agricultural.
Makai	On the seaside, toward the sea, in the direction of the sea.
Māla	Garden, plantation, patch, cultivated field, as māla 'ai, māla kalo, māla kō, māla kūlina.
Mālama	To take care of, tend, attend, care for, preserve, protect, beware, save, maintain.
Mana'o	Thought, idea, belief, opinion, theory, thesis, intention, meaning, suggestion, mind, desire, want; to think, estimate, anticipate, expect, suppose, mediate, deem, consider.
Mauka	Inland, upland, towards the mountain.
Mele	1. Song, anthem, or chant of any kind. 2. Poem, poetry. 3. To sing, chant.
Mele māka'ika'i	Travel chant.

Glossary of Hawaiian Terms

Mōī	King, sovereign, monarch, majesty, ruler, queen.
Moku	1. District, island, islet, section, forest, grove, clump, fragment. 2. To be cut, severed, amputated, broken in two.
Mo‘o	Lizard, reptile of any kind, dragon, serpent.
Mo‘olelo	Story, tale, myth, history, tradition, literature, legend, journal, log, yard, fable, essay, chronicle, record, article.
Mo‘owahine	Female lizard deity.
Nī‘au-pi‘o	Offspring of the marriage of a high-born brother and sister, or half-brother and half-sister.
‘Ohana	Family, relative, kin group; related.
‘Ōlelo no‘eau	Proverb, wise saying, traditional saying.
Oli	Chant that was not danced to, especially with prolonged phrases chanted in one breath, often with a trill at the end of each phrase; to chant thus.
‘Ō‘ō	Digging stick, digging implement, spade.
Pae ‘āina	Group of islands, archipelago.
Pi‘o	Marriage of full brother and sister of nī‘aupi‘o rank, presumably the highest possible rank. Their offspring had the rank of naha, which is less than pi‘o but probably more than nī‘aupi‘o. Later pi‘o included marriage with half-sibling.
Pueo	Hawaiian short-eared owl (<i>Asio flammeus sandwichensis</i>), regarded often as a benevolent ‘aumakua.
Wai	Water, liquid or liquor of any kind other than sea water.
Wahi pana	A sacred and celebrated/legendary place.
Wahine	Woman, lady, wife; sister-in-law, female cousin-in-law of a man.
Wao	1. Realm. 2. A general term for inland region usually forested but not precipitous and often uninhabited.

APPENDIX E

ENPRO Environmental
Phase I Environmental Site Assessment.

**Phase I Environmental
Site Assessment**

Project No. 2312-00396-PH1

**Tradewinds Garden & Glass,
Aloha Tower Drive,
Honolulu, Hawaii**

**TMK (1) 2-1-001: 057, 058,
and (1) 2-1-014: 006**



prepared for

Wilson Okamoto Corporation

1907 South Beretania Street, Suite 400

Honolulu, Hawaii 96826

May 9, 2024

Prepared for:

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Phase I Environmental Site Assessment



Tradewinds Garden & Glass

Aloha Tower Drive
Honolulu, Hawaii

Tax Map Key (1) 2-1-001: 057, 058, and (1) 2-1-014: 006

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On-Site Investigation: February 2, 2024



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1.0 EXECUTIVE SUMMARY

Wilson Okamoto Corporation (the Client) retained ENPRO Environmental (ENPRO) to conduct a Phase I Environmental Site Assessment (ESA) in conformance with ASTM International (ASTM) Practice E1527-21 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (the Practice), for the subject property identified as Tax Map Keys (TMKs) (1) 2-1-001: 057, 058, and (1) 2-1-014: 006 located on Aloha Tower Drive in Honolulu, Hawaii (the subject property). The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (if any) as part of due diligence prior to leasing the subject property.

The subject property, owned by Hawaiian Electric Company (HECO) and The State of Hawaii, is approximately 13 acres.

ENPRO has performed a Phase I ESA of the subject property in conformance with the scope and limitations of the Practice.

This assessment has revealed evidence of Recognized Environmental Conditions (RECs) in connection with the subject property as listed in **Tables 1-1 through 1-3** below and on the following pages. Recommendations for additional actions are listed in Section 9.1.

Potential environmental concerns which cannot be definitively categorized as RECs due to insufficient available information required to make a determination, and business environmental risks (BERs) which fall outside the scope of a Phase I ESA but may warrant investigation were identified as listed in **Table 1-4**.

**Table 1-1
Recognized Environmental Conditions**

RECs	REC Categories		
	Release	Conditions Indicative of a Release	Conditions Posing a Threat of Future Release
<p><u>Historic Use:</u></p> <ul style="list-style-type: none"> A review of previous environmental reports indicated that soil and soil vapor beneath portions of the subject property on TMK (1) 2-1-014: 006 was impacted by acetone, naphthalene, 1-methylnaphthalene (1-MNP), tetrachloroethylene (PCE), total petroleum hydrocarbon, diesel range organics (TPH-d), total petroleum hydrocarbon, oil range organics (TPH-o), 1,2 dichloroethane (1,2-DCA), benzo[a]anthracene (BaP), benzo[a]pyrene (BaP), benzo[b]fluoranthene (BbF), dibenzo[a,h]anthracene (DahA), indeno[1,2,3-c,d]pyrene (I123cdP), pyrene, and/or lead. 	✓		
<ul style="list-style-type: none"> Beneath the subject property a fuel pipeline delivers fuel from the Iwilei fuel storage area to onsite above ground storage tanks (ASTs). Several leaks from this pipeline have been reported. The pipeline enters the property at the north end of the subject property. This pipeline has the potential to impact environmental conditions due to the petroleum products that it supplies to the subject property. 			✓
<ul style="list-style-type: none"> Extended site history supporting petroleum-fueled power generation, related commercial activities, and military use. 		✓	
<ul style="list-style-type: none"> PCBs in electrical equipment and transformers. 			✓
<p><u>Storage Tanks:</u></p> <ul style="list-style-type: none"> A diesel AST with a capacity of approximately 43,000 gallons and two Low Sulfur Fuel Oil (LSFO) ASTs with capacities of approximately 616,000 gallons each were observed on the northeast portion of subject property on TMK (1) 2-1-014: 006. Regulatory records indicated that one of the LSFO ASTs had leaked. Information about corrective action was not provided. 	✓		
<p><u>Wells:</u></p> <ul style="list-style-type: none"> Three (3) groundwater monitoring wells were observed on the subject property, likely associated with environmental investigations regarding documented releases in the northeast portion of the subject property. Reportedly, an Environmental Hazard Management Plan (EHMP) was prepared from this data, but ENPRO did not find a DOH regulatory response indicating this could be categorized as a Controlled REC. 	✓		

**Table 1-1
Recognized Environmental Conditions**

RECs	RECs		
	Release	Conditions Indicative of a Release	Conditions Posing a Threat of Future Release
<p><u>Adjacent/Nearby Site Contamination:</u></p> <ul style="list-style-type: none"> A 1991 Work Plan was created to address the findings of a 1990 Preliminary Environmental Assessment and a 1991 Phase I Environmental Site Assessment for the Aloha Tower Development at 1 Aloha Tower Drive, Honolulu, Hawaii. Results of environmental sampling indicated that elevated concentrations of petroleum hydrocarbons, pesticides, and metals were present in site soils. The Aloha Tower Development site has the potential to impact the subject property. 	✓		
<p><u>Solid Waste:</u></p> <ul style="list-style-type: none"> An abandoned ship was observed on the subject property at Pier 7; TMK (1) 2-1-001: 058. The ship had been retired and turned over to the Hawaiian Maritime Center and used as a museum ship in the 1960s. Due to lack of funds, the ship was not maintained. The deteriorating ship has the potential to impact subject property. 			✓

**Table 1-2
Historical Recognized Environmental Conditions**

No Further Action (NFA) Date	Historical RECs (HRECs)
February 17, 2006	A 500-gallon underground storage tank (UST) with the identification number 9-103797, situated at Pier 2 within Honolulu Harbor, underwent permanent closure and was subsequently granted a "Site Cleanup Completed" NFA status. This UST was located approximately 0.1-mile northwest of the subject property.
July 31, 2014	A 1.5-ounce mercury spill was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). The State of Hawaii Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office On-Scene Coordinator (SOSC) issued an NFA status. The reportable quantity for mercury is 1.28 ounces.
November 9, 2004	100 gallons of Shell Diala – Transformer Oil was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
Unknown	1,000 gallons of fuel oil was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.

Table 1-2
Historical Recognized Environmental Conditions

No Further Action (NFA) Date	Historical RECs (HRECs)
Unknown	50 gallons of turbine oil was reported to have been released at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
January 31, 2017	35 gallons of fuel oil was reported to have been released at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
May 9, 2019	A vehicle veered off Pier 5 and entered Honolulu Harbor. Despite efforts, a tow truck dispatched that night was unable to extract the vehicle. A salvage company was able to successfully remove the vehicle the next day. This spill, located on the subject property, received an NFA. However, an investigation to assess the extent of the contamination was not conducted.
September 6, 2021	Laboratory analysis of soil samples collected from borings installed in the north portion of the property indicated contaminated soil below the groundwater table at depths of 8 to 9 feet. The source was believed to be the HECO Honolulu Power Plant. The identified contaminant was reported to be aged hydrocarbons in the carbon range of C10 to C30 with the bulk of the identified hydrocarbons between C14 and C25. This received an NFA from DOH. However, an investigation to assess the extent of the contamination was not conducted.

Table 1-3
Potential Concerns and/or Business Environmental Risks

Concern	Summary
Contaminants of emerging concern (CECs)	CECs may be present on the subject property but are not covered under the scope of the Practice until they are defined as hazardous substances under federal regulation.
Asbestos-containing material (ACM)	ACM may be present on the subject property.
Lead-containing paint (LCP)	LCP may have been used in the construction and/or maintenance and upkeep of structures at the subject property.
Potential PCB-containing building materials	PCBs are widely present in manufactured products in buildings constructed or renovated between 1950 and 1979.
Indoor air quality concerns	Indoor air pollutants can be released into the building, causing a potential health hazard for inhabitants.

Table 1-3
Potential Concerns and/or Business Environmental Risks

Concern	Summary
Mold	Large quantities of mold spores can present a health hazard and mold growth can cause damage to building materials.
Lead in drinking water	Lead can enter drinking water when plumbing materials that contain lead corrode, especially where the water has high acidity or low mineral content that corrodes pipes and fixtures. The most common sources of lead in drinking water are lead pipes, faucets, and fixtures.
Harbor waters	An abandoned ship on the subject property at Pier 7 TMK (1) 2-1-001: 058, was observed during the site visit. In addition, multiple small releases have been documented in the harbor near the subject property.
Potential Pesticides Beneath Existing Structure Slabs	Application of pesticides, primarily for termite control, was common practice in Hawai'i. While this is not considered a REC if the slab of the building remains intact, any re-development involving disturbing and/or disposal of these soils will require environmental oversight and management.
Fill Land of Unknown Origin	The subject property is built on fill land of unknown origin. Currently, there are no documented contaminants associated with this fill material, other than what has been identified as resulting from past use (see Table 1-1). However, if this material is to be disturbed and/or disposed as part of future development activities, further characterization is recommended.

In the case of redevelopment, ENPRO recommends a Phase II investigation of the identified RECs and assessment of BERs related to demolition of the on-site structures.

2.0 INTRODUCTION

The Client retained ENPRO to conduct a Phase I ESA of the subject property described in **Table 2-1** in accordance with ENPRO's Proposal Number 23D-0081-HNL dated April 14, 2023.

Table 2-1: Location and Legal Description

Address	Aloha Tower Drive, Honolulu, Hawaii
TMK	(1) 2-1-001: 057, 058, and (1) 2-1-014: 006
Location	Latitude: 21.30497834 (21° 18' 17.9202'') Longitude: -157.86438018 (-157° 51' 51.768'') Elevation: Less than 10 feet above sea level
Land Area (Assessor)	~571,950 square feet
Zoning	I3: Waterfront Industrial
Owner/Operator	(1) 2-1-001: 057 & 058: State of Hawaii DOT Harbors Division (2)-1-014-006: Hawaiian Electric Company, Inc.
Legal Description (Assessor)	ENPRO was not provided with title information.

This Phase I ESA conforms to standards for all appropriate inquiries¹ (AAI) into the previous ownership and uses of the subject property consistent with good commercial and customary practice as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 USC §9601).

2.1 PURPOSE

The goal of this Phase I ESA was to identify, to the extent reasonably feasible, RECs, controlled RECs (CRECs), and historical RECs (HRECs) associated with the subject property in accordance with the Practice and the Code of Federal Regulations (CFR) (40 CFR Part 312).

This Phase I ESA also includes a limited vapor encroachment screen with respect to chemicals of potential concern (COPCs) that may migrate as vapors into the vadose zone of the subject property. The goal of this process is to identify a vapor encroachment condition (VEC), should one exist, as per ASTM E2600-22 "Standard Guide for Vapor Encroachment Screening on a Property Involved in Real Estate Transactions."

¹ As defined at 42 USC §96S01(35)(B) and 40 CFR Part 312

In addition, this Phase I ESA was conducted to support the Bona Fide Prospective Purchaser defense with respect to petroleum products and the range of contaminants within the CERCLA scope. As such, this report is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability² (hereinafter, the “landowner liability protections,” or “LLPs”).

2.2 DEFINITIONS

The Practice defines a REC as:

- (1) The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
- (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or
- (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

The definition of a REC may be contrasted with the definition of a *de minimis* condition. *De minimis* conditions are not RECs. The Practice defines a *de minimis* condition as:

A condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

In addition to the generalized REC, the Practice defines two specific types of RECs that may be present on a property.

A C-REC is a REC:

Affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitation or other property use limitations) (ASTM E1527-21).

A C-REC designation does not imply that the Environmental Professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented. Additionally, a past release that previously qualified as a C-REC may no longer constitute a C-REC at the time of this Phase I ESA if new conditions or information is identified (e.g., a change in regulatory criteria or a newly identified migration pathway).

² 42 USC §9601(35)(A)&(B), §9607(b)93), §9607(q), and §9607(r)

An H-REC is defined as:

A previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations) (ASTME1527-21).

A past release that previously qualified as an H-REC may no longer constitute an H-REC at the time of this Phase I ESA if new conditions or information is identified (e.g., a change in regulatory criteria or a newly identified migration pathway).

A VEC is:

The presence or likely presence of [contaminant of concern] vapors in the vadose zone of the [subject] property caused by the release of vapors from contaminated soil and/or groundwater either on or near the [subject property] as defined by Tier 1 or Tier 2 procedures (ASTM E2600-15).

The first Tier is defined by adjusting the area of concern (AOC) to determine whether there are releases on or proximal to the property that result in a VEC. The second tier includes a detailed literature search or possible sampling to obtain greater certainty. It should be noted that a VEC is not necessarily a REC, and RECs may not result in a VEC. The evaluation of RECs is a separate process from that of evaluation VECs.

A BER is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate not necessarily related to those environmental issues required to be investigated in a Phase I ESA. BERs may warrant consideration by parties to a commercial real estate transaction. Consideration may involve additional investigation beyond this ESA, such as soil sampling, groundwater sampling, asbestos surveying, or other considerations listed in **Section 7.0**.

2.3 SCOPE OF WORK

ENPRO's scope of services for this Phase I ESA included the following:

- Identify the source(s) of potable water for the subject property and current heating and sewage disposal system(s) used at the subject property, if any, and their age if readily ascertainable (**Section 4.2**).
- Conduct a visual reconnaissance of the subject property and cursory reconnaissance of adjacent properties to identify visible evidence of RECs (**Sections 4.3 and 4.4**).
- Review current United States Geological Survey (USGS) topographic maps to identify the physiographic setting of the subject property and provide a statement

on the local geologic, soil, and groundwater conditions based on ENPRO's general experience and sources such as geologic maps and soil surveys (**Section 5.1.1**).

- Review historical aerial photographs, fire insurance maps, city directories, chain-of-title reports, and land use and tax assessor records, as available and appropriate, to identify past development history on and adjacent to the subject property relative to the possible use, generation, storage, release, or disposal of hazardous substances (**Section 5.2**). ENPRO attempted to identify uses of the subject property from the present back to the time that records show no apparent structures on the subject property, back to the time that the property was first used for residential, agricultural, commercial, industrial, or governmental purposes, or back to 1940, whichever is earliest.
- Review readily available geotechnical reports, environmental reports and/or other relevant documents pertaining to environmental conditions at the subject property (**Section 5.2.3**).
- Review the results of a federal, state, local and tribal environmental database search provided by an outside environmental data service for listings of properties with known or suspected environmental concerns on or near the subject property within the search distances specified by the Practice. Our database and file review search also included a review of United States Environmental Protection Agency (EPA) and State of Hawaii Department of Health (HDOH) websites for readily available information (publications and reports) concerning area-wide soil and groundwater contamination on or adjacent to the subject property (**Section 5.3**).
- Review regulatory agency files regarding listed properties of potential environmental concern relative to the subject property (**Section 5.3**).
- Interview representatives of the local fire department and HDOH to gather information or fill data gaps regarding the history of the subject property and surrounding properties relative to the likely presence of hazardous substances (**Section 5.3**).
- Identify a key site manager with specific knowledge of past and present property use and request that the key site manager meet an ENPRO representative on-site for an interview during the visual reconnaissance and/or an interview by telephone if they are not available during the reconnaissance (**Section 6.0**).
- Interview past owners and occupants of the subject property as necessary to gather information or fill property use data gaps regarding property use history (**Section 6.0**).
- Interview current owners or occupants of neighboring properties as necessary to gather information or fill property use data gaps regarding the subject property (**Section 6.0**).
- Identify data gaps relative to the Phase I ESA study findings (**Section 8.1**).

- Provide a written summary of the Phase I ESA results and identified RECs, if present, along with ENPRO's opinion and recommendations regarding the potential for contamination by hazardous substances at the subject property and any significant data gaps identified (**Section 9.0**).

This ESA did not address whether requirements in addition to AAI have been met to qualify for the LLPs, nor does it address requirements of any federal, state, or local laws other than AAI. Federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this report.

This Phase I ESA did not assess BERs as defined in Section 13 of the Practice, which are beyond the scope of ASTM Practice E1527-21. Potential BERs include, but are not limited to:

- Asbestos-containing material (ACM)
- Biological agents
- Climate change
- Controlled substances
- Contaminants of emerging concern (CECs) and substances not defined as hazardous substances under CERCLA
- Cultural and historical resources
- Ecological resources
- Endangered species
- Geotechnical concerns
- Health and safety
- Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment
- Industrial hygiene
- Land use changes
- Lead-containing paint (LCP) unrelated to releases to the environment
- Mold
- Polychlorinated biphenyl (PCB)-containing building materials
- Regulatory compliance
- Suspect termiticide application
- Wetlands

This Phase I ESA did not include any sampling or testing.

2.4 SIGNIFICANT ASSUMPTIONS

In preparing this report, ENPRO assumes the following:

- Certain verbal information and representations provided by Phase I ESA owner/users; landowners, tenants, occupants, and/or their representatives; government employees; and others, are complete and accurate to the best of their knowledge.
- Government agency responses to public requests for information are complete and accurate.
- Reports provided by the private database search company (detailing a computer search of government databases) are complete and accurate.
- Written information and documents provided by the Phase I ESA owners/users, tenants, occupants and/or their representatives are complete and accurate to the best of their knowledge.

Except as discussed, ENPRO has relied on the information provided and did not attempt to verify its accuracy or completeness independently but did not detect any inconsistency or omission of a nature that might call into question the validity of the data. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity. ENPRO assumes no responsibility for any consequence arising from any information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to ENPRO.

2.5 LIMITATIONS, EXCEPTIONS, SPECIAL TERMS, AND CONDITIONS

This investigation focused on potential sources of hazardous substances and petroleum products that maybe considered to represent a REC and a potential liability concern due to the presence of such materials in significant concentrations (i.e., above acceptable limits set by the federal, state, or local government) or due to the potential for contaminant migration through exposure pathways (e.g., contact with groundwater). Materials that contain substances that are not currently deemed hazardous by the EPA, or the prevailing state environmental regulatory agency were not considered as part of this study.

Unless specifically included in our scope of services, consideration of building materials, asbestos, lead-based paint, Clean Water Act concerns, Clean Air Act concerns, shoreline concerns, and Endangered Species Act concerns are not considered in this report, nor are building issues such as fire safety, indoor air quality, mold, or similar matters. ENPRO did not evaluate the subject

property for compliance with land use, zoning, wetlands, or similar laws. This report is not intended to be relied upon as a full environmental compliance audit.

Hazardous substances occurring naturally in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, or radon gas) are not typically considered during these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered unless the observation suggests that hazardous substances have been disposed on the subject property, and/or have substances likely to be present in significant concentrations, and/or likely to migrate to the subject property. Further, ENPRO may not identify materials that are concealed behind walls, floors, buried in the ground, located below heavy brush, or are otherwise undetectable using prevailing assessment practices.

Certain other limitations could affect the accuracy and completeness of this report, as follows, and as described in detail in **Section 8.1**:

- Subject property access limitations
- Physical obstructions to observations
- Outstanding information requests
- Historical data source failures
- Other limitations

The conclusions presented in this report are professional opinions based solely upon visual observations of the subject property and surrounding areas and ENPRO's interpretation of the available historical and regulatory information and documents reviewed. They are intended exclusively for the purpose outlined herein and apply only to the subject property indicated. Findings and opinions presented herein apply to subject property conditions existing at the time of ENPRO's investigation and those reasonably foreseeable; they cannot necessarily apply to site changes of which ENPRO is not aware and has not had the opportunity to evaluate.

It is possible that other information exists or subsequently has become known, just as it is possible for conditions ENPRO observed to have changed after the initial observations. For these and associated reasons, ENPRO cannot under any circumstances warrant or guarantee that not finding indicators of hazardous substances or petroleum products means that hazardous substances or petroleum products and/or associated contamination do not exist on the subject property.

ENPRO's services are performed, within limits prescribed by the Client, with the usual thoroughness and competence of the consulting profession in accordance with the standard for professional services at the time those services are rendered. No warranty or representation, either expressed or implied, is included or intended in the proposals, contracts, or reports.

ENPRO makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not

limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

2.6 USER RELIANCE

For the purposes of the contractual relationship, the term “Client” refers to Wilson Okamoto Corporation, and its affiliates, which have sole permission to rely on this report. The Practice defines the “User” as the party seeking to use the standard to complete an ESA. The User of this Phase I ESA is Tradewinds Garden and Glass and Garden Art LLC.

The User may rely upon this report in evaluating a request for one or more extensions of credit to be secured directly or indirectly by the subject property (including mortgage and mezzanine loans) and the acquisition of the direct or indirect interest in the subject property as applicable.

This Phase I ESA may not be relied upon by other parties without the express written consent of ENPRO and acceptance of our Terms and Conditions through ENPRO’s Third-Party Reliance Agreement. ENPRO will not distribute nor publish this report without the consent of the Client except as required by law or court order.

In accordance with the Practice, this report is valid for one year from the date of the report, assuming interviews, a search for environmental liens, a review of government records, the visual reconnaissance of the subject property and surrounding properties, and the Environmental Professional declarations are updated within 180 days prior to the intended transaction.

To qualify for one of the threshold criteria for satisfying the LLPs to CERCLA liability, AAI components must be conducted or updated within 180 days of and prior to the subject property acquisition date, and all other components of AAI must be conducted within one year prior to the date of acquisition of the subject property. The date of the report generally does not represent the date the individual components of AAI were completed and should not be used when evaluating compliance with the 180-day or 1-year AAI requirements.

Provided that this report is still valid and reliable, as per the limitations and exceptions listed above, ENPRO will issue a third-party reliance letter to parties that the Client identifies in writing, upon payment of the then-current fee for such letters. All third parties relying on ENPRO’s report, by such reliance, agree to be bound by ENPRO’s proposal and reliance agreement.

3.0 USER PROVIDED INFORMATION

In accordance with the Practice, the User of this Phase I ESA was informed of their responsibility to provide the following information for consideration during the assessment:

- Environmental liens and AULs for the subject property resulting from the User's review of land title and judicial records
- Actual knowledge of the User regarding any environmental liens or AULs
- Specialized knowledge or experience which may be indicative of a REC
- Commonly known (within the local community) or reasonably ascertainable information regarding past releases, conditions indicative of releases, or threatened releases of hazardous substances or petroleum products
- Information as to whether the purchase price of the subject property is lower than the fair market value due to contamination
- The reason why the User wants to have the Phase I ESA performed

Ms. Rachel Oximana, Enterprise Project Manager for Tradewinds Gardens and Glass, and Mr. Ron Severt Manager of Garden Art, LLC provided responses regarding the above information on behalf of the User through ENPRO-provided questionnaires.

3.1 TITLE RECORDS

The User representatives did not provide ENPRO with any information regarding their review of land title and judicial records.

3.2 ENVIRONMENTAL LIENS AND AULS

The User representatives indicated they have not researched title information for environmental liens or AULs relevant to the subject property.

3.3 SPECIALIZED KNOWLEDGE AND EXPERIENCE

The User representatives reported no specialized knowledge or experience which may be indicative of a REC for the subject property.

3.4 COMMONLY KNOWN INFORMATION

The User representatives did not report any commonly known or reasonably ascertainable information that may indicate contamination at the subject property or any past events that could have resulted in environmental impacts for the subject property or adjoining properties.

3.5 VALUATION REDUCTION

The User representatives indicated the purchase price for the subject property was not applicable to this ESA.

3.6 REASONS FOR PERFORMING THE PHASE I ESA

The purpose of this Phase I ESA was to identify environmental issues as part of due diligence prior to leasing the subject property.

4.0 SITE RECONNAISSANCE

Site reconnaissance was performed by Alexis Aguilar on February 2, 2024 to observe general conditions and operations at the subject property. The reconnaissance included a visual survey of the subject property, a brief survey of the visible portions of the adjacent parcels, and an interview with Ms. Donna Takeda of The Wilhelm Group as described in **Section 6.0**.

Weather conditions at the time of the reconnaissance were 81 degrees Fahrenheit and sunny, with steady winds from the east.

4.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property was observed from the periphery, including adjacent public thoroughfares, and then systematically traversed to view exterior features and existing structures. Observations of exterior features were not obstructed, except for the following:

- Pier 7 northwest ship dock and abandoned ship
- Pier 7 exterior rooftop features
- Honolulu power plant southeast building (Hicks Plant)

It was possible to walk the entire subject property and all buildings on the subject property were accessible, except the northwest ship dock, abandoned ship, and the fenced off Honolulu Power Plant southeast building (Hicks Plant).

All accessible interior areas were observed for evidence of storage, activities, or features that could represent RECs. Due to the damaged condition of building floors, some areas were not accessed. Interior areas below floors, above ceilings, and behind walls were not observed.

No opinion is provided regarding environmental conditions in areas that were not inspected.

4.2 SUBJECT PROPERTY IMPROVEMENTS AND USAGE

The subject property was located southwest of Nimitz Highway at the terminus of Bishop Street, Alakea Street, and Richards Street. The subject property was accessed via Aloha Tower Drive.

The following improvements were observed at the subject property (**Figure 4**):

- A 29,916 sf power plant building constructed in 1920 (the Alakea Plant)
- A 43,783 square foot (sf) power plant building constructed in 1957 (the Hicks Plant)
- An 18,424 sf, 2-story building and associated pier constructed in 1989
- A 150 sf, single-story ticketing office constructed in the late 1990s

The Alakea Plant, addressed as 170 Aloha Tower Drive, occupies the northeast portion of the subject property. It was previously occupied by HECO who vacated the property in 2006. This building is currently vacant. The ground floor was completely empty at the time of our reconnaissance, whereas the upper levels retained limited contents left by the previous tenant.

The Hicks Plant, also addressed as 170 Aloha Tower Drive, is currently in use by HECO primarily as office space. Access was not provided to the Hicks Plant or supporting offices.

The 2-story building on the pier, addressed as Pier 7 Honolulu Harbor, was located on the southwest portion of the subject property, approximately 250 feet southwest of the 10-story power plant building. This building served as a maritime museum. This building has been vacated and is not in use.

The single-story ticketing office was located south of Pier 7 and southwest of the power plant buildings. Its purpose was selling tickets for boat tours leaving from the subject property.

With the exception of limited landscaping, the remainder of the subject property was paved with asphalt and concrete for on-site traffic and motor vehicle parking.

Electricity was provided by Hawaii Electric Company (HECO). The subject property receives potable water from the City and County of Honolulu (C&CH). The buildings are serviced by the C&CH sanitary sewer system.

4.3 SUBJECT PROPERTY OBSERVATIONS

Table 4-1, on the following page, summarizes the site inspection and findings of environmental conditions at the subject property.

**Table 4-1
Site Observations**

Item	Observation	Finding
Roads	Roads or paths with no apparent outlet, which are considered to have potentially been used as an avenue for releases or the disposal of hazardous substances or petroleum products, were not observed on the subject property.	Not a REC
Storage Tanks	ASTs, underground storage tanks (USTs), associated dispensers, and/or piping were not observed on the interior or exterior portions of the subject property, except for a diesel AST with a capacity of approximately 43,000 gallons, and two low sulfur fuel oil (LSFO) ASTs each with capacities of approximately 616,000 gallons. The HECO Site contact indicated that these tanks are out of use. One of the LSFO tanks reportedly experienced a leak which has been documented, remediated, and has received an SOSC NFA status.	REC
Odors	Strong, pungent, or noxious odors were not noted on the subject property during the site reconnaissance.	Not a REC
Standing Surface Water or Pools of Liquid	Standing surface water, pools, catchment structures, and/or sumps containing liquids likely to be hazardous substances or petroleum products were not observed on the interior or exterior portions of the subject property during the site reconnaissance.	Not a REC
Drums, Totes, and Bulk Containers	Drums, totes, and/or bulk containers were not observed on the interior or exterior portions of the subject property, except for three 55-gallon drums, on the southern exterior of Pier 7. These drums contained miscellaneous debris including an empty wood sealant container. Stains or odors were not observed around the drums.	Not a REC
Hazardous Substances or Petroleum Products Not Connected to Identified Uses	Hazardous substances or petroleum product containers unrelated to identified site uses were not observed on the interior or exterior portions of the subject property, except for two 20-pound propane tanks on the southern exterior of Pier 7. The exterior of these tanks were rusted. Stains and odors were not observed.	<i>De minimis condition</i>
Unidentified Substance Containers	Containers of unidentified substances suspected of being hazardous substances or petroleum products were not observed on the interior or exterior portions of the subject property.	Not a REC
Polychlorinated Biphenyls (PCBs)	<p>Electrical and hydraulic equipment known or likely to contain PCBs was not observed on the interior or exterior portions of the subject property, except for 11 transformers and 6 oil filled circuit breakers, owned by HECO located in the outdoor Honolulu power plant switching station. As indicated by the Site contact, PCB concentrations range from <0.50 – 25ppm.</p> <p>Fluorescent light ballasts, caulk, paint, or other building materials that may contain PCBs, are outside the scope of the Practice.</p>	REC

**Table 4-1
Site Observations**

Item	Observation	Finding
Heating/Cooling	Heating and cooling systems including elements such as natural gas furnaces, heating oil fueled boilers, electric baseboards, and/or municipally supplied steam were not observed on the subject property. Air-conditioning was reported in use for the offices and the Hicks power plants has boilers that have not been decommissioned.	Not a REC
Stains or Corrosion	Stains or corrosion indicative of hazardous substances or petroleum products were not observed on floors, walls, or ceilings, except for a two-foot by one-foot oil sheen on the collapsing dock of Pier 7 (Photo 8). The source was not apparent.	<i>De minimis</i> condition
Drains and Discharge Features	<p>Drains and other discharge features were not observed on the interior or exterior portions of the subject property, except for storm water discharge into the Honolulu Harbor on Aloha Tower Drive.</p> <p>The HECO Site contact provided a stormwater pollution control plan (SWPCP) that specifies effluent limitations and monitoring requirements for the discharge of stormwater from the facility. Monitoring activities reported high levels of copper in the stormwater runoff. HECO conducted a copper study in 2011 that determined that high levels of copper were due to vehicle traffic, urban activity, and naturally occurring background sources.</p>	Not a REC
Pits, Ponds, or Lagoons	Pits, ponds, and lagoons were not observed on the subject property.	Not a REC
Stained Concrete or Pavement	Stained concrete or pavement was not observed on the interior or exterior portions of the subject property during the Site reconnaissance.	Not a REC
Stained Soil or Stressed Vegetation	Stained soil and stressed vegetation were not observed on the exterior portion of the subject property.	Not a REC
Solid Waste or Fill Dirt	Areas that appeared to be graded by non-natural causes, filled with fill of unknown origin, mounds, depressions, or other features suggesting trash, construction debris, demolition debris, or other solid waste disposal were not observed on the subject property. However, the soil type for the subject property is listed as Fill Land. While this is not considered a REC, it should be treated as a BER in the event of significant soil disturbance.	Not a REC
Wastewater	Wastewater or other liquids, including stormwater, that discharges into a drain, ditch, underground injection system, or stream on or near the subject property were not observed during the site reconnaissance, except for outfalls discharging into the Honolulu Harbor. The Site contact provided a SWPCP for the property. Monitoring activities reported high levels of copper in the stormwater runoff, as discussed above.	Not a REC

**Table 4-1
Site Observations**

Item	Observation	Finding
Wells	Dry wells, irrigation wells, injection wells, abandoned wells, or monitoring wells were not observed on the interior or exterior portions of the subject property, except for the cooling water well that was abandoned on January 7, 2009, as indicated by the Site contact and three monitoring wells on the northeast portion of TMK (1) 2-1-014: 006. These were installed in 2021 during HART's PH II investigation, as a part of the environmental hazard management plan (EHMP). The information reviewed did not indicate the extent of this contamination had been defined.	REC
Septic Systems or Cesspools	Septic systems, cesspools, and/or leach fields were not observed on the subject property.	Not a REC
Wet Areas or Surface Waters	A detailed wetland evaluation was beyond the scope of this investigation. Areas that may be wetlands or nearby surface water bodies were observed not observed on or near the subject property, except for the Honolulu Harbor. There were no obvious signs of filling of wetlands or discharges (e.g., oily sheen) to the Honolulu Harbor.	Not a REC
Other Observations	Housekeeping was noted to be poor throughout the structures on the subject property. Flaking and peeling paint was observed on HECO and museum buildings exterior and interior. Exposed soil was not adjacent to the damaged paint.	Not a REC

4.4 ADJACENT PROPERTY AND SURROUNDING AREA OBSERVATIONS

The area surrounding the subject property consisted of residential, commercial, and governmental properties. Adjoining and surrounding properties were observed from the subject property and from public thoroughfares to identify features, activities, uses, and conditions that may indicate RECs at the subject property. Adjoining property uses are listed in **Table 4-2**, on the following page.

Table 4-2
Adjoining Property Use

Direction	Property	Use
Northwest	Aloha Tower, Hawaii Pacific University student housing, restaurants, and paved parking structure	Commercial and Residential
Southwest	Honolulu Harbor Fishery Management Area, beyond which is Honolulu Coast Guard Regional Exam Center	Conservation/Governmental
Southeast	Honolulu Coast Guard Regional Exam Center and Prince Kuhio Federal Building	Governmental
Northeast	Pacific Guardian Tower, Topa Tower, and Harbor Square	Commercial and Residential

ENPRO did not observe features, activities, uses, or conditions on the adjacent or surrounding properties that may present an environmental concern to the subject property.

4.5 SITE RECONNAISSANCE FINDINGS

ENPRO identified two RECs during the site reconnaissance:

- REC: Three monitoring wells located on the northeast portion of subject property on TMK (1) 2-1-014: 006), indicating the potential for groundwater concerns.
- REC: A diesel AST with a capacity of approximately 43,000 gallons and two LSFO ASTs with capacities of approximately 616,000 gallons were observed on the northeast portion of subject property on TMK (1) 2-1-014: 006). Although these tanks have been decommissioned, there is a reasonable potential for contamination beneath these tanks.

There is a reasonable potential that pesticides have been applied for termite control beneath the slab foundations on the on-site structures. Although the DOH reports that such pesticides were applied between the mid-1940s to the late 1980s, and the Alakea Plant was built earlier than that, we consider it prudent to evaluate the soil beneath the structures in the event property re-development involves disturbing these soils. This is not considered a REC but may be a concern if the building slab is removed and/or or sub-surface utility work is conducted.

Photographic documentation of ENPRO's site reconnaissance is included in **Appendix B**.

5.0 RECORDS REVIEW

This section presents the results of ENPRO's environmental records review. These records were reviewed to assess potential environmental concerns for the subject property and, when applicable, surrounding properties.

5.1 PHYSICAL SETTING SOURCES

ENPRO reviewed reasonably ascertainable sources to assess the physical setting of the subject property, including topographic, geologic, hydrogeologic, and hydrologic characteristics. The results of ENPRO's review are presented below.

5.1.1 TOPOGRAPHY AND DRAINAGE

The general location of the subject property was shown on the 1998 USGS Honolulu Quadrangle at an elevation of less than ten feet above mean sea level (**Figure 1**).

Based on ENPRO's on-site observations and topographic maps reviewed, the topographic gradient and presumed hydraulic gradient was to the southwest, towards Honolulu Harbor and the Pacific Ocean.

A stormwater outfall feature was observed on the southwest side of the northwest-southeast running road, Aloha Tower Drive (**Figure 4**). The feature appears to receive drainage from the HECO power plant property.

Any uncaptured stormwater runoff from the subject property was generally presumed to flow to the southwest via sheet flow eventually reaching storm drains along Aloha Tower Drive prior to discharge into the Honolulu Harbor and the Pacific Ocean.

5.1.2 SURFACE WATERS

The Honolulu Harbor was located to the southwest of the subject property.

Table 5-1 lists the surface water bodies nearest to the subject property.

Table 5-1
Nearby Surface Water Bodies

Direction	Name	Approximate Distance (feet)
North	Pauoa Stream	3,292
	Honolulu Harbor	2,484
South	Honolulu Harbor	Adjacent
East	Kanaha Stream	Approximately 10,000
West	Honolulu Harbor	Adjacent

The subject property was within 150 meters (approximately 500 feet) of a surface body of water.

5.1.3 GROUNDWATER

Groundwater beneath the subject property occurs in two distinct aquifers within the Nuuanu Aquifer System of the Honolulu Aquifer Sector. The shallow aquifer was classified as a basal, unconfined, sedimentary aquifer, occurring in non-volcanic lithology. The groundwater status was reported as currently used, but not for drinking water, nor was it considered to be ecologically important. This aquifer was described as having a moderate salinity (1000-5000 milligrams per liter [mg/L] chloride). Groundwater within the aquifer was further described as replaceable, with a high vulnerability to contamination (Mink & Lau, 1990).

The deeper aquifer was classified as a basal, confined, flank aquifer, occurring in horizontally extensive lavas. This aquifer was classified as currently used as a drinking water source, and as having a fresh salinity (<250 mg/L chloride). The groundwater was further described as irreplaceable, with a low vulnerability to contamination (Mink & Lau, 1990).

HDOH has established the underground injection control (UIC) line to determine the level of protectiveness afforded an aquifer as reflected by water quality standard criteria. Generally, groundwater mauka (inland) of the UIC line is considered a potential source of drinking water and groundwater makai (seaward) of the UIC line is not a potential drinking water source. The subject property lies makai of the UIC line. Therefore, groundwater beneath the subject property is not considered a potential source of drinking water.

The Commission on Water Resource Management (CWRM) within the Department of Land and Natural Resources (DLNR) is responsible for managing groundwater resources in Hawaii. Individual files on all permanent wells drilled in the state are maintained by the CWRM and indexed in a searchable database (DLNR CWRM). ENPRO's March 27, 2024 review of the CWRM database identified 208 wells within one mile radius of the subject property.

Depth to groundwater is estimated based on the elevation of the subject property above sea level. Groundwater is expected to be encountered at approximately 5 feet below ground surface.

5.1.4 SOILS

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey accessed on March 27, 2024, the predominant soil type found throughout the subject property is Fill Land, mixed (USDA NRCS). This well-drained soil is found mostly near Pearl Harbor and in Honolulu, adjacent to the ocean. It consists of areas filled with material dredged from the ocean or hauled from nearby areas, garbage, and general material from other sources.

5.2 HISTORICAL RECORDS REVIEW

ENPRO consulted historical record sources to develop a history of the subject property's previous uses. The sources reviewed for this Phase I ESA included:

- Topographic Maps
- Aerial photographs
- Sanborn fire insurance maps
- City directories
- Historic maps of Oahu
- Title records
- Internet search query

A summary of ENPRO's significant findings is provided in **Table 5-2** for the subject property and **Table 5-3** for adjacent and nearby properties. Copies of source documents are included in **Appendix D**.

The historical research presented in this report has established the use of the subject property since 1914, when the Property was depicted in a fire insurance map as a built-up area with a garage, machine shop, military storage, and three piers. Two large circular features were depicted near the northern corner of the subject property, but the labelling describing these features was illegible.

In the 1927 fire insurance map, the parcel with the machine shop appeared to have been acquired by HECO and was used as a powerhouse, boiler house, ice plant, and cold storage with two steel above ground tanks (ASTs) used to store fuel. Historical topographic maps indicate the subject property was a built-up area in 1953, and in 1959 two of the three piers had been demolished. In a 1968 aerial photograph, the southern portion of the subject property was depicted

as a paved parking lot with a bridge connected to the northwest adjoining property. A 2000 aerial photograph indicated the adjoining bridge had been demolished. The subject property currently has an abandoned ship and building at Pier 7 and an abandoned building at the former Honolulu power plant. The paved parking lot is still in use.

Table 5-2
Historical Subject Property Use

Year	Source	Observation
1914	Fire Insurance Map	The subject property is depicted as a developed area, housing a machine shop, U.S. Army dispensary/storage shed, and three piers, two of which were occupied by the U.S. Navy.
1927, 1950, 1951, 1952, 1953	Fire Insurance Map Aerial Photograph Topographic Map	The machine shop previously located in the northeast portion of the subject property was apparently acquired by HECO and was repurposed as a powerhouse, ice plant, and cold storage facility, featuring two steel fuel tanks. A boiler house was also depicted on the fire insurance maps.
1959, 1963	Aerial Photograph Topographic Map	The subject property is depicted as developed with several large structures. Two of the piers previously depicted on the southwest portion of the subject property were no longer present.
1968, 1969, 1978, 1982, 1983, 1985, 1993	Aerial Photograph Topographic Map	The subject property is depicted as developed with the two current HECO power plant buildings, one building on Pier 7, and a paved parking lot with a bridge connected to the northwest adjoining property.
1998, 2000, 2004, 2008, 2011, 2013, 2015, 2017, 2022	Aerial Photograph Topographic Map	The bridge linking the subject property's paved parking lot to the northwest adjoining property is no longer present. The property generally appeared similar to the present-day configuration.

Table 5-3
Historical Adjacent and Nearby Property Use

Year	Source	Observation
1914	Fire Insurance Map	The adjacent nearby properties are depicted as developed, consisting of a naval station, government offices, and industrial business
1927, 1950, 1951, 1952, 1953, 1959, 1963	Fire Insurance Map Aerial Photograph Topographic Map	A park appeared to be added to the northwest adjacent property and approximately 70% of the adjacent properties were depicted as part of military/government agencies, which were tinted in pink on the topographic map, indicative of built-up areas.
1968, 1969, 1978, 1982, 1983, 1985, 1993	Aerial Photograph Topographic Map	The adjacent and nearby properties remain developed and a bridge appeared to be added to connect the subject property to the adjacent northwest property.
1998, 2000, 2004, 2008, 2011, 2013, 2015, 2017, 2022	Aerial Photograph Topographic Map	The adjacent northwest property appeared to be redeveloped as a paved parking lot and a new structure.

5.2.1 SUMMARY OF HISTORICAL USE

The subject property was situated in an area historically used for commercial/industrial and military use. The initial development of the subject property could not be established from readily accessible historical documents. Based on ENPRO's knowledge of the development of Oahu, it is our opinion that the commercial/industrial and military uses depicted on the 1914 fire insurance map represent the most significant early uses of the subject property. In-depth historical research prior to this period would require additional effort beyond the scope of the Practice.

Adjacent properties were initially developed for commercial/industrial and military use as documented on fire insurance maps. Current uses of the adjacent properties are listed in **Table 4-2, Section 4.4**.

5.2.2 HISTORICAL USE FINDINGS

ENPRO identified four REC's during the historical record review of the subject property, adjacent properties, and surrounding areas:

- REC: historical use of the subject property as a machine shop due to potential use and storage of hazardous materials, petroleum products and solvents to support operations
- REC: historical use of the subject property as a U.S. Army dispensary/storage shed and Naval wharf due to potential use and storage of hazardous materials and petroleum products to support operations
- REC: historical use of the adjacent properties as a U.S. Naval Reservation due to potential use and storage of hazardous materials and petroleum products to support operations
- REC: historical and current use of the subject property as a power plant due to potential use and storage of hazardous materials and petroleum products to support operations

5.2.3 PREVIOUS ENVIRONMENTAL REPORTS

Eight previous reports were provided to ENPRO for review. Summaries of the reports are provided in the following subsections.

1989

Underground Storage Tank Removal Notification, HECO Inc., Hawaii. Industrial Technology Tank Cleaning and Waste Management. November 10, 1989.

The document was prepared by Industrial Technology Tank Cleaning and Waste Management for M. Nakai Repair Service. It provides a site assessment report for the removal of an underground tank from the Hawaiian Electric Company location at Nimitz Highway, Honolulu, Hawaii. The report details the removal of a 1,000-gallon gasoline tank, including the collection and shipment of soil and water samples for analysis to Brewer Analytical Laboratories in Papaikou, Hawaii. The soil samples were collected from under each end of the tank, while the water sample was taken from below the tank's center. Additionally, soil vapor analysis was conducted during excavation, revealing no significant contamination. The tank was vapor freed, cleaned, dismantled, and disposed of at the Olai St., Ewa Beach facility. The letter concludes by stating that further action on the excavation site is not recommended due to the absence of significant contamination.

2003

RCRA Compliance Evaluation Inspection (CEI), HECO – Honolulu Generating Station, 170 Ala Moana Boulevard, Honolulu, Hawaii. United States Environmental Protection Agency (EPA) Waste Management Division RCRA Enforcement Office. March 18, 2003.

The report details an inspection conducted on the Hawaiian Electric Company- Honolulu Generating Station by the U.S. Environmental Protection Agency (EPA) inspectors. It covers various aspects such as hazardous waste management, potential violations, and environmental permits. It states that, at the time of the inspection, the facility maintained the contingency plan and record requirements applicable to a large quantity generator. However, potential violations at housing units eight and nine regarding used oil storage and accumulation time were identified. Pursuant to section 3008 of RCRA [42 U.S.C. 6928] HECO was required to submit documentation to show that corrective actions for the potential violations were made.

ENPRO did not receive documentation stating that corrective actions were completed. ENPRO did not have access to the building for which these potential violations were reported.

2014

National Pollutant Discharge Elimination System (NPDES) CEI, HECO, Inc. Generating Station, Honolulu, Hawaii. PG Environmental, LLC, November 17, 2014.

This NPDES CEI report was prepared by PG Environmental, LLC in 2014 for the HECO Honolulu Generating Station. The report highlights results of elevated copper levels in stormwater runoff from the facility, emphasizing exceedances of copper discharge limits. Despite efforts to identify the sources, no specific causes were found. The report stresses the importance of implementing best management practices and maintaining housekeeping to prevent further copper

discharge. It also discusses regulations concerning stormwater discharge through specific outfalls and actions required for unauthorized discharge. Overall, the report underscores the need to monitor and mitigate copper discharge to comply with regulations and protect receiving waters.

API 653 Internal Inspection, HECO Tank 5, Honolulu, Hawaii. Powers Engineering & Inspection, Inc. May 27, 2014.

This report documents an API 653 internal inspection by Powers Engineering & Inspection, Inc. at the Hawaiian Electric Company's Honolulu Generating Station. It specifically focuses on Tank 5, which stored fuel oil, following the guidelines of the American Petroleum Institute (API) 653 standards. It was the stated opinion of the inspector that Tank 5 complied with the API 653 standard if the following Action Items were properly addressed:

- Extensive soil-side indication: Soil-side indications were identified along the tank's double bottom. Most of these indications are prevalent on the outer perimeter and critical zone of the bottom. To address this issue, the following repairs were recommended:
 - Replace necessary sketch plates and install patch plates to repair areas of soil-side corrosion.
 - Conduct extensive ultrasonic testing (UT) after removing the coating to determine the remaining thickness for the next inspection interval calculation.
 - Seal the double bottom to reduce future corrosion damage.
- 8-inch under bottom nozzle: Extensive corrosion damage was present on the bottom of the tank. To mitigate this damage, it was recommended to install a new seal welded bottom.

API 653 Internal Inspection, HECO Tank 6, Honolulu, Hawaii. Powers Engineering & Inspection, Inc. May 27, 2014.

The report documents an API 653 internal inspection by Powers Engineering & Inspection, Inc. for Tank 6 at the HECO's Honolulu Generating Station. The tank was previously used to handle fuel oil but was intended to be decommissioned at the time of the inspection. The inspection intended to assess the tank's condition before decommissioning, ensuring compliance with API 653 standards. The inspector reported that Tank 6 complied with the API 653 standard if the following action items were properly addressed:

- Extensive soil-side indication: Soil-side indications were identified along the tank's double bottom. Most of these indications were prevalent on the outer perimeter and critical zone of the bottom.

To address this issue, the following repairs were recommended:

- Replace necessary sketch plates and install patch plates to repair areas of soil-side corrosion.
- Conduct extensive ultrasonic testing (UT) after removing the coating to determine the remaining thickness for the next inspection interval calculation.
- Seal the double bottom to reduce future corrosion damage.
- 8-inch under bottom nozzle: Extensive corrosion damage was present on the bottom of the tank. To mitigate this damage, it was recommended to install a new seal welded bottom.

API 653 Internal Inspection, HECO Tank 7, Honolulu, Hawaii. Powers Engineering & Inspection, Inc. May 27, 2014.

The report documents an API 653 internal inspection by Powers Engineering & Inspection, Inc. for Tank 7 at HECO's Honolulu Generating Station. The tank was previously used to handle fuel oil and diesel fuel but was intended to be decommissioned at the time of the inspection. The inspection intended to assess the tank's condition to ensure compliance with API 653 standards. The inspector reported that Tank 7 complied with the API 653 standard if the following action items were properly addressed:

- Extensive soil-side indication: Extensive soil-side indication was identified with the MFL scanner along the single lap welded bottom. If the tank was to be returned to service, in order to extend the formal next inspection interval to 20 years (2034) the following repairs were recommended:
 - Install a lap welded double bottom. The worst area of remaining thickness during this inspection was identified at 0.107-in remaining thickness. The probable cause of this damage mechanism was water in the secondary containment penetrating under the single bottom.
 - Extensive cleaning, surface preparation, and re-inspection of the bottom to identify the needed repairs. The corrosion damage on the bottom was widespread.
 - 8-inch under bottom nozzle: Extensive corrosion damage was present on the bottom of the tank. To mitigate this damage, it was recommended to install a new seal welded bottom.

2016

Storm Water Pollution Control Plan, Honolulu Generating Station, HECO Inc., 170 Ala Moana Boulevard, Honolulu, Hawaii. Hawaiian Electric Environmental Department. October 31, 2016.

This SWPCP was prepared by Hawaiian Electric Environmental Department in 2016 for the Honolulu Generating station and covered a 3.4-acre portion of the subject property, TMK (1) 2-1-014: 006. It introduces the SWPCP implemented under the NPDES program in Hawaii. Authorized by the DOH, it governs stormwater discharge associated with industrial activities at the Hawaiian Electric's Honolulu Generating Station. The SWPCP outlines pollutant identification, control procedures, monitoring, and response protocols to minimize discharge of pollutants in storm water runoff. It also includes provisions for periodic implementation reviews and record retention for compliance monitoring.

The SWPCP includes the following assessment and description of all activities and significant materials that are potential sources of storm water pollution. This assessment identifies known or potential pollutant sources that require preventive and/or corrective action. The following potential sources are identified in the SWPCP:

- Pollutants that are or have a reasonable potential to be present in storm water discharges in significant amounts based on ground and surface water quality and sediment standards
- Areas associated with the following activities:
 - Equipment and material storage
 - Vehicle/equipment maintenance and/or cleaning
 - Outdoor manufacturing or processing
 - Liquid storage in aboveground storage tanks(AST)
 - Flammable and hazardous materials storage
 - Refuse storage
 - Sandblasting
 - Pesticide and herbicide application
 - Activities or areas with significant erosion potential
 - Metal storage
- Significant spills and leaks of toxic or hazardous pollutants during the past three years
- Unauthorized non-storm water discharges. The permittee must certify that no unauthorized non-storm water discharges are present in the storm water runoff.

Based on the operations of the HECO power plant facilities, the SWPCP listed the following constituents as contaminants of concern to be monitored in storm water runoff :

- Biological Oxygen Demand (5- Day)
- Oil & Grease
- Chemical Oxygen Demand
- pH
- Total Suspended Solids
- Total Recoverable Lead
- Total Phosphorus
- Total Recoverable Copper
- Total Nitrogen
- Total Recoverable Arsenic
- (Nitrate + Nitrite) - Nitrogen

In addition, temperature and flow of the storm water runoff is to be monitored.

2020

Authorization to Discharge Under the NPDES, Honolulu Generating Station, HECO, Inc., 170 Ala Moana Boulevard, Honolulu, Hawaii. HDOH. July 10, 2020.

The document, prepared by the HDOH in 2020, is an authorization permit issued to the HECO Honolulu Generating Station (TMK (1) 2-1-014: 006) under the NPDES. It allows the discharge of the following into the Honolulu Harbor, Pacific Ocean:

- Once-through condenser cooling waters
- Treated metal cleaning waste
- Low volume wastes
- Stormwater

The permit outlines specific outfall serial numbers, effluent descriptions, latitude, and longitude coordinates for each discharge point. The permit specifies compliance conditions, monitoring requirements, and enforcement measures. It is effective from September 1, 2020 to August 31, 2025.

5.2.4 PREVIOUS REPORT FINDINGS

ENPRO identified one REC during review of the previous reports:

- 2003 CEI indicating used oil violations. ENPRO did not receive documentation stating that corrective actions were completed. ENPRO did not have access to the building for which these potential violations were reported.

5.3 REGULATORY RECORDS REVIEW

ERIS provided results of a regulatory agency database search in their Database Report dated December 23, 2023. ENPRO reviewed that report for information pertaining to storage and/or reported releases of hazardous substances and petroleum products on the subject property and on surrounding properties that may affect the subject property as required by the Practice.

The subject property was listed in the following databases as identified in ERIS's report:

- Resource Conservation and Recovery Act Very Small Quantity Generator (RCRA-VSQG)
- Facility Registry Service/Facility Index (FINDS/FRS)
- HEER Sites of Interest (SHWS)
- Comprehensive Environmental Response, Compensation and Liability Information System – No Further Remedial Action Required (CERCLIS NFRAP)
- The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database (FED BROWNFIELDS)
- Brownfields Sites (BROWNFIELDS)
- RCRA – Corrective Action (RCRA CORRACTS)
- Delisted HEER Sites of Interest (DELISTED SHWS)
- Underground Storage Tank (UST)
- SEMS List 8R Archive Sites (SEMS ARCHIVE)
- Facilities with Institutional Controls (INST)
- Hazardous Waste Management Facility (HWM)
- Toxic Release Inventory Program (TRIS)
- Facility Response Plan (FRP)
- Air Facility System (AFS)

- Spills Listing (SPILLS)
- Integrated Compliance Information System (ICIS)
- Emergency Response Notification System (ERNS)

The ERIS Database Report identified a total of 291 properties and 93 “unplottable” sites with inadequate address information within the Practice’s approximate minimum search distances (AMSDs) from the subject property. ENPRO reviewed each listing to assess whether the corresponding property details included in the Database Report revealed a potential environmental impact to the subject property.

The following sites were identified for further investigation:

- Honolulu Harbors Piers 6 & 7 (subject property)
- State of Hawaii Pier 6 (subject property)
- Honolulu Harbor Pier 5 (subject property)
- Aloha Tower Drive, Nimitz Highway (subject property)
- HART HECO Downtown Station 170 Aloha Tower Drive, Honolulu (subject property)
- 181 Ala Moana Blvd, Honolulu (subject property)
- 79 south Nimitz highway (subject property)
- Pearl Harbor Hickam, 648 Bishop Point, Honolulu
- Awa Street Wastewater Pump Station, 190 Nimitz Hwy, Facility ID 9-103664
- 300 Ala Moana Blvd, Honolulu, Facility ID 9-101930
- Pier 2, Honolulu, Facility ID 9-103797
- Pacific Light Net, 737 Bishop Street, Honolulu, Facility ID 9-101803
- 733 Bishop St, Mauka Tower, 27th floor, Honolulu Facility ID 9-101521
- HECO pipeline South Nimitz Hwy/Fort St Intersection Makai Side
- 1 Aloha Tower Drive, Honolulu
- Aloha Tower Pier 8, Honolulu
- Aloha Tower Pier 9, Honolulu
- HART Boring CC103L Ala Moana Blvd, Honolulu

The remaining listed sites were not expected to have the potential to impact the subject property based on the following, or a combination thereof:

- The listed property was sufficiently distant from the subject property that the expected quantities and hazardous materials potentially present at the site were unlikely to impact the subject property
- The listed property was down-gradient or cross-gradient to the subject property and located at a sufficient distance that it would be unlikely to impact the subject property
- The listed property was identified in the UST or Small Quantity Generator (SQG) databases and was not on or adjoining the subject property, nor was the site listed in other databases indicating a release or environmental violations
- The listing for the facility suggested a short-term release had occurred (e.g., a traffic accident or illegal drugs founds at a residence) with associated response actions completed
- The quantity of the hazardous substances or petroleum product released from a listed facility was not considered to have resulted in contamination above the most stringent criteria that would require regulatory action
- The listed property record indicated that the site was not on or adjoining the subject property, was fully characterized after 2015, the release impacted soil only, and the release was not recognized as indicative of area-wide conditions
- The listed property record indicated that contamination at the site was limited to non-mobile contaminants originating from a localized source, impacted soil only, and was not on or adjoining the subject property
- The listed property record indicated the case was closed to the satisfaction of the lead regulatory agency after 2015 and residual contamination, if present, was not considered likely to affect the subject property based on one or more of the criteria described above

The ERIS Database Report is included in **Appendix E**.

In addition to the ERIS Database Report, ENPRO consulted government sources to obtain historical use information and aid in identifying RECs, C-RECs, and/or H-RECs for the subject property. The sources reviewed for this Phase I ESA included:

- Department of Planning and Permitting (DPP) records
- Fire Department records
- HDOH Solid and Hazardous Waste Branch (SHWB) records
- HDOH Hazard Evaluation and Emergency Response (HEER) Office records

5.3.1 DPP RECORDS

The C&CH DPP database was reviewed on March 27, 2024, to obtain historical use information on the subject property.

The building permit search results are provided in **Appendix G**.

5.3.2 FIRE DEPARTMENT RECORDS

The Honolulu Fire Department (HFD) was contacted on February 12, 2024 to obtain information regarding any fires, complaints, permits, or violations involving hazardous material use, USTs, or ASTs on record for the subject property.

HFD reported no permits or records of incidents related to the subject property.

HFD's response is provided in **Appendix C**.

5.3.3 SHWB RECORDS

The HDOH SHWB was contacted on February 12, 2024 to obtain records for properties listed in **Section 5.3**.

The SHWB provided records for the following properties:

- Aloha Tower Drive, Nimitz Highway, Facility ID 9-102893
- Awa Street Wastewater Pump Station, 190 Nimitz Highway, Facility ID 9-103664
- 300 Ala Moana Boulevard, Honolulu, Hawaii, Facility ID 9-101930
- Pier 2, Honolulu, Hawaii, Facility ID 9-103797
- Pacific Light Net, 737 Bishop Street, Honolulu, Facility ID 9-101803
- 733 Bishop St, Mauka Tower, 27th floor, Honolulu Facility ID 9-101521
- Aloha Tower Pier 8, Honolulu, Hawaii Facility ID 9-101093

The SHWB's response is provided in **Appendix C**.

ENPRO's review of the provided records did not indicate evidence of any RECs, C-RECs, or H-RECs to the subject property.

5.3.4 HEER OFFICE RECORDS

The HDOH HEER Office was contacted on February 12, 2024 to obtain records for the properties listed in **Section 5.3**.

ENPRO also reviewed the HEER Office's iHEER database on February 12, 2024 and obtained information for the following properties:

- Honolulu Harbors Piers 6 & 7, Honolulu, Hawaii
- State of Hawaii Pier 6, Honolulu, Hawaii
- Honolulu Harbor Pier 5, Honolulu, Hawaii
- Aloha Tower Drive, Nimitz Highway
- 181 Ala Moana Boulevard, Honolulu, Hawaii
- 79 South Nimitz Highway, Honolulu, Hawaii
- 300 Ala Moana Boulevard, Honolulu, Hawaii

The HEER Office's response is provided in **Appendix C**.

Honolulu Power Plant, 170 Aloha Tower Drive, Honolulu, Hawaii Within TMK (1) 2-1-014: 006

Phase I Preliminary Hazardous Materials Site Assessment (PSA), Honolulu Power Plant, Honolulu, Oahu, Hawaii. Harding Lawson Associates November 3, 1989.

The Phase I PSA report was prepared by Harding Lawson Associates (HLA) in 1989 for the HECO Power Plant. The project site for this report included the subject property TMK (1) 2-1-014: 006. The report included the following relevant information:

- Two fuel AST's were located within the HECO property
- A 1969 release of fuel from a bulk storage tank located approximately 200 feet east of the HECO property
- The removal of an underground storage tank (UST) in September 1989. State of Hawaii Department of Health (HDOH) UST records indicate a 1,000-gallon gasoline tank permanently out of use on the site.
- Three aboveground storage tanks (ASTs) observed on the site (a 500-gallon kerosene tank, a 1,000-gallon propane tank, and a 500-gallon propane tank)
- Reference to two fuel supply pipelines beneath TMK (1) 2-1-014: 006

Release Report Form, Appendix D-12, Nimitz Highway & Bishop Street Intersection, Honolulu, Hawaii. HART. April 5, 2023.

A release report form filled out by HART indicated that approximately two gallons of black fuel/oil was released and spilled on the soil while removing an abandoned fuel line at the intersection of Ala Moana Blvd. and Bishop Street (located approximately 0.1 mile north of the site). The fuel oil and affected contaminated materials were contained and disposed of. The pipe was temporarily plugged and later tapped to extract residual fuel/oil.

Phase II Environmental Site Assessment Report for the Downtown Station Makai Lot, Honolulu, Hawaii. CH2M HILL (CH2M). February 2021.

A previous Phase I ESA conducted at 170 Aloha Tower Drive, Honolulu, Hawaii, recommended further assessment be conducted to investigate contamination potentially present in the subsurface at the site. A Phase II ESA report was prepared by CH2M HILL (CH2M) in 2021 for HART. The report covered the northeast portion of TMK (1) 2-1-014: 006 (Figure 3). Activities included multi-increment soil sampling at three lateral decision units (DU's) and five vertical DU layers, groundwater from one temporary monitoring well and three permanent wells. Soil vapor sampling from 3 temporary monitoring points within the future building footprint (DU DS01) was also included. A site map showing the DU locations is included herein as **Figure 5**.

The Phase II ESA report included the following relevant information:

- Soil chemicals of concern were identified as VOCs (1,2-Dichloroethane and tetrachloroethane (PCE)), total petroleum hydrocarbons (TPH) as diesel (-d) and oil (-o), PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenzo[a,h]anthracene, indeno[1,2,3-c,d]pyrene, naphthalene, and pyrene), and lead.
- Soil concentrations for acetone, TPH-d, TPH-o, 1-methylnaphthalene, benzo[a]anthracene, benzo[a]pyrene, naphthalene, and pyrene were reported at concentrations greater than the HDOH site-specific EALs at different depths. The highest concentrations were detected within the shallow aquifer where grossly impacted soil was observed at the bottom of the fill material between approximately 7.5 and 9 feet below ground surface (bgs).
- Grossly impacted soil and the highest concentrations of COPCs were interpreted to be associated with oil sand possibly used for corrosion control at the bottom of the former fuel oil tanks that were present on site between the 1920s and the 1950s.
- No exceedances of the HDOH unrestricted Tier 1 groundwater EALs were reported.

- Carbon tetrachloride, ethyl acetate, PCE, and trichloroethylene were detected in the soil vapor samples; however, PCE was the only COPC detected above the HDOH most conservative EAL.
- Potential vapor intrusion concerns exist at the site under different land use scenarios due to PAH and VOC concentrations detected in soil in DU DS02 and DU DS03.
- Hypothetical future residents, occupational workers, and construction workers were identified as receptors potentially exposed through incidental ingestion, dermal contact, and inhalation.

Through an environmental hazard evaluation, human direct exposure, gross contamination, and vapor intrusion concerns were confirmed to be a concern. To address unacceptable risks, a combination of soil management, soil excavation and disposal, and soil vapor management was recommended at the site. An EHMP was developed to manage risk associated with soil and soil vapor during construction and long-term site activities.

Aloha Tower, 841 Bishop Street, Suite 2006, Honolulu, Hawaii (adjacent to subject property)

Protective Casing Installation Phase III Geotechnical Borings, Aloha Tower Development, Honolulu, Oahu, Hawaii. Subsurface Consultants, Inc. February 20, 1991.

A Phase III Geotechnical Borings report was prepared by Subsurface Consultants, Inc. in February 1991 for Aloha Tower Associates. The report covered the adjacent property northwest of the subject property. The report presents results of chemical analyses of soil samples obtained during protective casing installation.

The report included the following relevant information:

- Petroleum hydrocarbons were detected in soil samples, with the highest concentrations found in samples from four out of seven borings. The concentrations varied across samples, with the highest recorded concentration being 180 milligrams per kilogram.
- Pesticides were also detected in soil samples, including organochlorine pesticides such as aldrin and chlordane. These pesticides are often associated with agricultural use but are also found where foundations have been prepared with termiticides prior to construction.
- A distribution analysis indicated that the concentrations of arsenic in soil samples were fairly uniform, with results varying within a specific range across different borings and depths.

- The presence of certain contaminants, such as petroleum hydrocarbons and pesticides, indicates potential contamination of the soil, likely due to historical activities or spills.
- The report stated that further investigation and monitoring may be necessary to assess the extent of contamination and potential risks to human health and the environment.

Work Plan Sampling and Analysis Plan (SAP) Subsurface Investigation and Feasibility Study, Aloha Tower Development, Honolulu, Oahu, Hawaii. Harding Lawson Associates April 9, 1991.

This SAP was prepared by HLA in April 1991 for Aloha Tower Associates and presents a work plan for a subsurface investigation and feasibility study for the Aloha Tower Development. Laboratory results of soil samples collected during geotechnical investigation activity in February 1991 (HLA 1991) indicated that detectable concentrations of petroleum hydrocarbons, pesticides, and metals were present in site soil. Additional characterization of soil and ground water was recommended prior to site construction.

ENPRO was unable to obtain further information on the extent of soil and potential groundwater contamination discussed in the SAP.

In addition to the reports described above, review of the HEER records discovered the following. All of these sites have received a No Further Action (NFA) designation from DOH:

**Table 5-4
HEER Regulatory File Review**

No Further Action (NFA) Date	Description
July 3, 2023	A release report form filled out by Honolulu Authority for Rapid Construction (HART) indicated that approximately two gallons of black fuel oil was released and spilled on the soil while removing an abandoned fuel line at the intersection of Ala Moana Boulevard and Bishop Street (located approximately 0.1 mile north of the site). The fuel oil and affected contaminated materials were contained and disposed. The pipe was temporarily plugged and later tapped to extract residual fuel/oil. This spill received an NFA, however information on groundwater contamination is not available.
February 18, 2016	Three gallons of fuel spilled from the Star of Honolulu into Honolulu Harbor when it was being refueled. Absorbent pads were used to clean up the spill and a contractor was called in for further clean up and assessment. This spill, located approximately 0.03 miles northwest of the subject property, received an NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
June 1, 2016	There was a spill of diesel from the Star of Honolulu tour boat into the Honolulu Harbor at Pier 8. This was due to a ruptured fuel transfer hose. This spill, located approximately 0.04 miles northwest of the subject property, received an NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.

Table 5-4
HEER Regulatory File Review

No Further Action (NFA) Date	Description
October 30, 2020	An unknown sheen originating from SemiSub One was reported near Aloha Tower Pier 8. Approximately 3 gallons of an unknown oil substance was reported as the cause. The owner used absorbent pads to clean the spill. This spill, located approximately 0.04 miles northwest of the subject property, received an NFA.
December 9, 2022	A West Oahu Aggregate (WOA) trash truck's hydraulic system leaked at Hawaii Pacific University (HPU) Aloha Tower campus' loading area. The spilled oil ponded on the concrete pad. However, HPU security told the driver to move. The driver complied and drove >100 yards away and parked. The truck's system leaked during that transit. The weather was dry. Storm drains were not impacted. HFD responded and contained the ponded oil with kitty litter. WOA hired cleanup contractors which included pressure washing. This spill, located approximately 0.04 miles northwest of the subject property, received an NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
October 20, 2015	HECO pad-mounted transformer #68382 released approximately 3 gallons of mineral oil/transformer oil at 1 Aloha Tower Drive, Honolulu, Hawaii. The transformer was replaced, and the concrete pad was cleaned. This spill, located approximately 0.07 miles northwest of the subject property, received an NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
Unknown	An odor from a boat was reported. An unknown amount of diesel fuel was determined to be the source. Additionally, an unknown amount of latex paint was spilled at Aloha Tower Market Place. These spills, located approximately 0.07 miles northwest of the subject property, received a State On-Scene Coordinator (SOSC) NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
May 20, 2022	A report was made of alleged “globs” of oil near the sea wall at Pier 7, Aloha Tower Market Place. Elizabeth Galvez of the State of Hawaii Department on Health (DOH) performed a follow up assessment. Ms. Galvez indicated that she did not observe oil at this location. The reported spill, located approximately 0.08 miles northwest of the subject property, received a SOCS NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
November 20, 2020	During the unloading of waste oil from the Pride of America at Pier 10 in Honolulu Harbor, two barrels of waste oil were mishandled. One of these barrels ended up in the water. Immediate response measures were enacted, including the deployment of boom and absorbents to contain and mitigate the spillage. This spill, located approximately 0.1-mile northwest of the subject property, received an NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
February 17, 2006	A 500-gallon underground storage tank (UST) with the identification number 9-103797, situated at Pier 2 within Honolulu Harbor, underwent permanent closure procedures and was subsequently granted a "Site Cleanup Completed" NFA status. This UST was positioned approximately 0.1-mile northwest of the subject property.
October 22, 2020	Aloha Tower reported a sheen coming from SemiSub One. USCG investigated and the owner of SemiSub One acknowledged his crew had dumped a “few buckets” of oily water to the Honolulu harbor. Absorbents were used to remediate the sheen. This spill, located approximately 0.1-mile northwest of the subject property, received an NFA.

Table 5-4
HEER Regulatory File Review

No Further Action (NFA) Date	Description
February 24, 2017	A caller reported a diesel sheen observed at Pier 7, where the vessel Kulamanu, formerly known as Windjammers, was docked. Additionally, a witness noted the presence of a diesel-saturated absorbent pad in the water near the vessel. The spill was cleaned up by the vessel. This spill, located on the subject property, received an NFA.
July 31, 2014	A 1.5 ounce mercury spill was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
November 9, 2004	100 gallons of Shell Diala – Transformer Oil was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
Unknown	1,000 gallons of fuel oil was reported to have been spilled at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
July 8, 2004	Less than one gallon of an unknown oil created an oil sheen at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
Unknown	50 gallons of turbine oil was reported to have been released at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
January 31, 2017	35 gallons of fuel oil was reported to have been released at the HECO – Honolulu Generating Station (subject property). SOSC NFA status was issued.
March 30, 2019	An unidentified substance was detected in Honolulu Harbor near Pier 6, prompting an investigation by harbor police. The substance covered approximately 20 feet by 30 feet on the water surface and displayed no noticeable odor or sheen. It appeared to be disintegrating and dispersing on its own. This spill, located on the subject property, received an NFA. However, an investigation to assess the extent of the contamination was not conducted.
May 9, 2019	A vehicle veered off Pier 5 and entered Honolulu Harbor. Despite efforts, a tow truck dispatched that night was unable to extract the vehicle. A salvage company was able to successfully remove the vehicle the next day. No evidence of pollution was observed during the night or the following morning. However, a sheen was reported later in the day. This spill, located on the subject property, received an NFA. However, an investigation to assess the extent of the contamination was not conducted.
Unknown	An undetermined amount of bunker C fuel oil was released from an underground pipeline. This spill, located approximately 0.02 miles southeast of the subject property, received a SOSC NFA. However, no investigation was undertaken to evaluate the full extent of the contamination.
March 12, 2001	A leaking UST (identification number 9-103509) located at 700 Richards Street, approximately 0.06 miles northeast of the subject property, was issued a “Site Cleanup Completed” NFA status. The UST is reportedly still currently in use.

Table 5-4
HEER Regulatory File Review

No Further Action (NFA) Date	Description
December 21, 1999	A UST located on 700 Richards Street, approximately 0.06 miles northeast of the subject property, was permanently closed and issued a “Site Cleanup Complete” NFA status.
April 9, 2003	20 gallons of oil was reported to have been released from a storage tank on a vessel due to over filling. Booms and absorbents were used to contain the material and PENCO was hired to do the cleanup. This, spill located on the subject property, received a SOCS NFA. However, an investigation to assess the extent of the contamination was not conducted.
September 6, 2021	On the north portion of the subject property, borings indicated contaminated soil below the groundwater table at depths of eight to nine feet. The source was believed to be from the former HECO Honolulu Power Plant. Samples were provided for an initial analytical screen and split samples were collected and provided. Results obtained from the lab indicated that the samples were of a hydrocarbon fraction, appearing to be aged, with carbon ranging from C10 to C30 and the bulk between C14 and C25.
September 3, 2023	A HART contractor released an estimated 2 gallons of fuel onto surrounding soil while removing an abandoned fuel line. The line was capped until it could be further drained, and the impacted soil was excavated and stockpiled. The amount of fuel that came out of the pipeline was later revised to be less than one gallon. This spill, located approximately 0.01 miles from the subject property, received an NFA.
Unknown	An unknown amount of paint was released into a storm drain at 100 Ala Moana Boulevard, approximately 0.08 miles north of the subject property. SOSC NFA status was issued.
March 23, 2015	Four 1,000-gallon diesel USTs (9-101803) located at 737 Bishop Street, approximately 0.07 miles northeast of the subject property, were closed in 1996 and 2014. A release was reported, but they were subsequently issued a “Site Cleanup Complete” NFA status. One 2,500-gallon diesel UST (9-103246) remains in use on this property.
October 17, 2000	Two 1,000-gallon diesel USTs (9-101521) located at 733 Bishop Street, approximately 0.05 miles northwest of the subject property, were closed in 2013. The USTs were issued a “Site Cleanup Complete” NFA status. Two 1,000-gallon diesel USTs remain in use on this property.

5.3.5 REGULATORY RECORDS FINDINGS

ENPRO identified two RECs during the government record review of the subject property and surrounding areas:

- REC: Honolulu Power Plant at 170 Aloha Tower Drive, Honolulu, Hawaii, the results indicate the subject property has been impacted.
- REC: Aloha Tower Development, Nimitz Highway, Honolulu, Hawaii, has the potential to environmentally affect the subject property. No information on the

extent of soil and groundwater contamination is available, and the site is adjacent to the subject property.

5.4 VAPOR ENCROACHMENT SCREENING

ENPRO reviewed ERIS's Database Report for sites related to former dry cleaners, gas stations and manufactured gas plants with recorded releases within the AMSDs specified by ASTM's Standard Guide for Vapor Encroachment Screening of Property Involved in Real Estate Transactions (ASTM E2600-22).

ENPRO's review for potential vapor encroachment conditions (VECs) accounts for the following factors:

- Site land use
- Contaminant type
- Location of known or suspect contaminated property within the area of concern
- Soil characteristics
- Groundwater depth
- Preferential pathways
- Cleanup status

Potential VECs evaluated included all RECs, including H-RECs and C-RECs, with identified releases of petroleum products or other potentially volatile contaminants of concern.

The results of soil vapor sampling performed by CH2M Hill as documented in their February 2021 Phase 2 Environmental Site Assessment report indicate the potential for a VEC associated with the subject property. No other VECs were identified.

6.0 INTERVIEWS

ENPRO interviewed the individuals listed in **Table 6-1** in accordance with the Practice to obtain information regarding the past and current use and activities on the subject and adjacent properties to identify potential RECs in connection with the subject property. Findings from the interview process may also be incorporated in other sections of this report as appropriate.

Table 6-1
Interviewed Parties

Name	Affiliation	Role
Rachel Oximana	Enterprise Project Manager for Tradewinds Garden and Glass	User
Ron Severt	Manager, Garden Art, LLC	User
Ms. Brittani Capps-Balinbin	Senior Environmental Scientist, HECO	Owner Representative
Ms. Donna Takeda	The Wilhelm Group	Other
Ms. Amy Susana Liana ¹	Planner for the Planning & Design Section, HDOH SHWB	Local Government Agency, File Review
Ms. Rosa Iu ²	Administrative Assistant, HDOH HEER Office	Local Government Agency, File Review
Ms. Christine Cabalo ³	Information Specialist, HFD	Local Government Agency, File Review

¹Information provided by the HDOH SHWB is presented in **Section 4.4.4**.

²Information provided by the HDOH HEER Office is presented in **Section 4.4.5**.

³Information provided by the HFD is presented in **Section 4.4.3**.

6.1 USER

In accordance with the Practice, the User of this Phase I ESA was requested for information regarding:

- Title record information
- Environmental liens and AULs
- Specialized knowledge and experience
- Commonly known or reasonably ascertainable information
- Valuation reduction for environmental issues
- Reason for performing the Phase I ESA

The information above was provided via ENPRO’s user questionnaire (**Appendix C**) and is described in detail in **Section 3.0**.

Rachel Oximana, Enterprise Project Manager for Tradewinds Garden and Glass, was interviewed in person at the time of the site reconnaissance on February 2, 2024. Ms. Oximana stated she had been familiar with subject property for approximately 3 years.

Ms. Oximana completed a subject property questionnaire supplied by ENPRO on January 31, 2024.

Mr. Ron Severt, who works as a Project Manager for Garden Art, LLC also completed a subject property questionnaire supplied by ENPRO on January 31, 2024. Mr. Severt reported he has been familiar with the site for approximately 3 years.

The completed questionnaires are included in the Appendix to this report.

6.2 CURRENT OWNERS, OPERATORS, AND OCCUPANTS

Ms. Brittani Capps-Balinbin, Senior Environmental Scientist of HECO, completed a subject property questionnaire supplied by ENPRO on January 26, 2024 on behalf of the owner of parcel 2-1-014:006 (HECO). Ms. Capps-Balinbin, reported she had been familiar with the site for one and a half years. Ms. Capps-Balinbin provided the following pertinent information:

- The subject property is occupied by the Hicks and Alakea Power Plants. The electrical generating equipment of the Alakea Plant has been decommissioned and removed. The electrical generating units in the Hicks Plant remain.
- The Alakea Plant is essentially abandoned.
- The Hicks Plant currently contains an active electrical switching station, abandoned steam generating units, and office space.
- Historically, hazardous materials and/or petroleum products have been present at the subject property to include the following:
 - Caustic soda
 - Sulfuric acid
 - Lubricating oil
 - Diesel fuel
 - Low sulfur fuel oil (LSFO)
 - Transformer oil
 - Mercury equipment >2ppm

- Lead paint (removed from decommissioned power generating units 5-7)
- Asbestos
- PCB oil <50ppm
- Adjacent and nearby properties are currently and have been in commercial use.
- Pits, ponds, or lagoons are located on or near the subject property (upon further inquiry Ms. Capps-Balinbin indicated she was referring to stormwater infrastructure features)
- There are or have been ASTs on the property. These include:
 - 43,218- gallon diesel tank #7
 - 616,434-gallon LSFO tank #5
 - 615,888-gallon LSFO tank #6
 - Two 3,750-gallon lube oil tanks at the Hicks Plant
 - 330-gallon caustic tank at the Alakea Plant
 - 300-gallon acid tank at the Alakea Plant
- Two 1,000-gallon gasoline USTs were removed from the property in 1968 and 1989. Only the UST removed in 1989 (facility ID 9-100961) has a closure report.
- There is electrical equipment on the property exterior. Further inquiry identified that the outdoor Honolulu Power Plant Switching Station contains 11 transformers and six oil-filled circuit breakers with PCB concentrations ranging from < 0.50 – 25 ppm.
- There are no wells on the property. Further inquiry identified that a cooling water well was abandoned in 2009 and another well listed in DLNR records is believed to be buried and/or paved over. A closure report for this well has been requested, but not yet received. (Note: ENPRO identified the presence of three monitoring wells on the subject property at the time of our site reconnaissance)
- The subject property includes interior heating (boilers) and cooling (air-conditioning) systems.
- There are sump pumps on the subject property. Further inquiry identified that these are interceptor sumps that pump stormwater runoff to a wastewater treatment facility. They are located on the southwest corner of the Hicks Plant (TMK (1) 2-1-014: 006).
- There is electrical equipment on the property interior. Further inquiry identified that the administration building basement contains six transformers, three of which are online and three that are offline and drained of oil. PCB concentrations range from 5.99 – 17 ppm.

- Ms. Capps-Balinbin provided supporting documentation that included the following:
 - A 2003 Hazardous Waste Inspection Report
 - A 1989 UST Closure Report
 - An NPDES Permit and a 2014 NPDES Inspection Report
 - A 2016 Stormwater Pollution Control Plan
 - Above ground storage tank inspection reports
 - Site maps

Ms. Capps-Balinbin also reported that the Honolulu Authority for Rapid Transportation (HART) is in the process of eminent domain on a portion of the facility and it is understood that HART is engaged in due diligence for that purpose. (See <https://eha-cloud.doh.hawaii.gov/iheer/api/documents/183047/download>)

Prior to the HART Phase II investigation, PCBs were voluntarily cleaned up by HECO under 40 CFR § 761.50(b)(3) and petroleum affected soils were encountered in the area that is subject to the eminent domain action. Reports documenting these activities were not provided. Ms. Capps-Balinbin referred ENPRO to the HART documents for the condition of that portion of the facility.

A copy of the completed subject property questionnaire is included in **Appendix C**.

At the time of our site reconnaissance, the Alakea Plant was unoccupied and ENPRO was not allowed access to the Hicks Plant. The other structures at the subject property were also unoccupied/abandoned. Therefore, additional interviews with current owners, operators and/or occupants were not conducted.

7.0 NON-SCOPE SERVICES

Based on our assessment of the subject property it is our opinion that the following potential business environmental risks (BERs), which are not considered RECs as defined by the Practice, may be present:

- Suspect asbestos-containing materials (ACM)
- Suspect lead-containing paint (LCP)/lead-based paint (LBP)
- Contaminants of emerging concern (CECs)
- PCB-containing building materials
- Indoor air quality concerns
- Mold
- Lead in drinking water

While noted, these potential BERS were not evaluated for their potential to impact the subject property. General information regarding potential BERs at the subject property is provided in the following sections.

7.1 ASBESTOS-CONTAINING MATERIALS

In July 1989, under the Toxic Substances Control Act (TSCA), the United States Environmental Protection Agency (EPA) promulgated an Asbestos Ban Phaseout Rule. Beginning in 1990 and taking effect in three stages, the rule prohibits the importation, manufacture, and processing of 94 percent of all remaining asbestos products in the United States over a period of seven years. Presently, asbestos has not been prohibited from all construction building materials. However, in 1991, this rule was vacated and remanded by the Fifth Circuit Court of Appeals. As a result, most of the original ban on the manufacture, importation, processing, or distribution in commerce for most asbestos-containing products originally covered in the 1989 final rule was overturned.

Suspect ACM should be sampled and analyzed for possible asbestos content prior to activities (e.g., renovation, demolition) that may damage or disturb the material. If the materials are asbestos-containing, the building owner must comply with applicable EPA National Emissions Standards for Hazardous Air Pollutants (NESHAPS), Occupational Safety and Health Administration (OSHA), state and local regulations.

7.2 LEAD-CONTAINING PAINT

There is no commercial property definition of a lead-based paint. Regulations specifically addressing lead-based paint (LBP) include Housing and Urban Development (HUD) guidelines (1995) and the Consumer Product Safety Act (1977). These regulations are for housing and consumer products.

OSHA regulations apply to worker protection during renovation and demolition activities when working with LCP, regardless of if the paint meets the definition of LBP.

7.3 CONTAMINANTS OF EMERGING CONCERN

CECs describe chemicals that are not yet federally regulated but are known or suspected of causing harm to human health or the environment. These substances may be present on a property, and even significantly contaminate it, but wouldn't be covered under the scope of a Phase I ESA until they were defined as hazardous substances under CERCLA.

For example, per- and polyfluoroalkyl substances (PFAS) are considered CECs and are regulated by several states, including Hawaii, even though they are not yet federally regulated as of this writing. Once defined as hazardous substances under CERCLA, PFAS will fall under the scope of the Practice and be subject to CERCLA liability. There are several other CECs and substances not defined as hazardous substances under CERCLA (e.g., methane) that may present a BER.

7.4 POTENTIAL PCB-CONTAINING BUILDING MATERIALS

Polychlorinated biphenyls (PCBs) are widely present in manufactured products in buildings constructed or renovated between 1950 and 1979. These products include, but are not limited to:

- Paint, varnishes, and lacquers
- Non-conducting materials in electrical cables
- Rubber and felt gaskets
- Insulation materials
- Adhesives, tapes, and mastics
- Pipe hangers
- Caulk, grout, and joint material
- Acoustic ceiling and floor tiles

- Asphalt roofing and tar paper
- Sprayed-on fireproofing

Prior to renovation or demolition, suspect materials must be sampled for PCBs or presumed to contain PCBs at concentrations equal to or greater than 50 ppm. All materials that contain PCBs equal to or greater than 50 ppm require special disposal considerations.

7.5 INDOOR AIR QUALITY CONCERNS

Indoor air quality refers to the air in and surrounding buildings or structures, especially as it relates to the health and comfort of building occupants. Indoor air pollutants can be released into the building, causing a potential health hazard for inhabitants.

Pollutants may include:

- Microbial contaminants (e.g., mold, bacteria)
- Gases (e.g., carbon monoxide, volatile organic compounds)
- Formaldehyde
- Asbestos and lead
- Pesticides

7.6 MOLD

Although frequently associated with the aftermath of natural disasters, mold is much more likely to result from routine maintenance issues such as leaky pipes or HVAC malfunctions.

When mold spores are present in large quantities, they can present a health hazard to humans, potentially causing allergic reactions and respiratory problems. Some produce allergens that can trigger allergic reactions or even asthma attacks in people allergic to mold. Others are known to produce potent toxins and/or irritants.

In addition to the potential health effects, molds can cause damage to building materials as they grow and reproduce. Professional remediation efforts can be both costly and disruptive.

7.7 LEAD IN DRINKING WATER

When infrastructure was originally being built in the United States, materials were selected based on characteristics, availability, and longevity. Lead was frequently used in pipes used to transport water (or in solder). At the time, the serious health effects associated with even low

levels of lead exposure were unknown. Lead is no longer used in drinking water infrastructure, but the EPA estimates there are still between 6 and 10 million lead service lines in use in the US.

Lead can enter drinking water when plumbing materials that contain lead corrode, especially where the water has high acidity or low mineral content that corrodes pipes and fixtures. The most common sources of lead in drinking water are lead pipes, faucets, and fixtures.

8.0 FINDINGS AND OPINIONS

ENPRO's assessment yielded the following findings:

- The subject property has historically been used for maritime, military, and industrial (including power petroleum-fueled power generation) purposes since at least 1914.
- During site reconnaissance the following were observed:
 - Three monitoring wells located on the northeast portion of subject property on TMK (1) 2-1-014: 006)
 - An abandoned historical ship on the collapsing dock on the northeast side of pier 7, TMK (1) 2-1-001: 058.
 - Multiple ASTs on the subject property.
 - Six transformers are in the basement of the abandoned HECO building. The Site contact indicated that three of the transformers have been closed in place and drained of oil and three remain online. No further information about the condition, use, maintenance, or history of the transformers was available.
- During ENPROs record review, the following were identified:
 - An investigation at the Aloha Tower property, adjacent to the northwest boundary of the subject property, indicated that elevated concentrations of petroleum hydrocarbons, pesticides, and metals were detected in site soil.
 - Beneath the subject property a fuel pipeline delivers fuel from the Iwilei fuel storage area. Several leaks from this pipeline have been reported.
 - An investigation conducted by CH2M Hill focusing on the northeast portion of TMK (1) 2-1-014: 006 found that potential soil vapor intrusion, direct exposure, and gross contamination concerns exist at the site. An EHMP was developed to manage risks associated with soil and soil vapor during construction and long-term site activities. ENPRO did not identify a DOH response to the EHMP document.
 - HECO's Honolulu Generating Station located at 170 Aloha Tower Drive, Honolulu, Hawaii currently has a NPDES permit and has implemented a SWPCP.
 - The subject property is built on fill material of an unknown origin.

It is ENPRO's opinion that of the findings above, the following constitute RECs to the subject property:

- REC: Aloha Tower Development Phase III results of environmental sampling indicated elevated concentrations of COPCs in site soils. Additional

characterization of both soils and groundwater is required to evaluate the extent, volume, and nature of contamination. Due to its proximity to the subject property (adjacent to the northwest boundary), this site is interpreted to be a REC with the potential to affect the environmental condition of the subject property.

- REC: A large, abandoned historical ship on the subject property at Pier 7, TMK (1) 2-1-001: 058, was observed during the site visit. This deteriorating ship is interpreted to have the potential to environmentally affect the subject property as a result of potential residual fuels and lead in paint.
- REC: An investigation conducted by CH2M HILL on the northeast portion of TMK (1) 2-1-014: 006 found that potential vapor intrusion, direct exposure, and gross contamination concerns exist at the site. The three monitoring wells observed on the northeast portion of subject property are presumed to be remnants of this investigation. An EHMP was reportedly prepared with instruction for managing contaminated media. ENPRO did not discover a DOH response to this EHMP.
- REC: Historical and current use of the subject property as a power plant has the potential to have impacted the subject property due to potential use and storage of hazardous materials and petroleum products to support operations. Industrial and military use of the subject property and surrounding area dates back to 1914.
- REC: A fuel pipeline runs onto and beneath the northern portion of the subject property. This fuel pipeline has the potential to impact the subject property due to the petroleum products that it supplies to the subject property. Several releases have been documented associated with this fuel pipeline.
- REC: A 43,218-gallon diesel AST and two 616,434-gallon LSFO ASTs were observed on the northeast portion of subject property on TMK (1) 2-1-014: 006. Although these tanks have been decommissioned, the possibility of contamination beneath the tanks still exists.

8.1 DATA GAPS

Data gaps are not uncommon in ESAs. A data gap by itself is not inherently significant. The significance is determined by other information and professional experience as to whether the data gap raises reasonable concerns about activities that may present a REC.

8.1.1 GENERAL DATA GAPS

ENPRO identified the following data failures or data gaps during this ESA. These data gaps did not affect ENPRO's ability to form an opinion regarding RECs, C-RECs, or H-RECs in connection with the subject property:

- Site use to first development was not identified.

- During the site reconnaissance, the abandoned ship and the dock it was stored at were inaccessible due to safety concerns.
- During the site reconnaissance, the Hicks Plant and the machine shop on TMK (1) 2-1-014: 006 were not made accessible.

Based on the information obtained, the lack of documentation for these data gaps is not deemed critical and did not affect the ability to identify potential REC(s) associated with the subject property.

If any information deemed relevant to ENPRO's conclusions is obtained within 20 days of the date of this report, ENPRO will issue an addendum letter revising the Phase I ESA's findings, opinions, and conclusions.

8.1.2 SIGNIFICANT DATA GAPS

ENPRO identified the following data failures or data gaps during this ESA that are considered to be significant, meaning they potentially affect ENPRO's ability to form an opinion regarding RECs, C-RECs, or H-RECs in connection with the subject property:

- The subject property may be negatively impacted by activities associated with the former Naval Reserve (circa [c.] 1914 to c. 1959), which previously occupied portions of the subject property and historical industrial activities identified on the subject property prior to HECO's operations. No information was readily ascertainable regarding the historical military use of the subject property.
- User representatives did not provide Title information or information regarding any research into potential AULs or environmental liens associated with the subject property.
- ENPRO did not receive documentation stating that corrective actions regarding potential violations identified during a 2003 RCRA Compliance Evaluation Inspection were completed. These violations involved used oil storage and accumulation time within the Hicks Plant. ENPRO did not have access to the building for which these potential violations were reported.

8.2 DELETIONS

This Phase I ESA did not contain any deletions from the Practice.

9.0 CONCLUSIONS

We have performed a Phase I ESA of the subject property in conformance with the scope and limitations of the Practice. Any exceptions to, or deletions from, this practice are described in Sections 2.5 and 8.2 of this report.

This assessment has revealed no RECs, CRECs, or significant data gaps in connection with the subject property, except for those described in **Table 1-1** (RECs) and **Table 1-2** (H-RECs).

Potential BERS and other environmental concerns which cannot be definitively categorized as RECs due to insufficient available information required to make a determination are described in **Table 1-3**.

9.1 RECOMMENDATIONS

The Practice does not require the environmental professional to provide recommendations regarding identified environmental conditions at the subject property. As a service to its clients, ENPRO provides recommendations to further evaluate and/or address potential environmental concerns, if warranted, as described below.

Based on the findings of this investigation, ENPRO recommends the following additional actions and/or investigations:

- Properly dispose of 20-pound propane tanks observed on the southern exterior of Pier 7.
- Properly clean the two-foot by one-foot oil sheen on the collapsing dock of Pier 7.
- Historical activities at the subject property, including a machine shop, power plant, fuel pipeline, and a Naval reservation: conduct soil and groundwater sampling in the areas of the above historical features to assess for the presence of COPCs. If contamination is identified, additional sampling may be required to delineate its extent.
- Remove the abandoned ship and deteriorating dock at Pier 7.
- Evaluate the management of contaminants covered by the SWPCP and assess the effectiveness of the implementation of this Plan.
- Assess for possible impacts to the subject property associated with contaminants detected on the Aloha Tower property adjacent to the northwest.
- In the event redevelopment or subsurface improvements are planned (including utility repairs/upgrades) evaluate for the presence of contaminants in soils and/or groundwater

to be disturbed and perform the environmental hazard assessment and management planning recommended in the DOH TGM.

10.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

In expressing the opinions stated in this report, ENPRO has exercised a degree of skill and care ordinarily exercised by a reasonably prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. The independent conclusions represent our professional judgment based on information and data available to us during this assignment.

If you have any questions regarding this report, please contact the ENPRO contact listed on the cover of this report at (808) 748-2108.

Researched by: Alexis Aguilar, Project Manager

Surveyed by: Alexis Aguilar, Project Manager

Written by: Alexis Aguilar, Project Manager

Supervised by: Kenton Beal, President

I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed by:



Kenton Beal
President, ENPRO Environmental

11.0 REFERENCES

Publications:

- Names of Publication: Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy For Hawaii
Author of Publication: Mink, J.F. and L.S. Lau
Published by: Water Resources Research Center, University of Hawaii at Manoa, Honolulu, Hawaii
Date of Publication: 1990
Information Obtained: Groundwater data
- Names of Publication: Groundwater Well Index
Author of Publication: State of Hawaii, Department of Natural Resources, Commission on Water Management
Date of Publication: January 2001
Information Obtained: Groundwater wells
- Names of Publication: Ownership records and Tax Map Key maps
Author of Publication: City and County of Honolulu
Information Obtained: Ownership records
- Names of Publication: Aerial photographs
Published by: ERIS
Date of Publication: 1952, 1959, 1963, 1978, 1982, 1985, 1993, 2000, 2004, 2008, 2011, 2015, 2017, 2022
Information Obtained: Historical use
- Names of Publication: Sanborn fire insurance maps
Published by: ERIS
Date of Publication: 1914, 1927, 1950, 1951, 1956
Information Obtained: Historical use
- Names of Publication: Code of Federal Regulations, Title 40, Part 761, Rules for Controlling PCBs under the Toxic Substance Control Act,
Author of Publication: U.S. Environmental Protection Agency
Date of Publication: December 14, 1990
Information Obtained: PCB regulations
- Names of Publication: Soil Survey for the Islands of Oahu, State of Hawaii
Author of Publication: Foote, Donald E. et al.

Published by: U.S. Department of Agriculture, Soil Conservation Service, in cooperation with the University of Hawaii Agricultural Experiment Station.

Date of Publication: 1972

Information Obtained: Soil classification

Names of Publication: Database Report

Author of Publication: ERIS

Date of Publication: February 12, 2024

Information Obtained: Regulatory database records

Names of Publication: Topographic Maps, Honolulu Quadrangle, Hawaii

Author of Publication: United States Geological Survey (USGS)

Date of Publication: 1953, 1959, 1969, 1978, 1983, 1998, 2013, 2017

Information Obtained: Historical use

Names of Publication: Underground Storage Tank Removal Notification

Author of Publication: Industrial Technology Tank Cleaning and Waste Management

Date of Publication: November 10, 1989

Information Obtained: Historical Data

Names of Publication: RCRA Compliance Evaluation Inspection

Author of Publication: United States EPA Waste Management Division

Date of Publication: March 18, 2003

Information Obtained: Historical Data

Names of Publication: National Pollutant Discharge Elimination System CEI

Author of Publication: PG Environmental

Date of Publication: November 17, 2014

Information Obtained: Historical Data

Names of Publication: API 653 Internal Inspection, HECO Tanks 5, 6, & 7

Author of Publication: Power Engineering & Inspection Inc.

Date of Publication: May 27, 2014

Information Obtained: Historical Data

Names of Publication: Stormwater Pollution Control Plan, HECO

Author of Publication: Hawaiian Electric Environmental Department

Date of Publication: October 31, 2016

Information Obtained: Historical Data

Names of Publication: Authorization to Discharge Under the NPDES

Author of Publication: Hawaii Department of Health

Date of Publication: July 10, 2020
Information Obtained: Historical Data

Names of Publication: Phase I Preliminary Hazardous Materials Site Assessment
Author of Publication: Harding Lawson Associates
Date of Publication: November 3, 1989
Information Obtained: Historical Data

Names of Publication: Phase II Environmental Site Assessment Report
Author of Publication: CH2M HILL
Date of Publication: February 2021
Information Obtained: Historical Data

Names of Publication: Protective Casing Installation Phase III Geotechnical Borings
Author of Publication: Subsurface Consultants, Inc.
Date of Publication: February 20, 1991
Information Obtained: Historical Data

Names of Publication: Work Plan Sampling and Analysis Plan (SAP) Subsurface Investigation and Feasibility Study
Author of Publication: Harding Lawson Associates
Date of Publication: April 9, 1991
Information Obtained: Historical Data

Contacts:

Agency or Business: Wilson Okamoto Corporation
Representative: Mr. Keola Cheng
Telephone Number: 808-946-2277
Date Received: January 25, 2024
Information Obtained: Historical and current use

Agency or Business: The Wilhelm Group
Representative: Ms. Donna Takeda
Telephone Number: 808-791-2382
Date Received: January 25, 2024
Information Obtained: Historical and current use

Agency or Business: City and County of Honolulu Fire Department
Location of Agency: 2827 Waimano Home Road, Suite 100, Pearl City
Telephone Number: 808-586-4226
Date Received: April 23, 2006
Information Obtained: Historical information

Agency or Business: Solid and Hazardous Waste Branch (SHWB)
Location of Agency: 2827 Waimano Home Road, Suite 100, Pearl City
Telephone Number: 808-586-4226
Date Received: Feb 27, 2024
Information Obtained: Regulatory records

Agency or Business: Hazard Evaluation and Emergency Response (HEER)
Location of Agency: 2385 Waimano Home Road, Suite 100, Pearl City
Telephone Number: 808-586-4249
Date Received: March 7, 2024
Information Obtained: Regulatory records

12.0 APPENDICES

Appendix A: Figures

Appendix B: Photographs

Appendix C: Communications/Interviews

Appendix D: Historical Information

Appendix E: Regulatory Database Information

Appendix F: Relevant Prior Reports/Report Excerpts

Appendix G: Relevant Regulatory File Information

Appendix H: Qualifications

Figures



Source: U.S. Geological Survey, 2017

Figure 1
TOPOGRAPHIC MAP

Scale: 1 inch = 2,000 feet

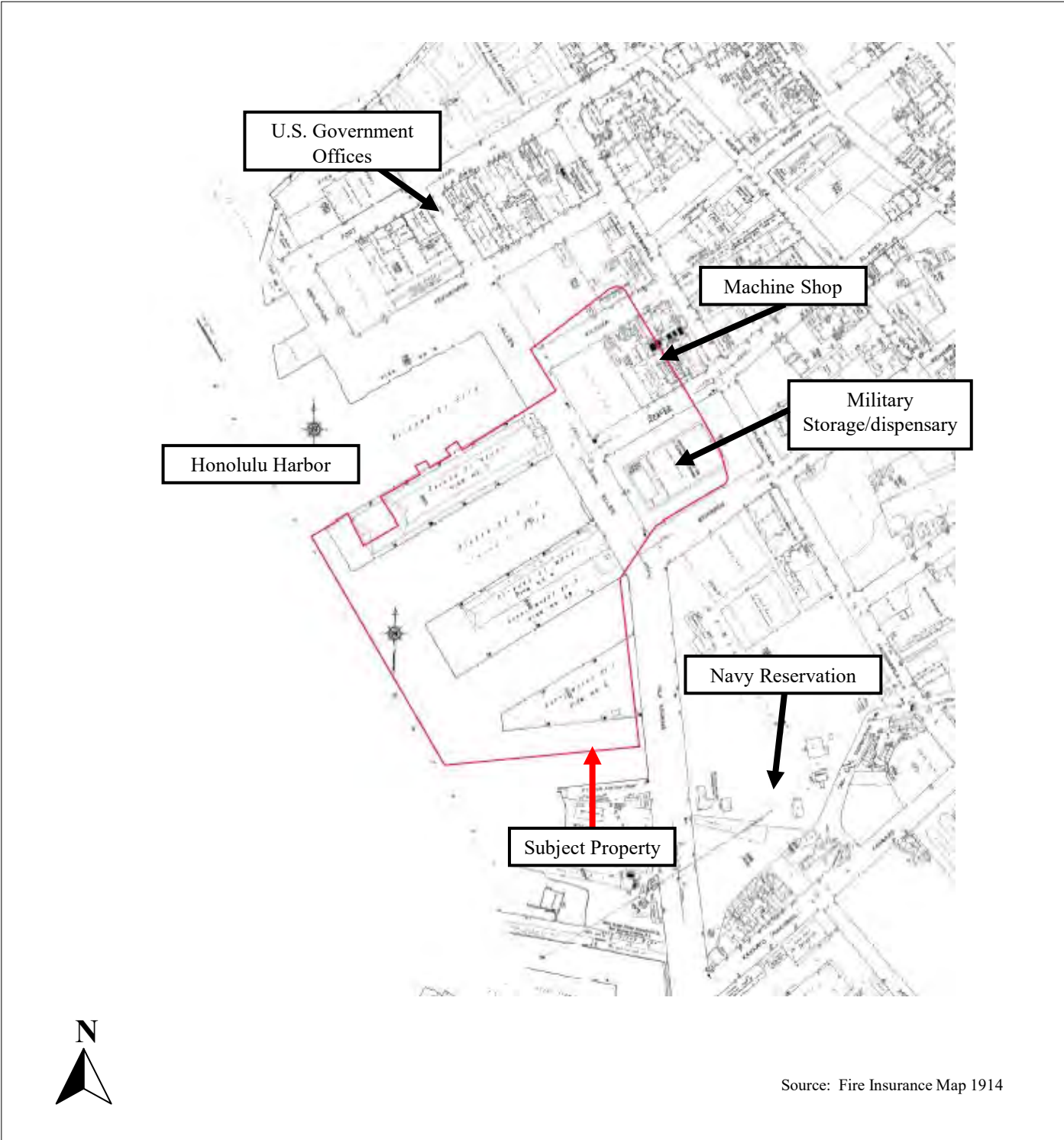


Figure 2
SANBORN FIRE INSURANCE MAP, 1914

Scale: 1 inch = Approximately 220 feet





Source: Aerial Map 2022

Figure 3
Aerial Map, 2022

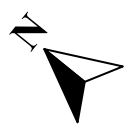
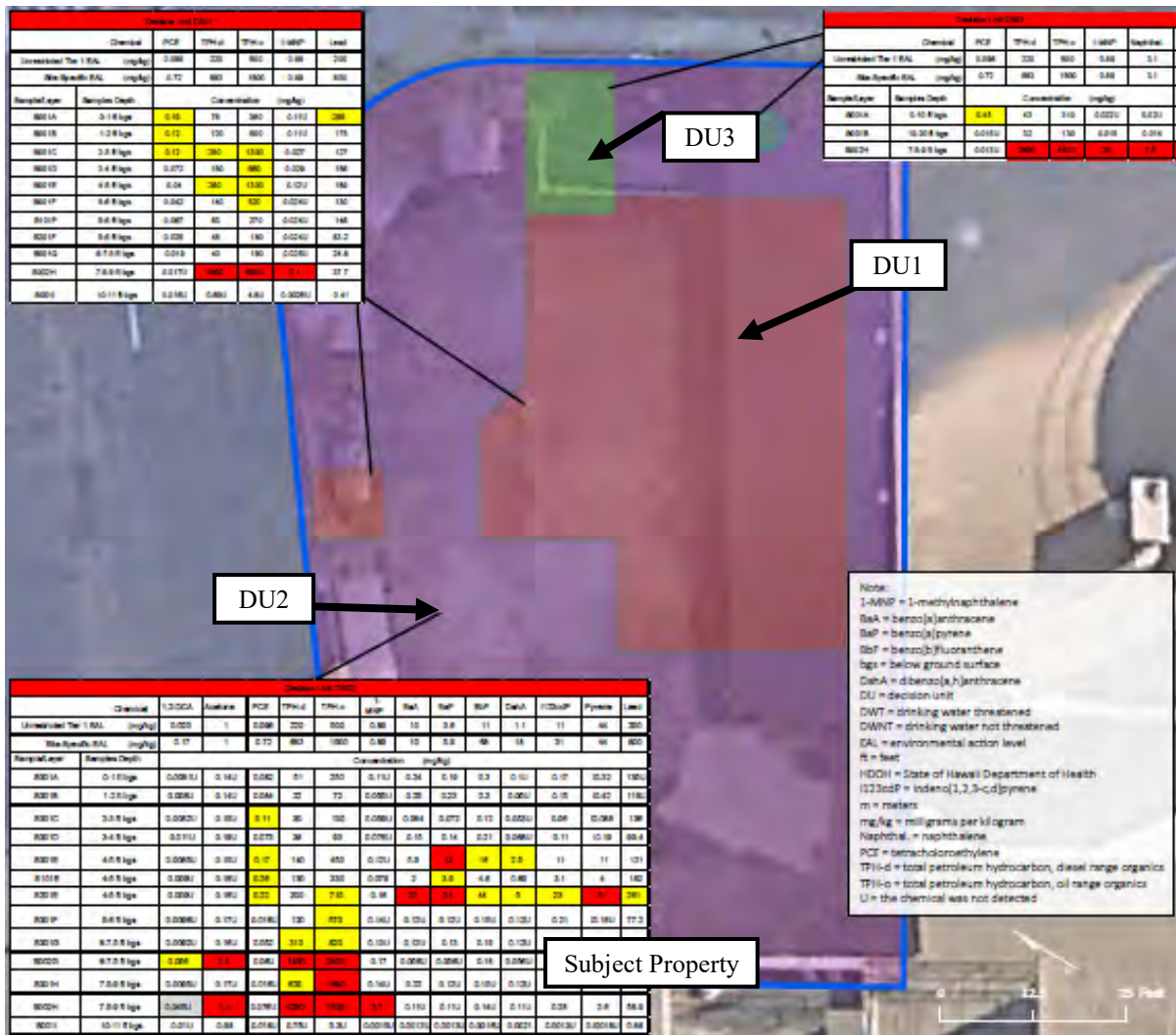
Scale: 1 inch = Approximately 300 feet



Source: Google Earth 2024

Figure 4
Google Earth 2024

Scale: 1 inch = Approximately 170 feet

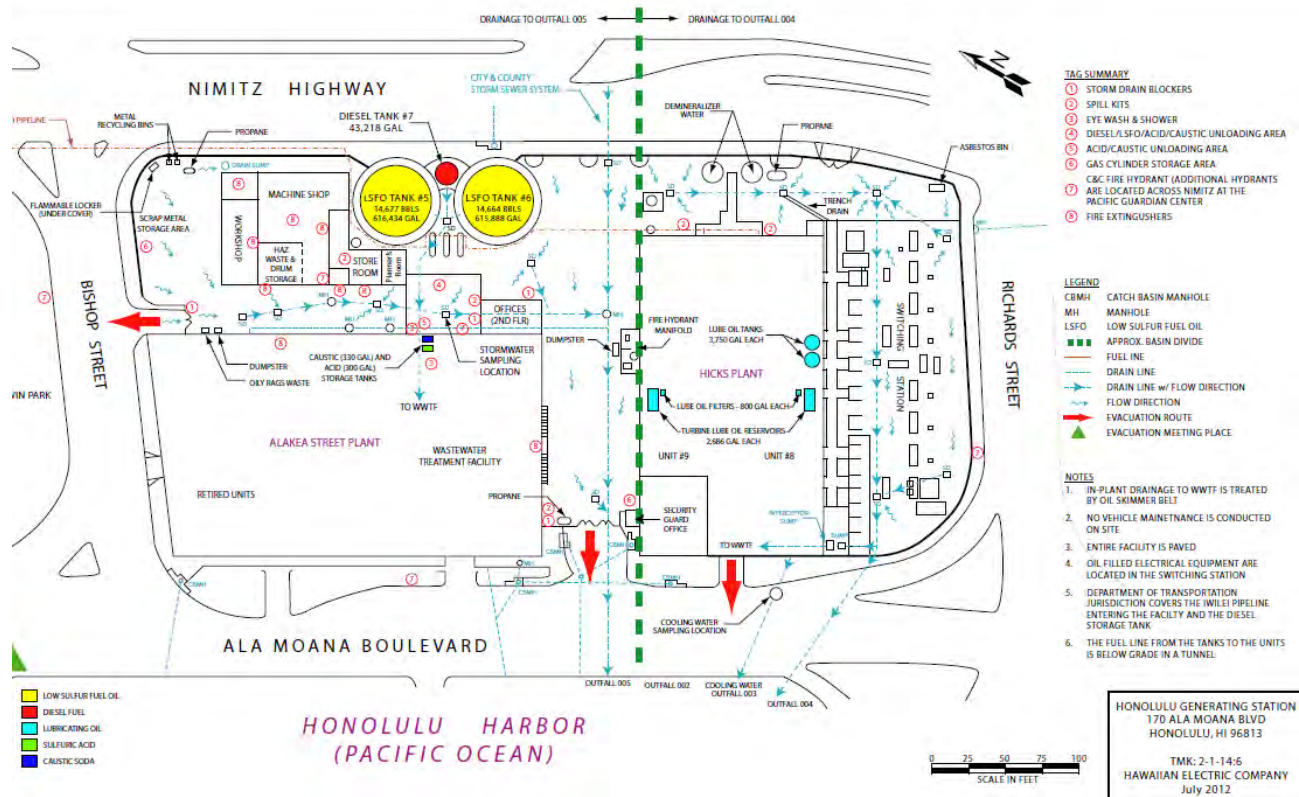


Source: HART Phase II ESA, 2021

Figure 5
HART Phase II ESA, 2021

Scale: 1 inch = Approximately 25 feet





Source: HECO, 2012

Figure 6
 Honolulu Generating Station, 2012

Scale: 1 inch = Approximately 100 feet

Photographs



Photo 1

Pier 7 Abandoned Maritime Museum – Facing Southwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



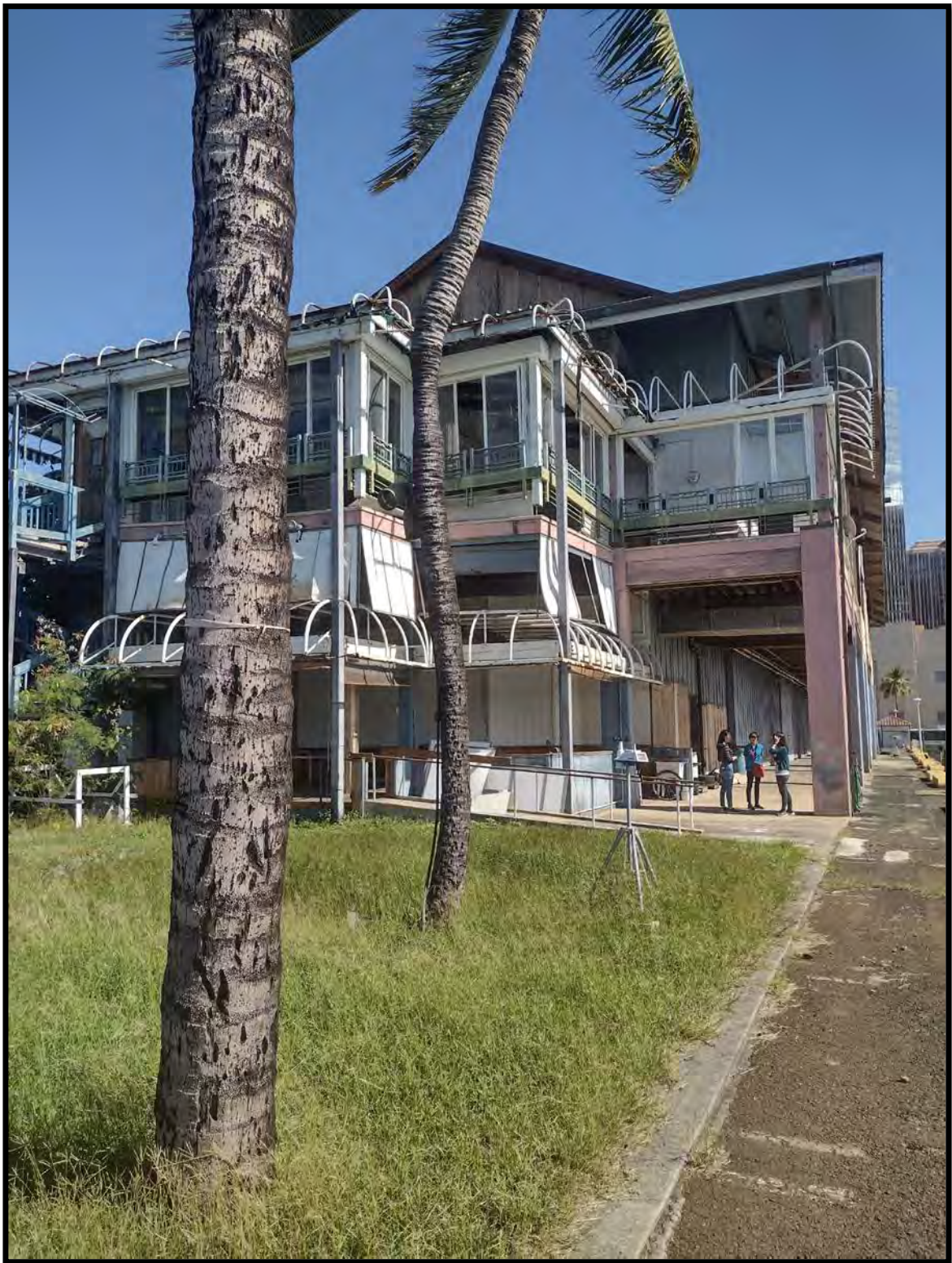


Photo 2

Pier 7 Abandoned Maritime Museum – Facing Northeast



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 3

Pier 7 Abandoned Ship and Collapsing Dock– Facing Northeast



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 4

Pier 7, 55-Gallon Drums and 20-Pound Propane Tank– Facing Northwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 5

Contents in 55-Gallon Drums – Empty Wood Sealant



Photo 6

Contents of 55-Gallon Drums –Miscellaneous Debris



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 7

Rusted 20-pound Propane Tank

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024

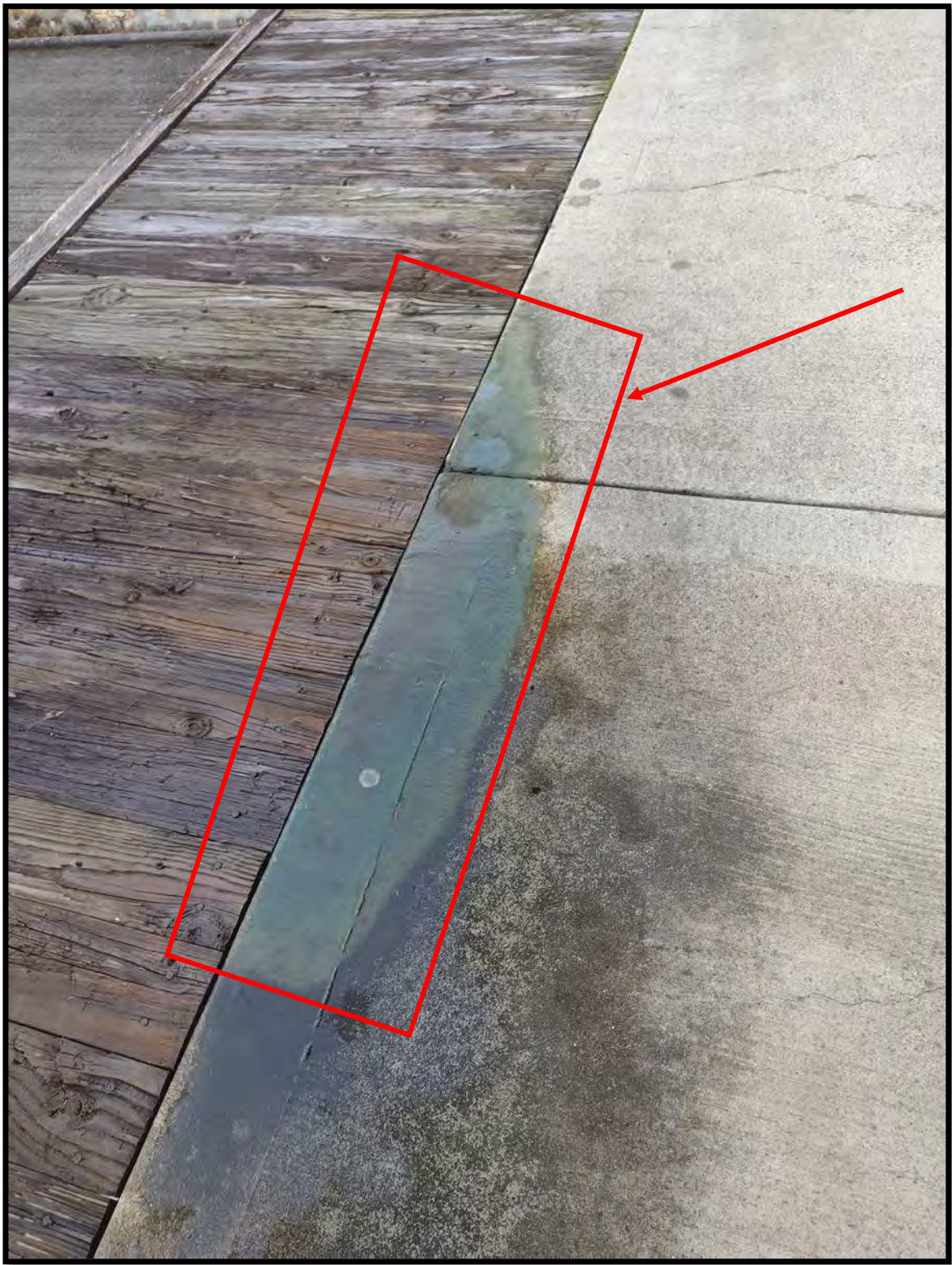


Photo 8

Pier 7, Two Foot by One Foot Oil Sheen

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 9

Honolulu Harbor Adjacent to Pier 7, No Visible Sheens or Spills – Facing Northwest



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024

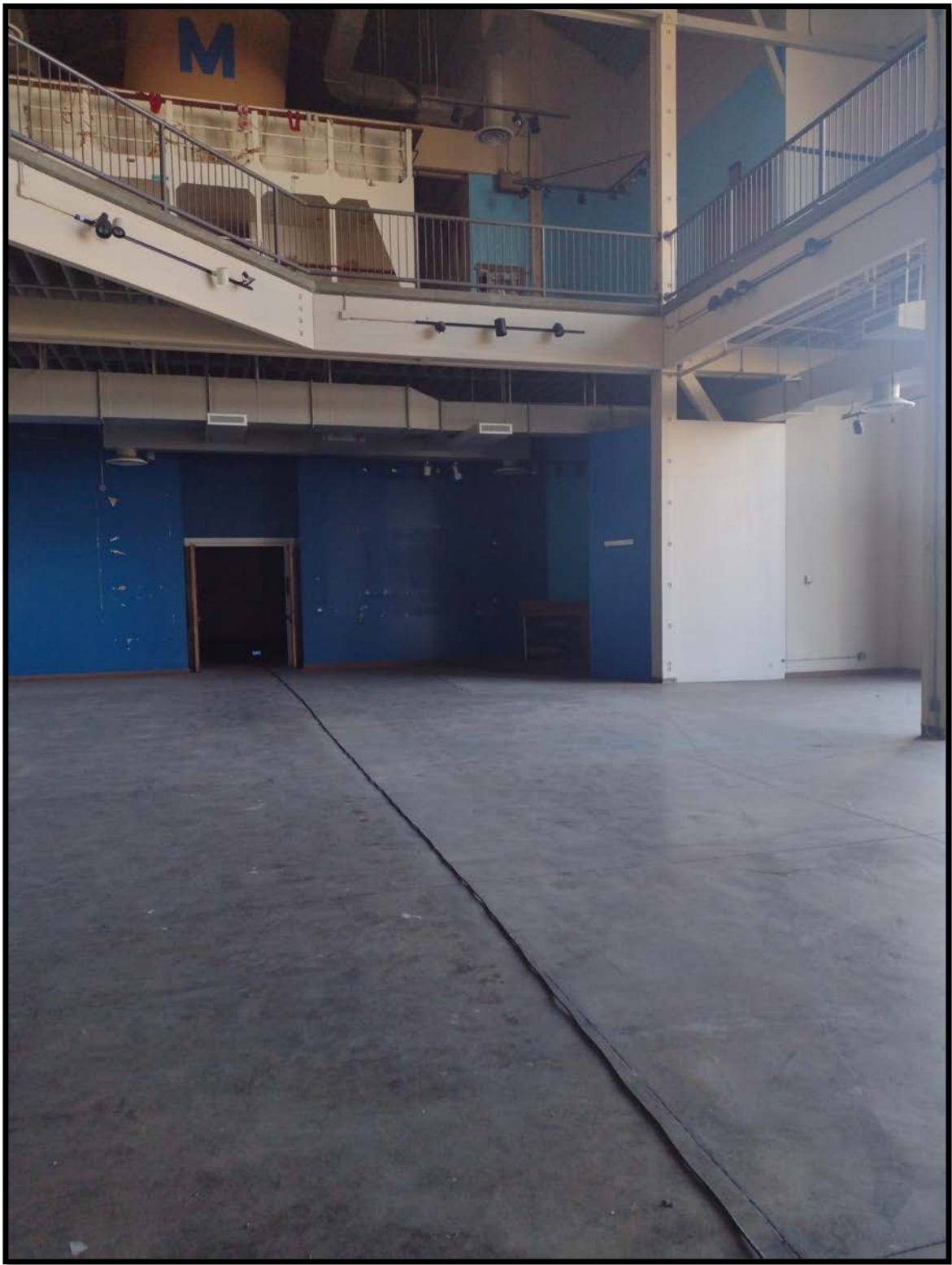


Photo 10

Pier 7 Abandoned Maritime Museum Interior – Facing Southwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



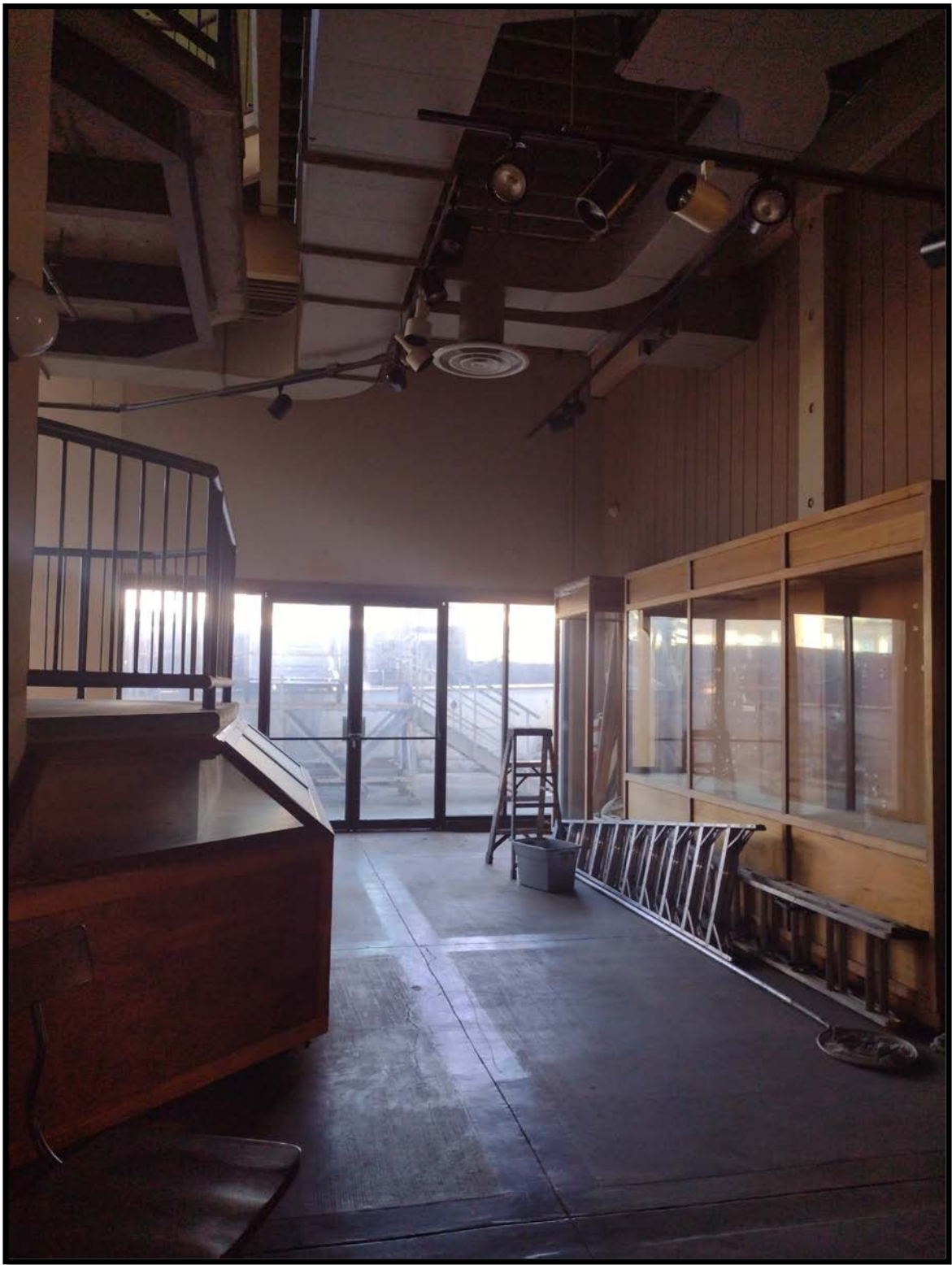


Photo 11

Pier 7 Abandoned Maritime Museum Interior – Facing Northwest



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 12

Pier 7 2nd floor of Abandoned Maritime Museum Interior – Facing Southwest



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 13

Pier 7 Ceiling of Abandoned Maritime Museum – Facing Southwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 14

HECO Abandoned Alakea Plant – Facing Northeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 15

HECO Abandoned Alakea Plant Entrance – Facing Southeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 16

HECO Abandoned Alakea Plant Ground Floor Interior – Facing East



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 17

HECO Abandoned Alakea Plant 2nd Floor Lab – Facing Northwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 18

HECO Abandoned Alakea Plant 4th Floor Storage Room – Facing Southwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 19

HECO Abandoned Alakea Plant 5th Floor Warehouse – Facing South

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 20

HECO Abandoned Alakea Plant 6th Floor Lab/Office – Facing Southwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



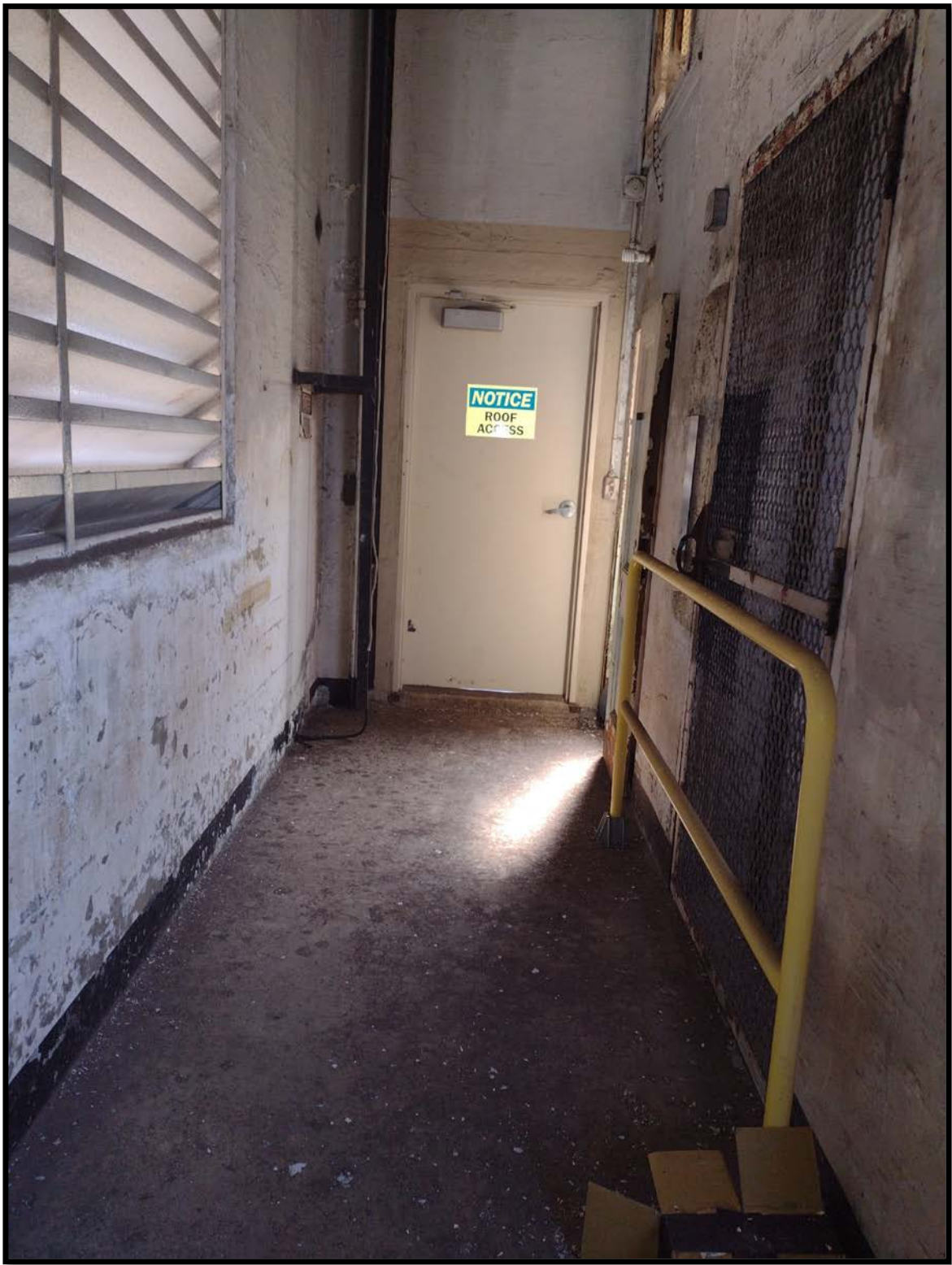


Photo 21

HECO Abandoned Alakea Plant Roof Access– Facing Northwest

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



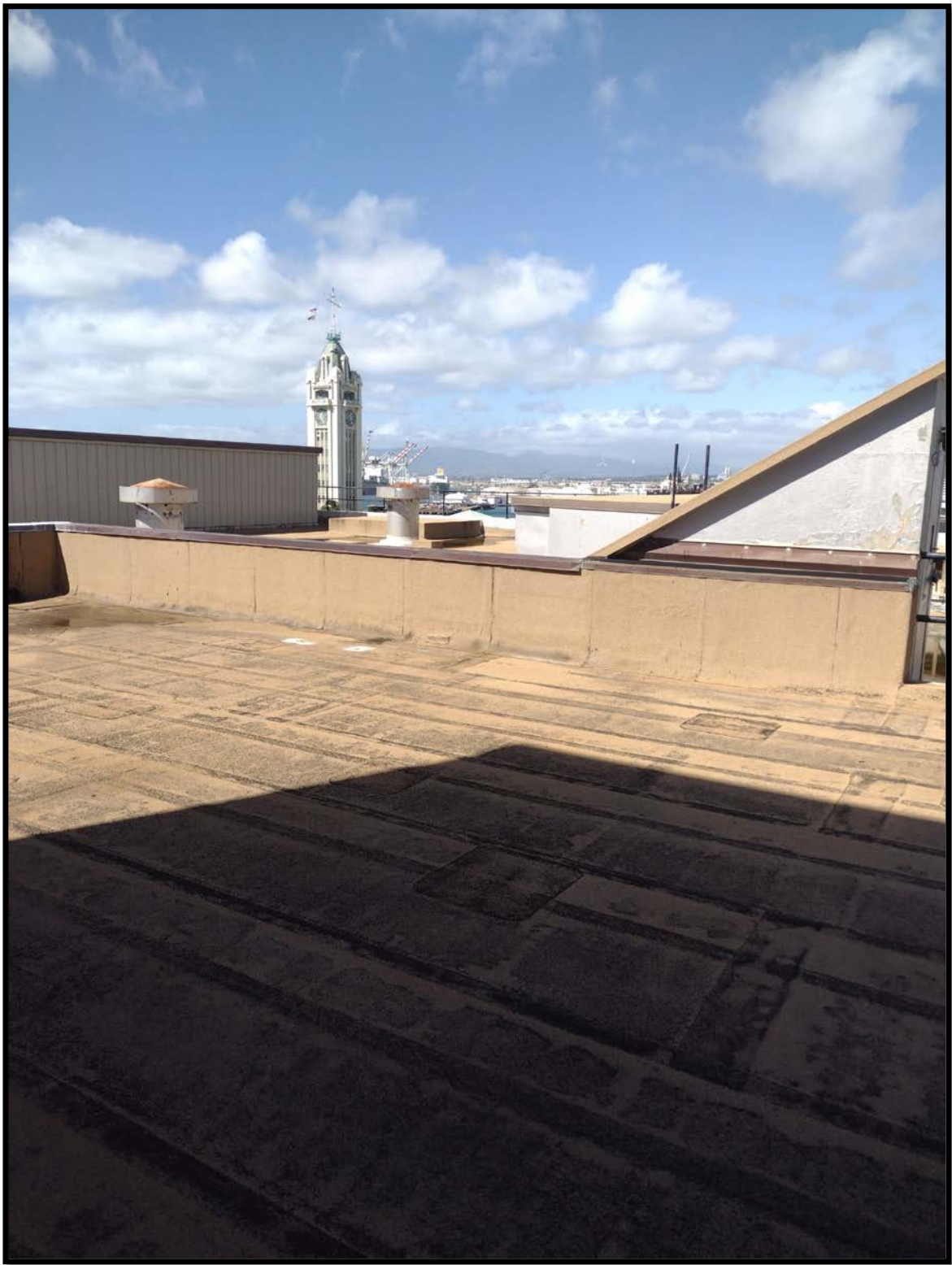


Photo 22

HECO Abandoned Alakea Plant Roof– Facing South

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



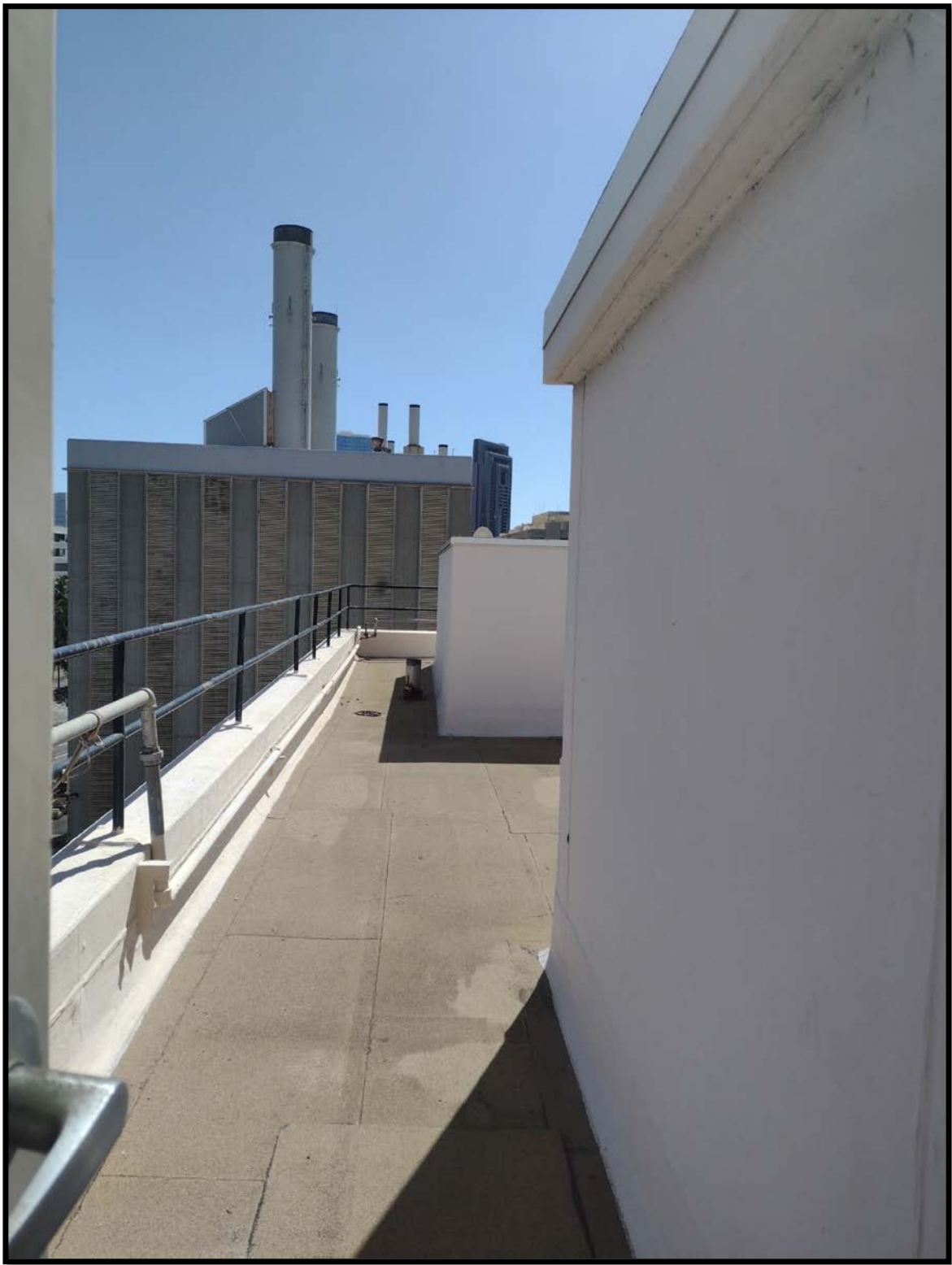


Photo 23

HECO Abandoned Alakea Plant Roof- Facing Northeast



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 24

HECO Abandoned Alakea Plant 616,434-gallon Low Sulfur Fuel Oil (LSFO) Above Ground Storage Tanks (AST's)– Facing Southeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



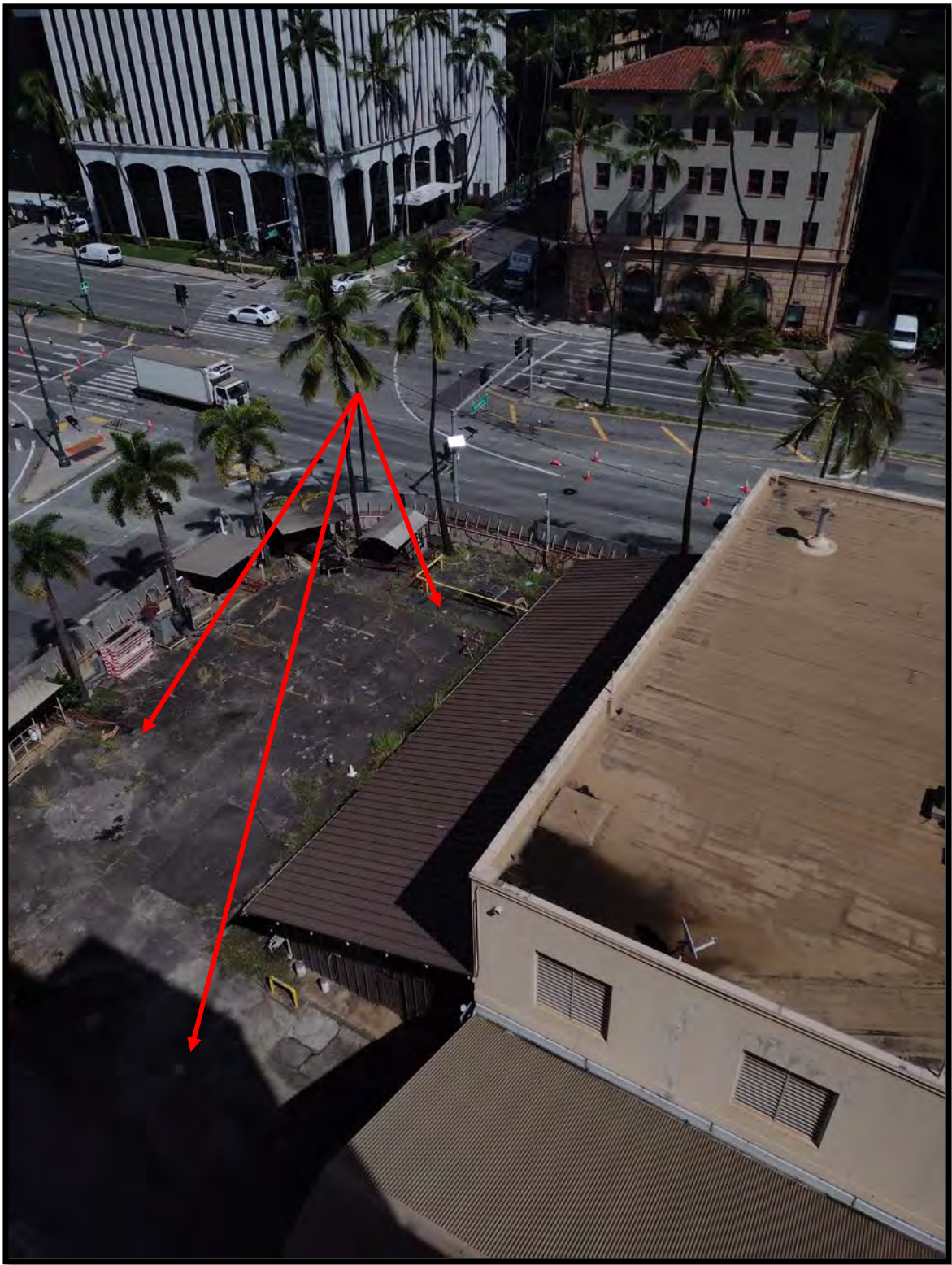


Photo 25

HECO Abandoned Alakea Plant Three Monitoring Wells– Facing North



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 26

HART Phase II Investigation Geotechnical Borings – Facing Northeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 27

EMCO Monitoring Well Cover



Photo 28

Paved Parking Lot TMK (2)-1-001: 057 – Facing Southwest



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 29

Water Tower Within Paved Parking Area – Facing West

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 30

Paved Parking Lot – Facing South



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 31

Atlantic Cruises Ticket Office – Facing West



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 32

Fenced Off Adjacent Property, HECO Hicks Plant – Facing South



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 33

Fenced Off Adjacent Property, HECO Hicks Plant – Facing Southeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



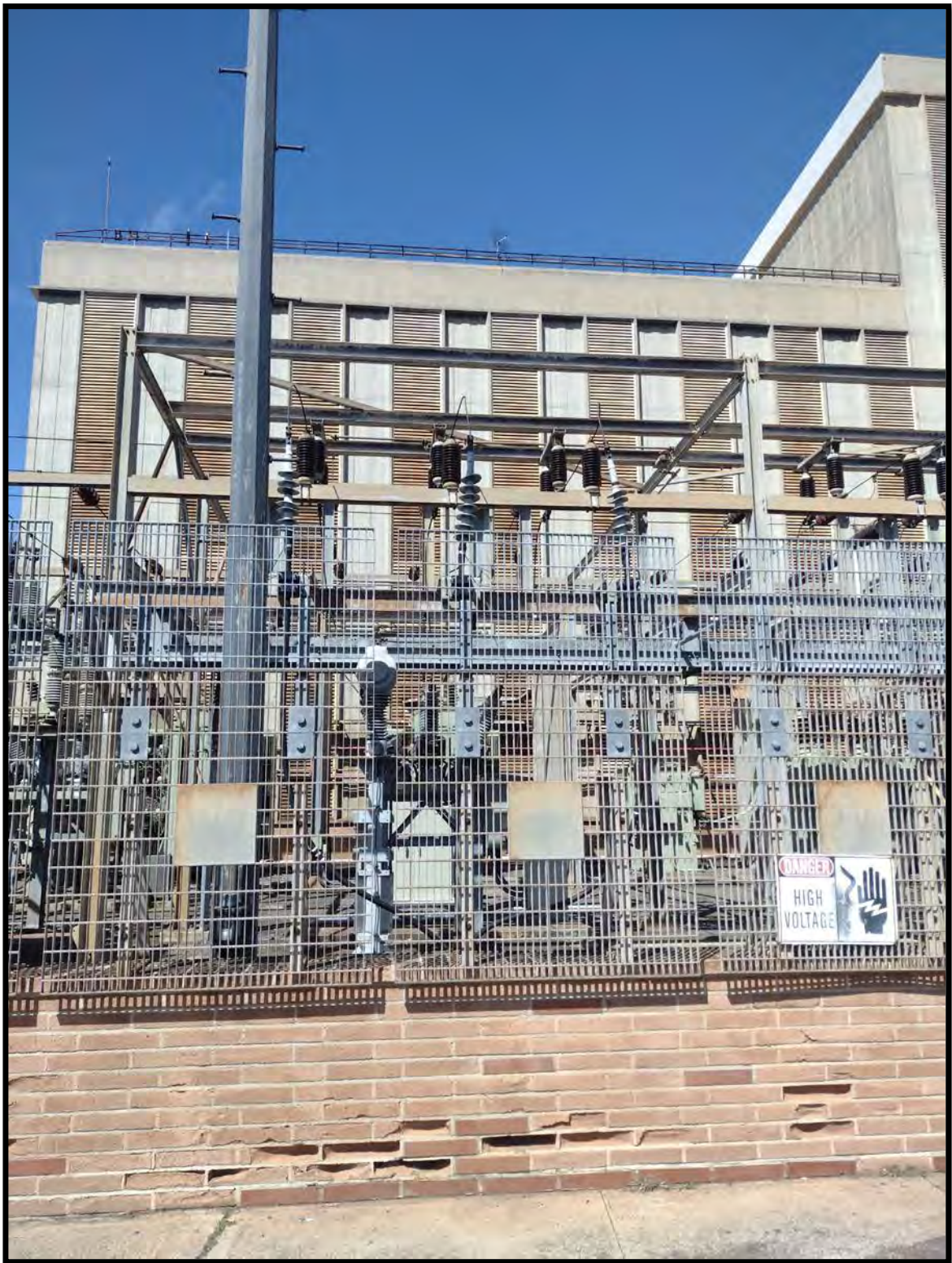


Photo 34

Fenced Off Adjacent Property, HECO Hicks Plant – Facing North

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 35

Adjacent Property, Aloha Tower – Facing West



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 36

Adjacent Property, Topa Tower – Facing Northeast

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024





Photo 37

Adjacent Property, Pacific Guardian Tower and Harbor Square Tower – Facing Northeast



Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Photo 38

Adjacent Property, Coast Guard Testing Center – Facing South

Project Number: 2312-00396-PH1

Aloha Tower Drive

Date of Photos: February 2, 2024



Communications/Interviews





Phase I Environmental Site Assessment User Questionnaire

The person who will use the Phase I ESA should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers to 1b), 2, 3, 4, 5, and/or 6 on a separate sheet of paper and attaching supporting documentation. Without these answers, our report would have to note that the Phase I ESA is incomplete, and your Landowner Liability Protections could be at risk. Provide the completed questionnaire before we conduct the site visit.

Completed by:	Name:	Rachel Oximana
	Company:	Tradewinds Garden & Glass
	Title:	Enterprise Project Manager
	Phone Number:	206-719-0725
	Time Familiar with Site:	Since 2021
	Relationship to Site:	Future Lessee

PROJECT NO.: 2312-00396-PH1
PROJECT NAME/ADDRESS: 170 Aloha Tower Drive

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property. Such liens might be found in the “exceptions to coverage” section of the property’s title insurance commitment or policy. Please attach all documentation pertaining to environmental cleanup liens.

- a) *Have you checked for these environmental cleanup liens?* Yes No
- b) *Are you aware of any such liens against the subject property?* Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g. caps) and land use restrictions or institutional controls (e.g. deed restrictions, covenants) that may be in place at the subject property or filed under federal, tribal, state, or local law. The title commitment or policy might list AULs. Please attach all documentation pertaining to environmental cleanup liens.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used at the subject property or adjacent properties. Include information on above-ground and/or underground storage tanks, cess pools, etc.

Do you have any specialized knowledge that might indicate the past or present use of such substances on the subject or nearby properties? Yes No

4. **Fair Market Value.** A purchase price significantly below fair market value may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below market value, the User should consider whether it might be because contamination may be present at the subject property.

Is the purchase price significantly below fair market value? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a) Describe past uses of the property:

This building was occupied by HECO. We were not aware of the specific functions that were operating in this building. +

b) Describe any specific chemicals that are present or were once present at the property:

Unknown

c) Describe any other information such as spills, cleanups, or previous environmental investigations that may help us identify possible contamination:

Unknown

6. **Obvious Indicators.** This includes any spills, stains, releases, cleanups, etc. on or near the subject property.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

7. **Purpose of Phase I.** Please indicate your purpose for conducting a Phase I Environmental Site Assessment as the subject property.

Sale/purchase Return of lease Redevelopment Other _____

8. **Plans.** This includes general maps, as-build drawings, etc. Please attach all available plans for the subject property.

Can you supply a floor plan diagram and list of tenants for the structures at the property? Yes No

9. **Attachments.** Please indicate all documentation provided along with this questionnaire.

- | | | | |
|--|--------------------------------|------------------------------------|---|
| a) Ownership records | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| b) Environmental liens | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| c) AULs | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| d) Explanation of specialized knowledge | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| e) Explanation of reduced fair market value | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| f) Additional information regarding common knowledge | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| g) Explanation of obvious indicators of contamination | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| h) Previous environmental reports | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| i) Floor plan | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| j) Site map | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| k) As-built drawings | <input type="radio"/> Attached | <input type="radio"/> Not Provided | <input checked="" type="radio"/> Not Applicable |
| l) Other Drawings (HECO Drawings), Scan (21133 and 21133-01 - DTM) | | | |

Respondent Affirmation. Respondent represents that to the best of their knowledge the above statements and facts are true and correct and no material facts have been suppressed or misstated.

Signature _____ Date _____

Answers to this questionnaire have been orally communicated to a representative of ENPRO Environmental, and was completed by:

Name _____ Signature _____ Date _____



Phase I Environmental Site Assessment Site Questionnaire

Persons with significant knowledge of the subject property – such as past and present owners and occupants – should provide the following information. Please fill in this form to the best of your ability and attach supporting documentation, if available. Without these answers, our report would have to note that the Phase I ESA is incomplete, and applicable Landowner Liability Protections could be at risk. **Return the completed questionnaire as soon as possible.**

Completed by: Name: _____
 Company: _____
 Title: _____
 Phone Number: _____
 Time Familiar with Site: _____
 Relationship to Site: _____

PROJECT NO.:

PROJECT NAME/ADDRESS:

GENERAL SITE USEAGE

1. What is the current use of the property? _____
2. Are hazardous materials or petroleum products currently present at the property? Yes No Unknown
 If yes, what type and where are they located? _____

3. What is the past use of the property? _____
4. Were hazardous materials or petroleum products previously present at the property? Yes No Unknown
 If yes, what type and where were they located? _____

5. What are the current uses of the adjacent properties? _____
6. What were the past uses of the adjacent properties? _____
7. What are the current uses of the surrounding area? _____
8. What were the past uses of the surrounding area? _____

EXTERIOR AREAS

9. Are there pits, ponds, or lagoons on or near the property? Yes No Unknown
10. Are there any rivers or creeks that run through the property? Yes No Unknown
11. Are there or have there ever been any above-ground storage tanks? Yes No Unknown

If yes, please complete the table below (status = active, out-of-use, removed, etc.):

Contents	Capacity	Location	Status	Known Leak?	Closure Report?

12. Are there any underground storage tanks on the property? Yes No Unknown

If yes, please complete the table below (status = active, out-of-use, removed, etc.):

Contents	Capacity	Location	Status	Known Leak?	Closure Report?

13. Are there any pipes of unidentified use on the property exterior? Yes No Unknown

If yes, where? _____

14. Are there any 55-gallon drums on the property exterior? Yes No Unknown

If yes, please describe number, contents, and location: _____

15. Are there any unidentified substance containers on the property exterior? Yes No Unknown

If yes, please describe their size and location: _____

16. Is there any electrical or hydraulic equipment on the property exterior? Yes No Unknown

If so, does the equipment contain PCBs?

Please describe the number, type, and location of the equipment: _____

17. Are there any areas of stained soil or pavement on the property? Yes No Unknown

If so, where? _____

18. Is there any evidence of stressed vegetation on the property? Yes No Unknown
If so, where? _____
19. Is there any solid waste on the property? Yes No Unknown
If so, where? _____
20. Are there any wells on the property? Yes No Unknown
If so, please describe the number, type, location, and purpose: _____

21. Are there any septic systems on the property? Yes No Unknown

INTERIOR AREAS

22. Are there interior heating/cooling systems? Yes No Unknown
23. Is there evidence of stains or corrosion on floors/walls/ceilings? Yes No Unknown
If so, in which rooms? _____
24. Are there any sump pumps on the property? Yes No Unknown
25. Are there any pipes of unidentified use on the property interior? Yes No Unknown
If so, where? _____
26. Are there any 55-gallon drums on the property interior? Yes No Unknown
If yes, please describe number, contents, and location: _____

27. Are there any unidentified substance containers on the property interior? Yes No Unknown
If yes, please describe their size and location: _____

28. Is there any electrical or hydraulic equipment on the property interior? Yes No Unknown
If so, does the equipment contain PCBs? Yes No Unknown
Please describe the number, type, and location of the equipment: _____

PROPERTY DOCUMENTATION

29. Do you know of any past or present environmental documents or inspections? Yes No Unknown
30. Do you know of any hazardous waste permits? Yes No Unknown

31. Do you know of any wastewater permits? Yes No Unknown
32. Do you know of any underground injection permits? Yes No Unknown
33. Do you know of any stormwater pollution prevention plans? Yes No Unknown

34. Please indicate all supporting documentation provided along with this questionnaire.

a) Environmental document(s)/inspection(s)	Attached	Not Provided	Not Applicable
b) Hazardous waste permit(s)	Attached	Not Provided	Not Applicable
c) Wastewater permit(s)	Attached	Not Provided	Not Applicable
d) Underground injection permit(s)	Attached	Not Provided	Not Applicable
e) Stormwater pollution prevention plan(s)	Attached	Not Provided	Not Applicable
f) Underground storage tank documentation	Attached	Not Provided	Not Applicable
g) Above-ground storage tank documentation	Attached	Not Provided	Not Applicable
h) Floor plan	Attached	Not Provided	Not Applicable
i) Site map	Attached	Not Provided	Not Applicable
j) As-built drawings	Attached	Not Provided	Not Applicable
k) Other _____			

35. Is there anything else we should know?

Respondent Affirmation. Respondent represents that to the best of their knowledge the above statements and facts are true and correct and no material facts have been suppressed or misstated.

Signature  Date

Answers to this questionnaire have been orally communicated to a representative of ENPRO Environmental, and was completed by:

Name Signature Date



Phase I Environmental Site Assessment User Questionnaire

The person who will use the Phase I ESA should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers to 1b), 2, 3, 4, 5, and/or 6 on a separate sheet of paper and attaching supporting documentation. Without these answers, our report would have to note that the Phase I ESA is incomplete, and your Landowner Liability Protections could be at risk. Provide the completed questionnaire before we conduct the site visit.

Completed by: Name: Ron Severt
Company: Garden Art LLC
Title: VP Special Event 2.0 Management (Manager of Garden Art LLC)
Phone Number: 206-719-0725
Time Familiar with Site: Since 2021
Relationship to Site: Future Lessee

PROJECT NO.: 2312-00396-PH1
PROJECT NAME/ADDRESS: 170 Aloha Tower Drive

1. Environmental Cleanup Liens. ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property. Such liens might be found in the "exceptions to coverage" section of the property's title insurance commitment or policy. Please attach all documentation pertaining to environmental cleanup liens.

- a) Have you checked for these environmental cleanup liens? Yes No
b) Are you aware of any such liens against the subject property? Yes No

2. Activity and Use Limitations (AULs). These include engineering controls (e.g. caps) and land use restrictions or institutional controls (e.g. deed restrictions, covenants) that may be in place at the subject property or filed under federal, tribal, state, or local law. The title commitment or policy might list AULs. Please attach all documentation pertaining to environmental cleanup liens.

Are you aware of any possible AULs involving the subject site? Yes No

3. Specialized Knowledge. This involves personal knowledge or experience related to the subject property or nearby properties. For example, any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used at the subject property or adjacent properties. Include information on above-ground and/or underground storage tanks, cess pools, etc.

Do you have any specialized knowledge that might indicate the past or present use of such substances on the subject or nearby properties? Yes No

4. Fair Market Value. A purchase price significantly below fair market value may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below market value, the User should consider whether it might be because contamination may be present at the subject property.

Is the purchase price significantly below fair market value? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a) Describe past uses of the property:

The building on Pier 7 was previously the Hawaii Maritime Center which closed in 2009. The Falls of Clyde is also docked at this pier. The Falls of Clyde was closed to the public in 2007. +

b) Describe any specific chemicals that are present or were once present at the property:

Unknown

c) Describe any other information such as spills, cleanups, or previous environmental investigations that may help us identify possible contamination:

Unknown

6. **Obvious Indicators.** This includes any spills, stains, releases, cleanups, etc. on or near the subject property.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

7. **Purpose of Phase I.** Please indicate your purpose for conducting a Phase I Environmental Site Assessment as the subject property.

Sale/purchase Return of lease Redevelopment Other _____

8. **Plans.** This includes general maps, as-built drawings, etc. Please attach all available plans for the subject property.

Can you supply a floor plan diagram and list of tenants for the structures at the property? Yes No

9. **Attachments.** Please indicate all documentation provided along with this questionnaire.

- a) Ownership records Attached Not Provided Not Applicable
- b) Environmental liens Attached Not Provided Not Applicable
- c) AULs Attached Not Provided Not Applicable
- d) Explanation of specialized knowledge Attached Not Provided Not Applicable
- e) Explanation of reduced fair market value Attached Not Provided Not Applicable
- f) Additional information regarding common knowledge Attached Not Provided Not Applicable
- g) Explanation of obvious indicators of contamination Attached Not Provided Not Applicable
- h) Previous environmental reports Attached Not Provided Not Applicable
- i) Floor plan Attached Not Provided Not Applicable
- j) Site map Attached Not Provided Not Applicable
- k) As-built drawings Attached Not Provided Not Applicable
- l) Other Drawings (Pier 7 Hawaii Maritime Center drawings_Reduced), Topo (21133 and 2133-01 HECO BUILDING and PIER 7)

Respondent Affirmation. Respondent represents that to the best of their knowledge the above statements and facts are true and correct and no material facts have been suppressed or misstated.

Signature [Signature] Date 1-31-24

Answers to this questionnaire have been orally communicated to a representative of ENPRO Environmental, and was completed by:

Name _____ Signature _____ Date _____

NOTICE TO REQUESTER

TO: Alexis Aguilar, ENPRO Environmental / aaguilar@enproenvironmental.com UST Section
(Requester's name)

FROM: DOH - SHWB, 2827 Waimano Home Rd., #100, Pearl City, HI 96782, (808) 586-4226, Amy Liana, amy.liana@doh.hawaii.gov
(Agency, and agency contact person's name, telephone number, mailing, & email address)

DATE THAT THE RECORD REQUEST WAS RECEIVED BY AGENCY: 2/12/2024

DATE OF THIS NOTICE: 2/27/2024

GOVERNMENT RECORDS YOU REQUESTED (attach copy of request or provide brief description below):

1. 9-102893, 9-103664, 9-101930, 9-103797, 9-101803, 9-101521 & 9-101093
- 2.
- 3.
- 4.

THIS NOTICE IS TO INFORM YOU THAT YOUR RECORD REQUEST:

Will be granted in its entirety.

Cannot be granted. Agency is unable to disclose the requested records for the following reason:

- Agency does not maintain the records. (HRS § 92F-3)
Other agency that is believed to maintain records: _____
- Agency needs further clarification or description of the records requested. Please contact the agency and provide the following information: _____
- Request requires agency to create a summary or compilation from records, but requested information is not readily retrievable. (HRS § 92F-11(c))

Will be granted in part and denied in part, **OR** Is denied in its entirety
Although the agency maintains the requested records, it is not disclosing all or part of them based on the exemptions provided in HRS § 92F-13 and/or § 92F-22 or other laws cited below.
(Describe the portions of records that the agency will not disclose.)

RECORDS OR
INFORMATION WITHHELD

APPLICABLE
STATUTES

AGENCY
JUSTIFICATION

REQUESTER'S RESPONSIBILITIES:

You are required to (1) pay any lawful fees and costs assessed; (2) make any necessary arrangements with the agency to inspect, copy or receive copies as instructed below; and (3) provide the agency any additional information requested. **For questions about this notice or the records being sought, please ask the agency's contact person named at the top of this form.** Also, please submit your payment, if any, to the agency at the address listed at the top of this form. **DO NOT SEND YOUR PAYMENT** to the Office of Information Practices (OIP) unless you are requesting records directly from OIP.

If you do not comply with the requirements set forth in this notice within 20 business days after the postmark date of this notice or the date the agency makes the records available, you will be presumed to have abandoned your request and the agency shall have no further duty to process your request. Once the agency begins to process your request, you

may be liable for any fees and costs incurred. If you wish to cancel or modify your request, you must advise the agency upon receipt of this notice.

Please note that the Office of Information Practices (OIP) does not maintain the records of other agencies, and a requester must seek records directly from the agency it believes maintains the records. If the agency denies or fails to respond to your written request for records or if you have other questions regarding compliance with the UIPA, then you may contact OIP at (808) 586-1400, oip@hawaii.gov, or 250 South Hotel Street, Suite 107, Honolulu, Hawaii, 96813.

METHOD & TIMING OF DISCLOSURE:

Records available for public access in their entireties must be disclosed within a reasonable time, not to exceed 10 business days from the date the request was received, or after receipt of any prepayment required. Records not available in their entireties must be disclosed within 5 business days after this notice or after receipt of any prepayment required. HAR § 2-71-13(c). If incremental disclosure is authorized by HAR § 2-71-15, the first increment must be disclosed within 5 business days of this notice or after receipt of any prepayment required.

Method of Disclosure:

- Inspection at the following location: _____
- As requested, a copy of the record(s) will be provided in the following manner:
 - Available for pick-up at the following location: _____
 - Will be mailed to you.
 - Will be transmitted to you by other means requested: _____

Timing of Disclosure: All records, or the first increment if applicable, will be made available or provided to you:

- On _____, 20____.
- After prepayment of 50% of fees and 100% of costs, as estimated below.

For incremental disclosures, each subsequent increment will be disclosed within 20 business days after:

- The prior increment (if one prepayment of fees is required and received), or
- Receipt of each incremental prepayment, if prepayment for each increment is required.

Records will be disclosed in increments because the records are voluminous and the following extenuating circumstances exist:

- Agency must consult with another person to determine whether the record is exempt from disclosure under HRS chapter 92F.
- Request requires extensive agency efforts to search, review, or segregate the records or otherwise prepare the records for inspection or copying.
- Agency requires additional time to respond to the request in order to avoid an unreasonable interference with its other statutory duties and functions.
- A natural disaster or other situation beyond agency's control prevents agency from responding to the request within 10 business days.

ESTIMATED FEES & COSTS AND PAYMENT:

FEES: For personal record requests under Part III of chapter 92F, HRS, the agency may charge you for its costs only, and fee waivers do not apply.

For public record requests under Part II of chapter 92F, HRS, the agency is authorized to charge you fees to search for, review, and segregate your request (even if a record is subsequently found to not exist or will not be disclosed in its entirety). The agency must waive the first \$30 in fees assessed for general requesters, OR in the alternative, the first \$60 in fees when the agency finds that the request is made in the public interest. Only one waiver is provided for each request. See HAR §§ 2-71-19, -31 and -32.

COSTS: For either personal or public record requests, the agency may charge you for the costs of copying and delivering records in response to your request, and other lawful fees and costs.

PREPAYMENT: The agency may require prepayment of 50% of the total estimated fees and 100% of the total estimated costs prior to processing your request. If a prepayment is required, the agency may wait to start any search for or review of the records until the prepayment is received by the agency. Additionally, if you have outstanding fees or costs from previous requests, including abandoned requests, the agency may require prepayment of 100% of the unpaid balance from prior requests before it begins any search or review for the records you are now seeking.

The following is an itemization of what you must pay, based on the estimated fees and costs that the agency will charge you and the applicable waiver amount that will be deducted:

For public record requests only:

Fees: Search	Estimate of time to be spent: <u>15</u> ^{MINS} hours (\$2.50 for each 15-minute period)	\$ 2.50 x 18
Review & segregation	Estimate of time to be spent: <u>15</u> ^{MINS} hours (\$5.00 for each 15-minute period)	\$ 5.00 x 7
Fees waived	<input checked="" type="checkbox"/> general (\$30), <u>OR</u> <input type="checkbox"/> public interest (\$60) (Only one waiver per request)	<\$ <u>30.00 x 18</u> >
Other	_____	\$
	(Pursuant to HAR §§ 2-71-19 & 2-71-31)	
Total Estimated Fees:		\$ 0.00

For public or personal record requests:

Costs: Copying	Estimate of # of pages to be copied: _____ (@ \$ _____ per page, pursuant to HRS § 92-21)	\$
Delivery	Postage	\$
Other	_____	\$
Total Estimated Costs:		\$

TOTAL ESTIMATED FEES AND COSTS from above: **\$ 0.00**

- The estimated fees and costs above are for the first incremental disclosure only. Additional fees and costs, and no further fee waivers, will apply to future incremental disclosures.
- PREPAYMENT IS REQUIRED** (50% of fees + 100% of costs, as estimated above) \$
- UNPAID BALANCE FROM PRIOR REQUESTS** (100% must be paid before work begins) \$

TOTAL AMOUNT DUE AT THIS TIME **\$ 0.00**

Payment may be made by: cash
 personal check payable to _____
 other _____

Submit your payment to the agency at the address listed at the beginning of this form, including the name of the agency's contact person.

FEB 12 2024

18

REQUEST TO ACCESS A GOVERNMENT RECORD

DATE: February 12, 2024

TO: DOH/EMD/Solid & Hazardous Waste Branch (Fax: 808-586-7509)

FROM: Alexis Aguilar ENPRO Environmental aguilar@enproenvironmental.com

Name or Alias	151 Hekili Street, Suite 210	(808) 262-0909 phone
Contact Information	Kailua, Hawaii 96734	(808) 262-4449 fax

USF: 7
 TW: —
 SW: —

Although you are not required to provide any personal information, you should provide enough information to allow the agency to contact you about this request. The processing of this request may be stopped if the agency is unable to contact you. Therefore, please provide any information that will allow the agency to contact you (name or alias, telephone or fax number, mailing address, e-mail address, etc.).

I WOULD LIKE THE FOLLOWING GOVERNMENT RECORD:

Describe the government record as specifically as possible so that it can be located. Try to provide a record name, subject matter, date, location, purpose, or names of persons to whom the record refers, or other information that could help the agency identify the record. A complete and accurate description of the government record you request will prevent delays in locating the record. Attach a second page if needed.

Aloha,

I am currently working on a Phase I Environmental Site Assessment for the following property located on Oahu: 170 Aloha Tower Drive in Honolulu Hawaii. I would like to review regulatory records for the following properties:

- Honolulu Harbors piers 6 & 7 (project site)
- State of Hawaii pier 6 (project site)
- Honolulu Harbor pier 5 (project site)
- Aloha Tower Drive, Nimitz Highway (project site) *9-102893*
- HART HECO Downtown Station 170 Aloha Tower Drive, Honolulu (project site)
- 181 Ala Moana Blvd, Honolulu (project site)
- 79 south Nimitz highway (project site)
- Pearl Harbor Hickam, 648 Bishop Point, Honolulu
- Awa Street Wastewater Pump Station, 190 Nimitz Hwy, **Facility ID 9-103664** ✓
- 300 Ala Moana Blvd, Honolulu, **Facility ID 9-101930** ✓
- Pier 2, Honolulu, **Facility ID 9-103797** ✓
- Pacific Light Net, 737 Bishop Street, Honolulu, **Facility ID 9-101803** ✓
- 733 Bishop St, Mauka Tower, 27th floor, Honolulu **Facility ID 9-101521** ✓
- HECO pipeline South Nimitz Hwy/Fort St Intersection Makai Side
- 1 Aloha Tower Drive, Honolulu
- Aloha Tower Pier 8, Honolulu *9-101093*
- Aloha Tower Pier 9, Honolulu
- HART Boring CC103L Ala Moana Blvd, Honolulu

→
2/12

My report is due Feb 22, 2024. In light of my timeline, I would greatly appreciate any assistance you can provide in expediting access to the files. Mahalo for you time and assistance,

Alexis Aguilar

I WOULD LIKE: (please check one or more of the options below)

- To inspect the government record.**
- A copy of the government record:** (Please check one of the options below.) See the back of this page for information about fees that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.
 - Pick up at agency (**date and time**): _____
 - Mail
 - Fax (toll free and only if available)
 - Other, if available (please specify): _____
- If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.
 - Electronic Audio Other (please specify): _____
- Check this box if you are attaching a request for waiver of fees in the public interest (see waiver information on back).

SEE BACK FOR IMPORTANT INFORMATION

OFFICIAL USE ONLY:

Office Manager: _____

Date: _____

OIP (rev. 07/29/99)

NOTICE TO REQUESTER

TO: Alexis Aguilar, ENPRO Environmental / aaguilar@enproenvironmental.com SW Section
(Requester's name)

FROM: DOH - SHWB, 2827 Waimano Home Rd., #100, Pearl City, HI 96782, (808) 586-4226, Amy Liana, amy.liana@doh.hawaii.gov
(Agency, and agency contact person's name, telephone number, mailing, & email address)

DATE THAT THE RECORD REQUEST WAS RECEIVED BY AGENCY: 2/12/2024

DATE OF THIS NOTICE: 2/27/2024

GOVERNMENT RECORDS YOU REQUESTED (attach copy of request or provide brief description below):

1. No SW records
- 2.
- 3.
- 4.

THIS NOTICE IS TO INFORM YOU THAT YOUR RECORD REQUEST:

Will be granted in its entirety.

Cannot be granted. Agency is unable to disclose the requested records for the following reason:

- Agency does not maintain the records. (HRS § 92F-3)
Other agency that is believed to maintain records: _____
- Agency needs further clarification or description of the records requested. Please contact the agency and provide the following information: _____
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(Describe the portions of records that the agency will not disclose.)

RECORDS OR
INFORMATION WITHHELD

APPLICABLE
STATUTES

AGENCY
JUSTIFICATION

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 - Available for pick-up at the following location: _____
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- On _____, 20____.
- After **prepayment** of 50% of fees and 100% of costs, as estimated below.

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Review & segregation	Estimate of time to be spent: _____ hours (\$5.00 for each 15-minute period)	\$
Fees waived	<input checked="" type="checkbox"/> general (\$30), <u>OR</u> <input type="checkbox"/> public interest (\$60) (Only one waiver per request)	< \$ <u>30.00 x 18</u> >
Other	_____ (Pursuant to HAR §§ 2-71-19 & 2-71-31)	\$
Total Estimated Fees:		\$ 0.00

For public or personal record requests:

Costs: Copying	Estimate of # of pages to be copied: _____ (@ \$ _____ per page, pursuant to HRS § 92-21)	\$
Delivery	Postage	\$
Other	_____	\$
Total Estimated Costs:		\$

TOTAL ESTIMATED FEES AND COSTS from above: **\$ 0.00**

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UNPAID BALANCE FROM PRIOR REQUESTS (100% must be paid before work begins) \$

TOTAL AMOUNT DUE AT THIS TIME **\$ 0.00**

Payment may be made by: cash
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 other _____

Submit your payment to the agency at the address listed at the beginning of this form, including the name of the agency's contact person.

FEB 12 2024

18

REQUEST TO ACCESS A GOVERNMENT RECORD

DATE: February 12, 2024
 TO: DOH/EMD/Solid & Hazardous Waste Branch (Fax: 808-586-7509)
 FROM: Alexis Aguilar ENPRO Environmental aaquilar@enproenvironmental.com
Name or Alias 151 Hekili Street, Suite 210 (808) 262-0909 phone
Contact Information Kailua, Hawaii 96734 (808) 262-4449 fax

USF: _____
 HW: _____
 SW: _____

Although you are not required to provide any personal information, you should provide enough information to allow the agency to contact you about this request. The processing of this request may be stopped if the agency is unable to contact you. Therefore, please provide any information that will allow the agency to contact you (name or alias, telephone or fax number, mailing address, e-mail address, etc.).

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- Honolulu Harbor pier 5 (project site)
- Aloha Tower Drive, Nimitz Highway (project site)
- HART HECO Downtown Station 170 Aloha Tower Drive, Honolulu (project site)
- 181 Ala Moana Blvd, Honolulu (project site)
- 79 south Nimitz highway (project site)
- Pearl Harbor Hickam, 648 Bishop Point, Honolulu
- Awa Street Wastewater Pump Station, 190 Nimitz Hwy, Facility ID 9-103664 ✓
- 300 Ala Moana Blvd, Honolulu, Facility ID 9-101930 ✓
- Pier 2, Honolulu, Facility ID 9-103797 ✓
- Pacific Light Net, 737 Bishop Street, Honolulu, Facility ID 9-101803 ✓
- 733 Bishop St, Mauka Tower, 27th floor, Honolulu Facility ID 9-101521 ✓
- HECO pipeline South Nimitz Hwy/Fort St Intersection Makai Side
- 1 Aloha Tower Drive, Honolulu
- Aloha Tower Pier 8, Honolulu 9-101093
- Aloha Tower Pier 9, Honolulu
- HART Boring CC103L Ala Moana Blvd, Honolulu

→
2/12

My report is due Feb 22, 2024. In light of my timeline, I would greatly appreciate any assistance you can provide in expediting access to the files. Mahalo for you time and assistance,

Alexis Aguilar

I WOULD LIKE: (please check one or more of the options below)

- To inspect the government record.
- A copy of the government record: (Please check one of the options below.) See the back of this page for information about fees that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.
 - Pick up at agency (date and time): _____
 - Mail
 - Fax (toll free and only if available)
 - Other, if available (please specify): _____
- If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.
 - Electronic Audio Other (please specify): _____
- Check this box if you are attaching a request for waiver of fees in the public interest (see waiver information on back).

SEE BACK FOR IMPORTANT INFORMATION

OFFICIAL USE ONLY:

Office Manager: _____

Date: _____

OIP (rev. 07/29/99)

Historical Information



FIRE
INSURANCE
MAPS

Project Property: Wilson Okamoto_Tradewinds Garden & Glass
170 Aloha Tower Drive
Honolulu HI

Project No: 2312-00396-PH1

Requested By: ENPRO Environmental

Order No: 23122200507

Date Completed: December 23, 2023

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1956	Honolulu	Hawaii	2	209, 225, 226, 231, 233, 234, 243, 244, 245, 246
1951	Honolulu	Hawaii	2	231, 233, 234, 243, 244, 245, 246
1950	Honolulu	Hawaii	2	231, 233, 234, 243, 244, 245, 246
1927	Honolulu	Hawaii	2	231, 233, 234, 243, 244, 245, 246
1914	Honolulu	Hawaii		40, 56, 57, 58, 59, 60, 73, 75, 76

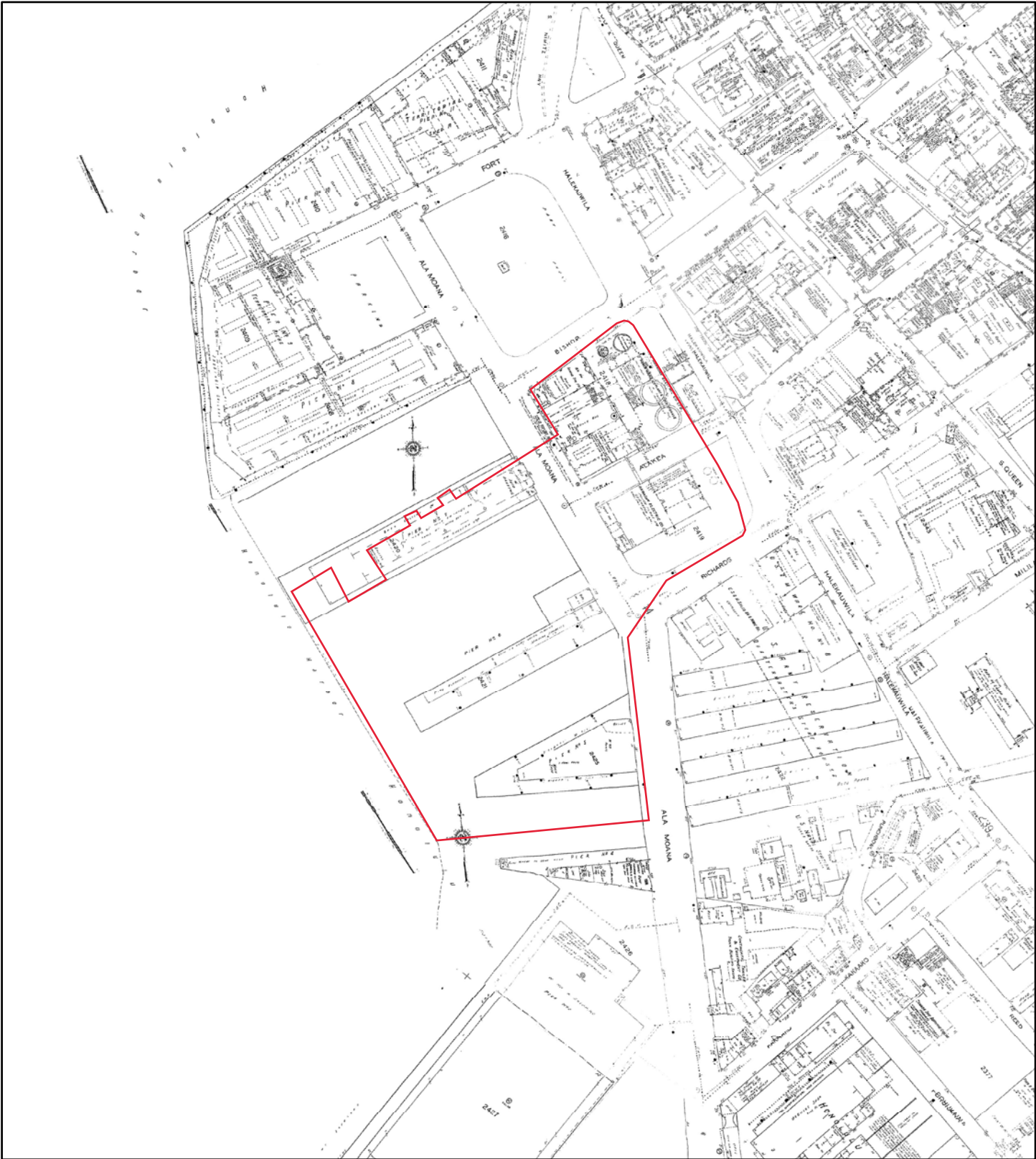
Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services

A division of Glacier Media Inc.

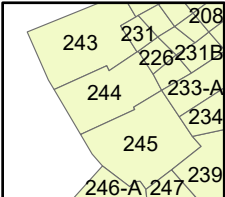
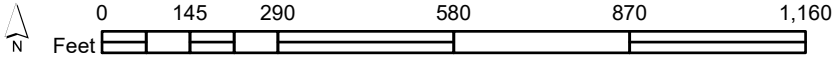
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map



1956

Address: 170 Aloha Tower Drive Honolulu HI

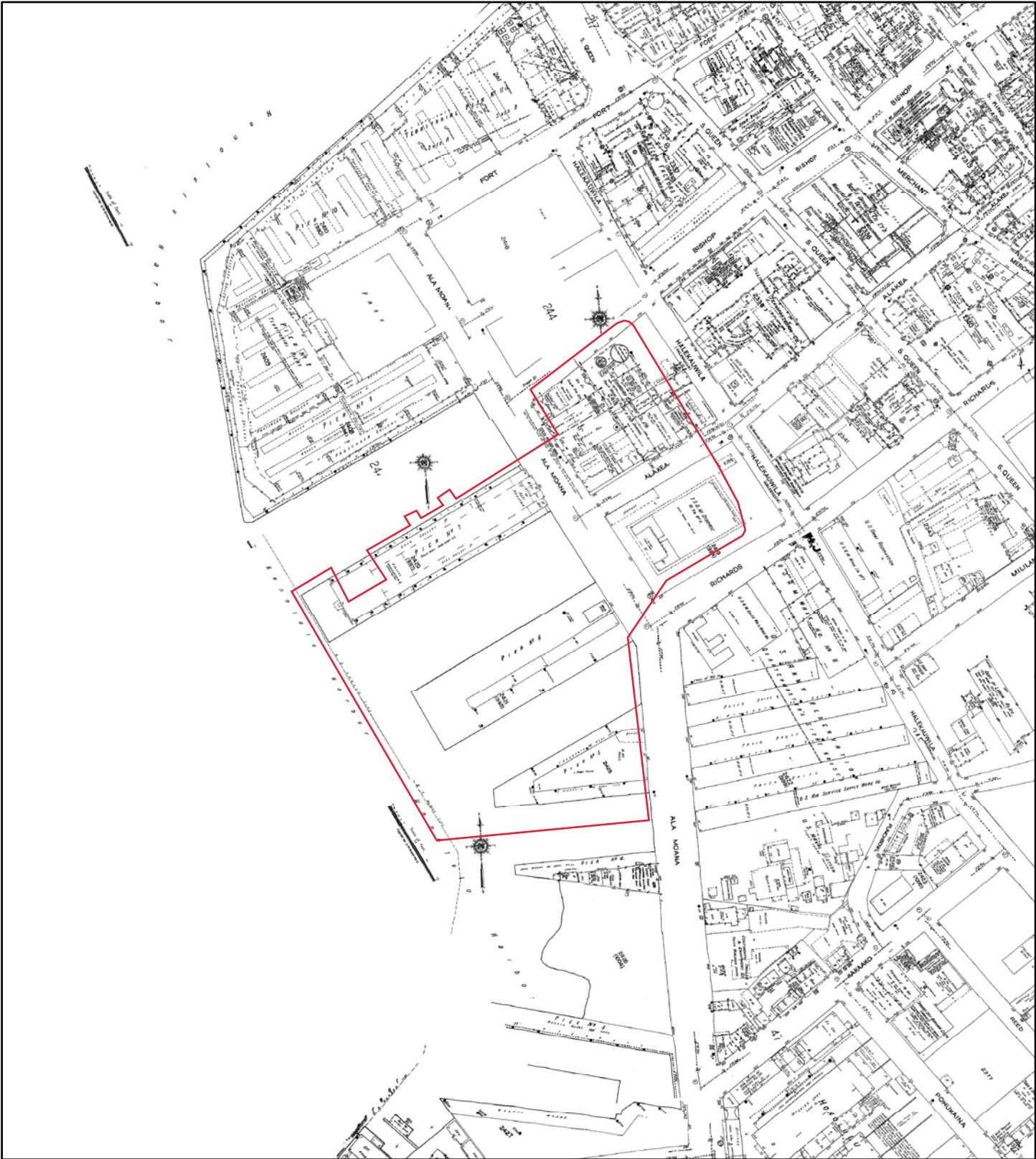


Map sheet(s):
Volume 2: 209,225,226,231,233,234,243,244,245,246;

Order Number 23122200507

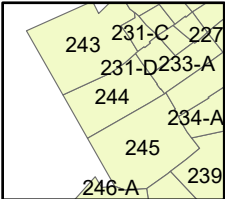
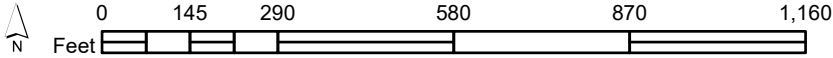


Fire Insurance Map



1951

Address: 170 Aloha Tower Drive Honolulu HI

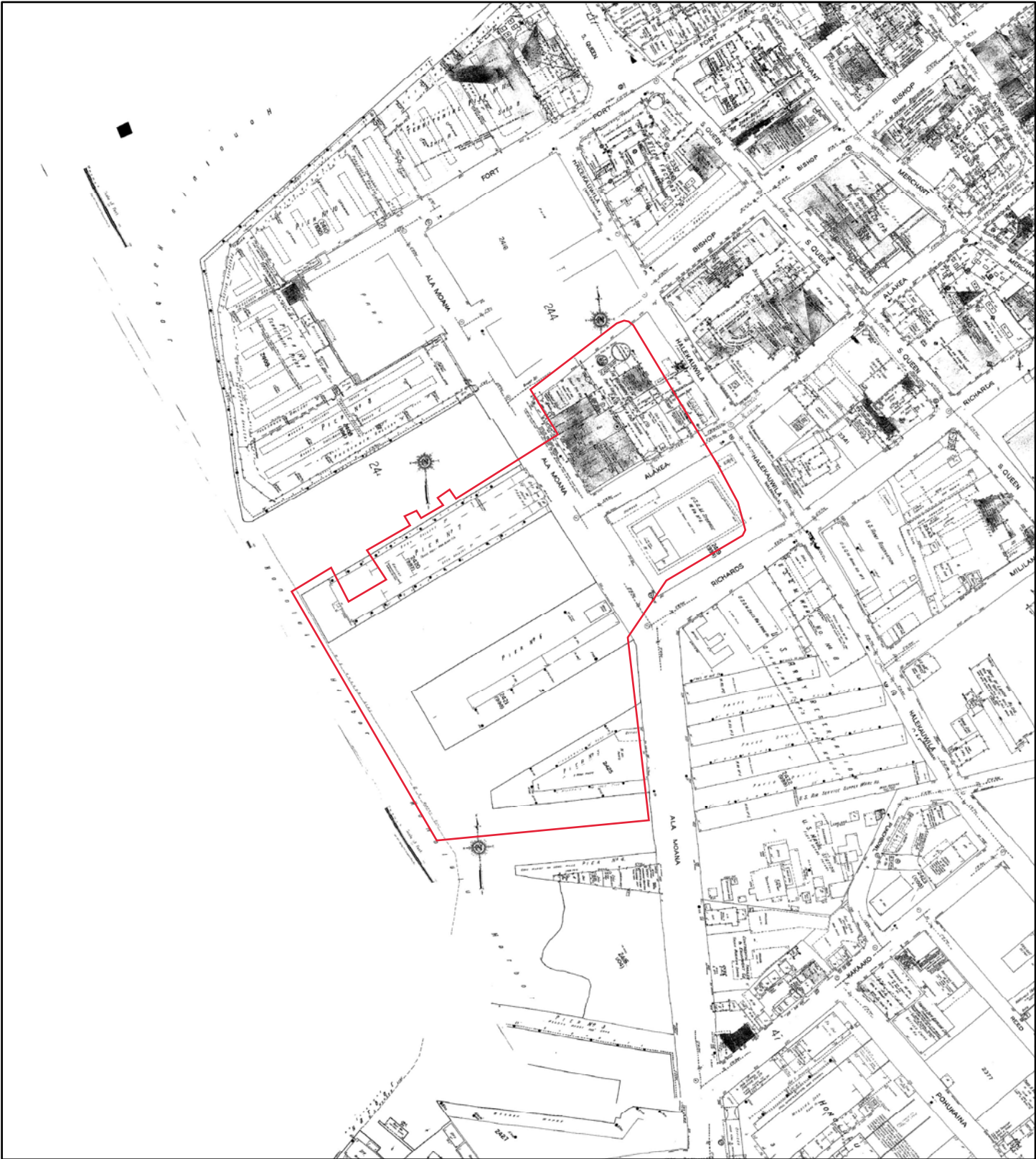


Map sheet(s):
Volume 2: 231,233,234,243,244,245,246;

Order Number 23122200507

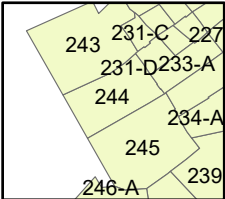
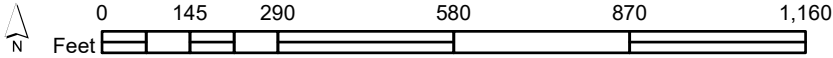


Fire Insurance Map



1950

Address: 170 Aloha Tower Drive Honolulu HI



Map sheet(s):
Volume 2: 231,233,234,243,244,245,246;

Order Number 23122200507

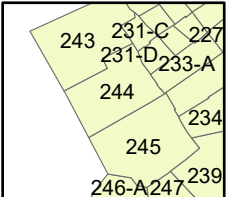
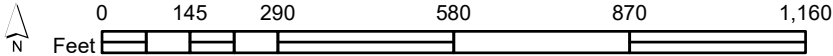


Fire Insurance Map



1927

Address: 170 Aloha Tower Drive Honolulu HI



Map sheet(s):
Volume 2: 231,233,234,243,244,245,246;

Order Number 23122200507





HISTORICAL AERIALS

Project Property: Wilson Okamoto_Tradewinds

Garden & Glass

170 Aloha Tower Drive

Honolulu HI

Project No: 2312-00396-PH1

Requested By: ENPRO Environmental

Order No: 23122200507

Date Completed: December 27, 2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2022	Maxar Technologies	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2008	Urban Area Photography	1" = 500'	
2004	Urban Area Photography	1" = 500'	
2000	United States Geological Survey	1" = 500'	
1993	National Oceanic And Atmospheric Admin	1" = 500'	
1985	National Aeronautics And Space Admin	1" = 500'	Best Copy Available
1982	United States Geological Survey	1" = 500'	
1978	United States Geological Survey	1" = 500'	
1968	United States Geological Survey	1" = 500'	
1963	Agricultural Stabilization & Conserv. Service	1" = 500'	
1959	United States Geological Survey	1" = 500'	
1952	United States Geological Survey	1" = 500'	

Environmental Risk Information Services

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500
Feet

Year: 2022
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





500
Feet

Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





500
Feet

Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





Year: 2008
Source: UAP
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





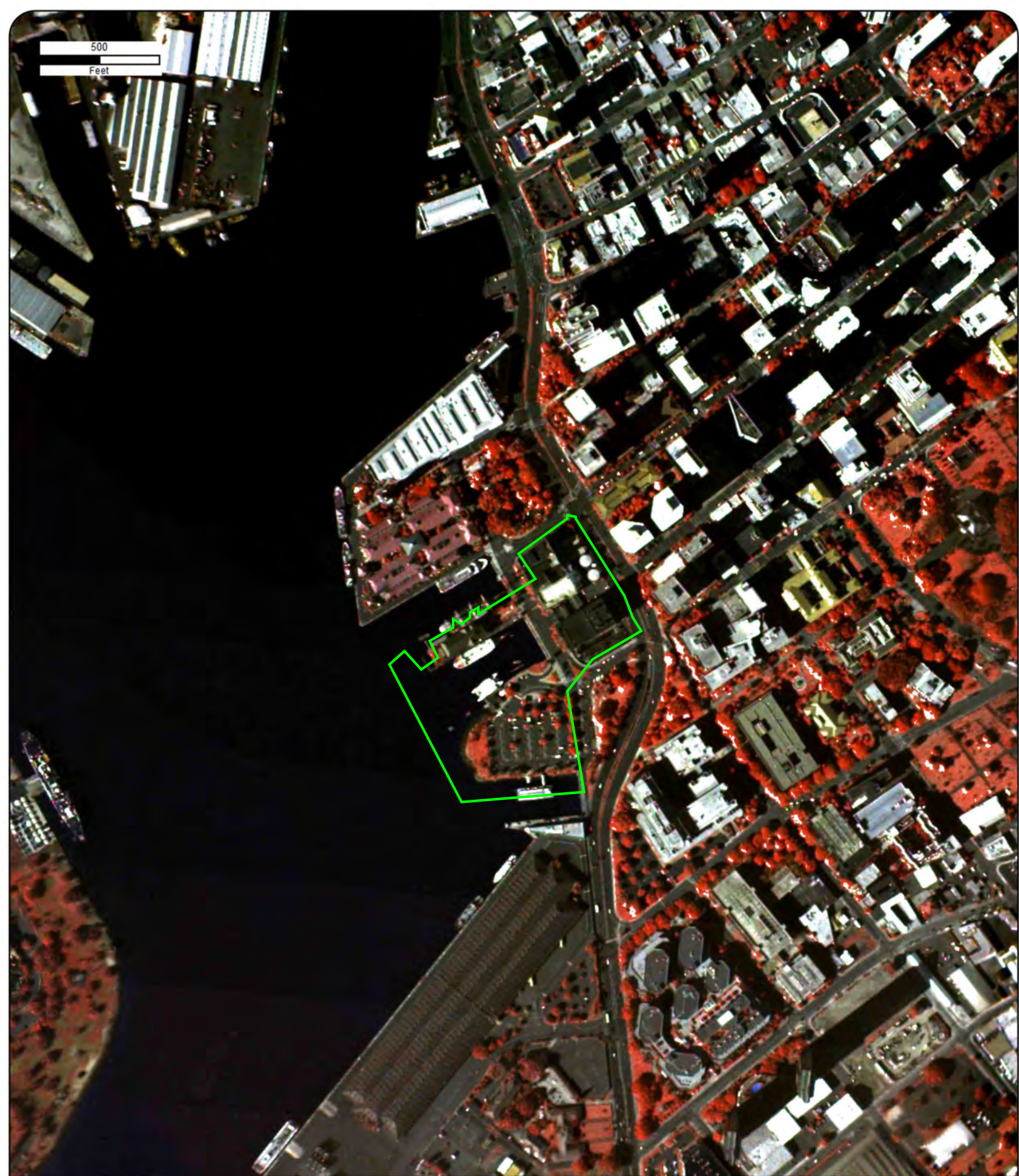
Year: 2004
Source: UAP
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 2000
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



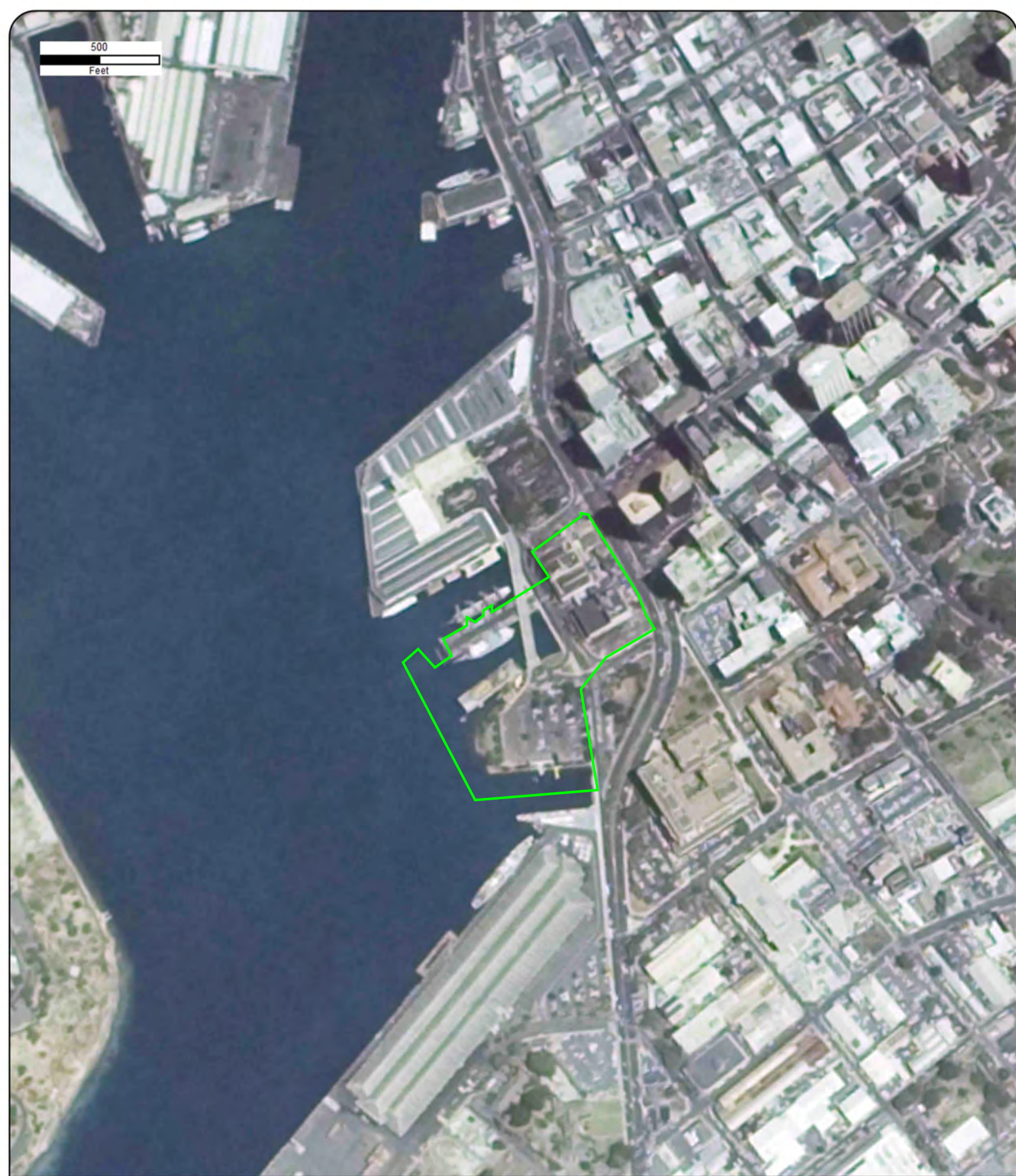
Year: 1993
Source: NOAA
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 1985
Source: NASA
Scale: 1" = 500'
Comment: Best Copy Available

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 1982
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 1978
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





500
Feet

Year: 1968
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 1963
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507



500
Feet



Year: 1959
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





500
Feet

Year: 1952
Source: USGS
Scale: 1" = 500'
Comment:

Address: 170 Aloha Tower Drive, Honolulu, HI
Approx Center: -157.86438018,21.30497834

Order No: 23122200507





TOPOGRAPHIC MAPS

Project Property: Wilson Okamoto_Tradewinds Garden & Glass
170 Aloha Tower Drive
Honolulu HI None

Project No: 2312-00396-PH1

Requested By: ENPRO Environmental

Order No: 23122200507

Date Completed: December 23, 2023

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2017	7.5
2013	7.5
1998	7.5
1983	7.5
1978	7.5
1969	7.5
1959	7.5
1953	7.5

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

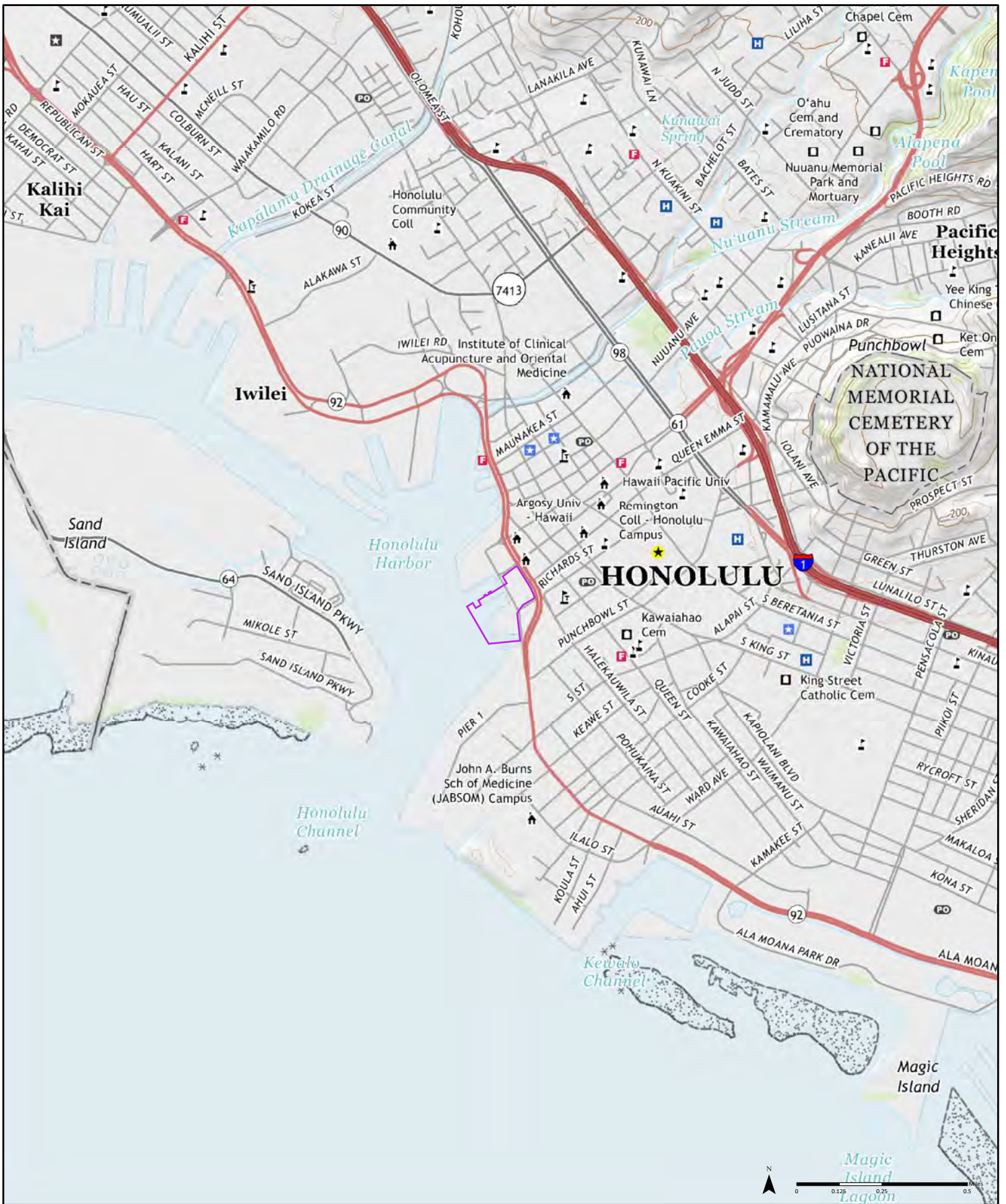
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

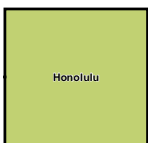
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2017

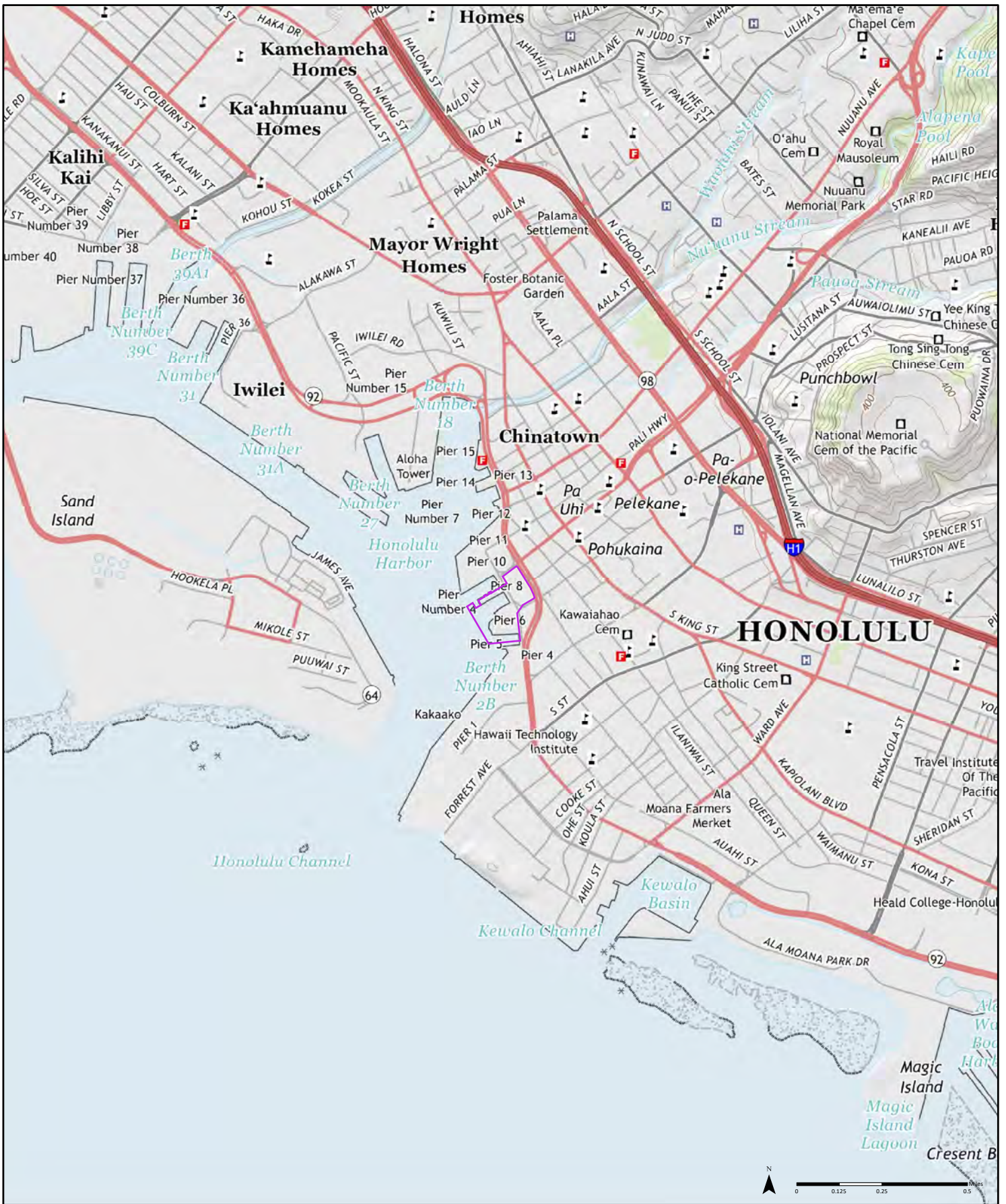
Order No. 23122200507



Available Quadrangle(s): Honolulu, HI

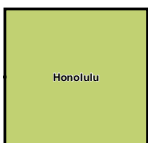
Source: USGS 7.5 Minute Topographic Map





2013

Order No. 23122200507



Available Quadrangle(s): Honolulu, HI

Source: USGS 7.5 Minute Topographic Map

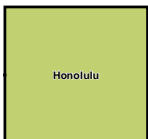




1998

(1-1998)
Aerial Photo Year: 1998

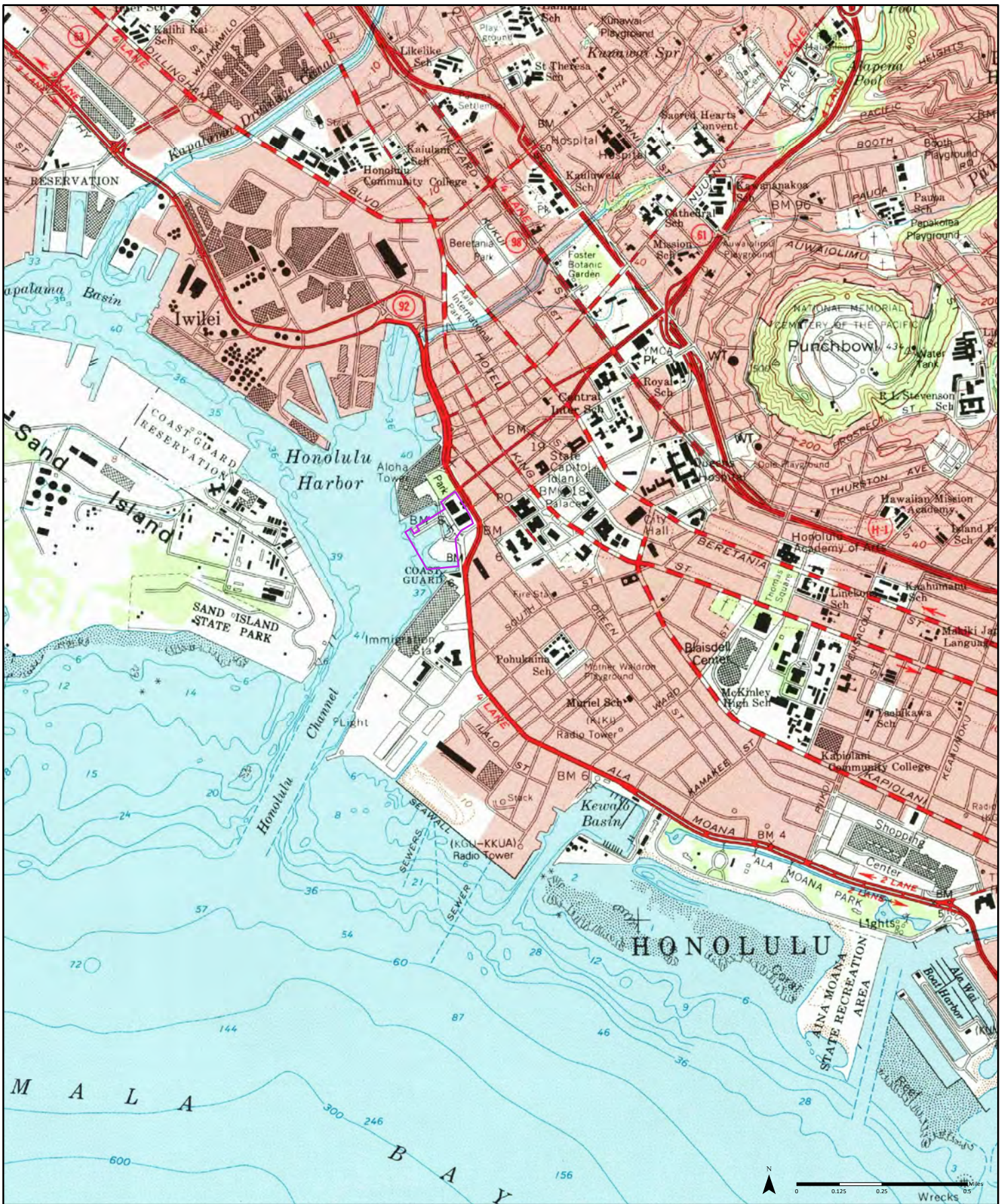
Order No. 23122200507



Available Quadrangle(s): Honolulu, HI (1-1998)

Source: USGS 7.5 Minute Topographic Map

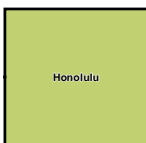




1983

(1-1983)
Aerial Photo Year: 1978

Order No. 2312220057



Available Quadrangle(s): Honolulu, HI (1-1983)

Source: USGS 7.5 Minute Topographic Map





1978

(1-1978)
Aerial Photo Year: 1976

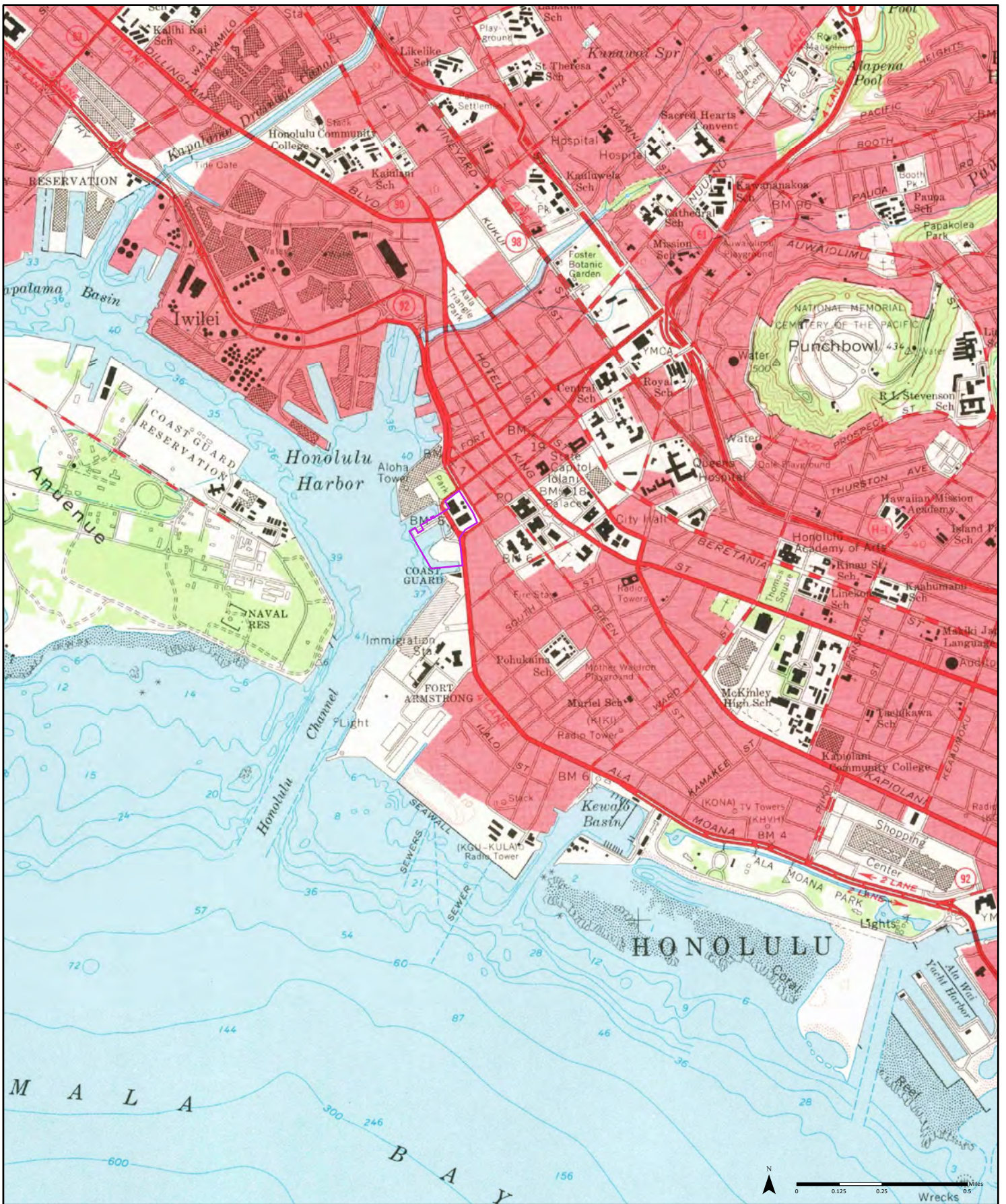
Order No. 23122200507



Available Quadrangle(s): Honolulu, HI (1-1978)

Source: USGS 7.5 Minute Topographic Map

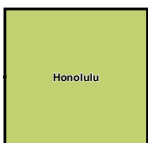




1969

(1-1969) Aerial Photo Year: 1968

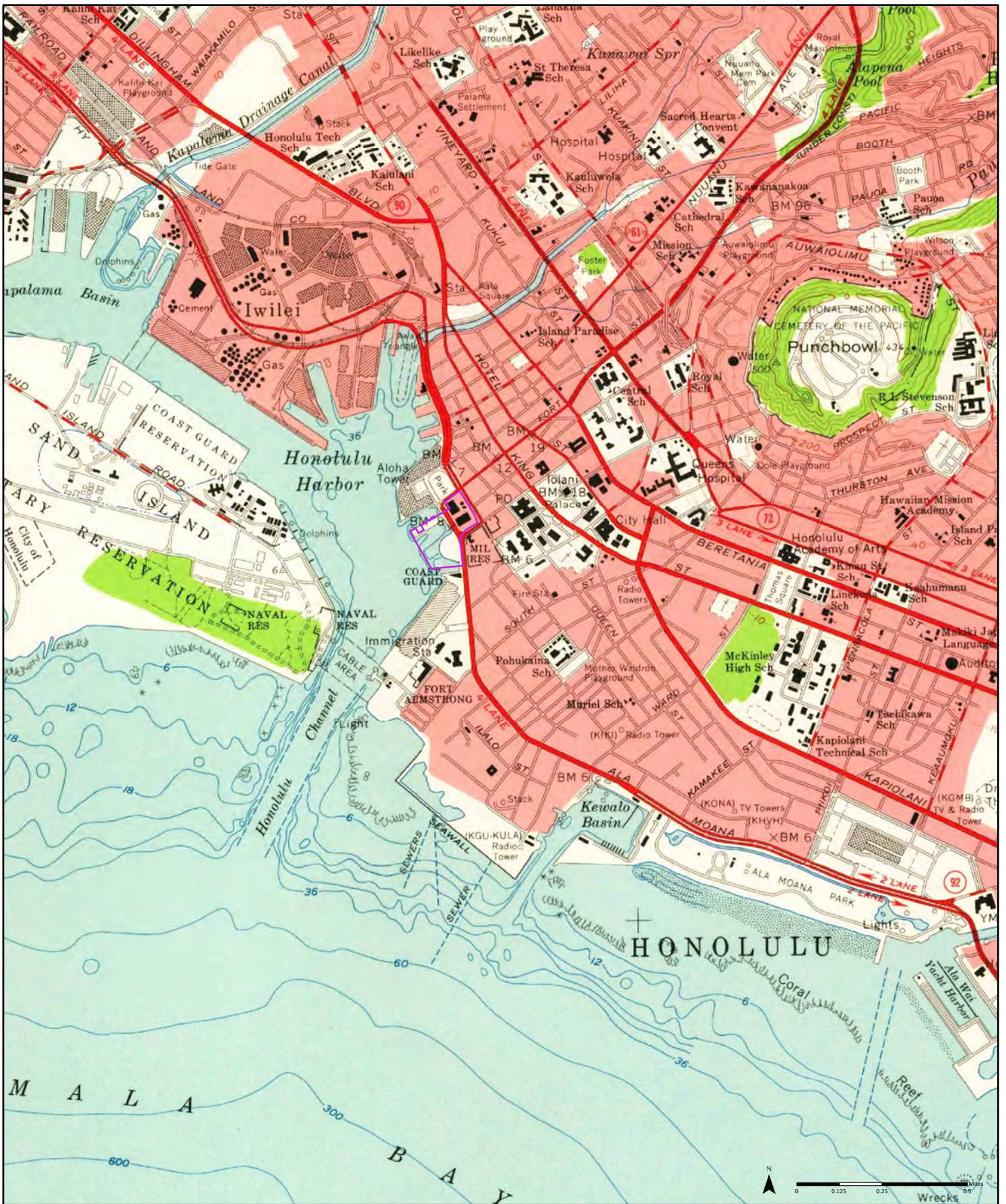
Order No. 23122200507



Available Quadrangle(s): Honolulu, HI (1-1969)

Source: USGS 7.5 Minute Topographic Map

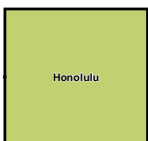




1959

(1-1959)
Aerial Photo Year: 1959

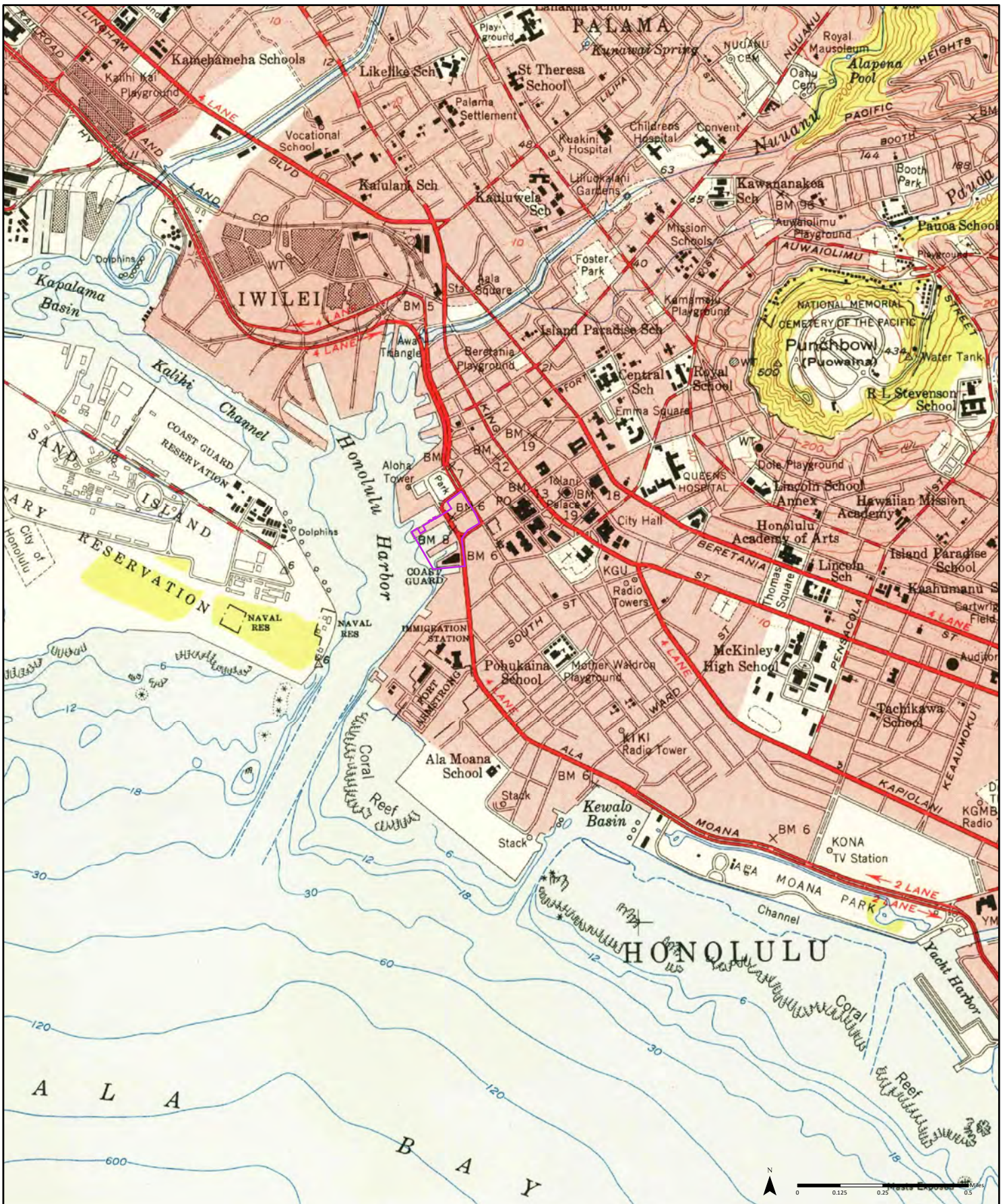
Order No. 2312220057



Available Quadrangle(s): Honolulu, HI (1-1959)

Source: USGS 7.5 Minute Topographic Map

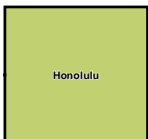




1953

(1-1953)
Aerial Photo Year: 1952

Order No. 23122200507



Available Quadrangle(s): Honolulu, HI (1-1953)

Source: USGS 7.5 Minute Topographic Map





Property Information

Order Number:	23122200507p
Date Completed:	December 23, 2023
Project Number:	2312-00396-PH1
Project Property:	Wilson Okamoto_Tradewinds Garden & Glass 170 Aloha Tower Drive Honolulu HI
Coordinates:	
Latitude:	21.30497834
Longitude:	-157.86438018
UTM Northing:	2356325.18825 Meters
UTM Easting:	617787.925125 Meters
UTM Zone:	UTM Zone 04Q
Elevation:	3.28 ft
Slope Direction:	NW

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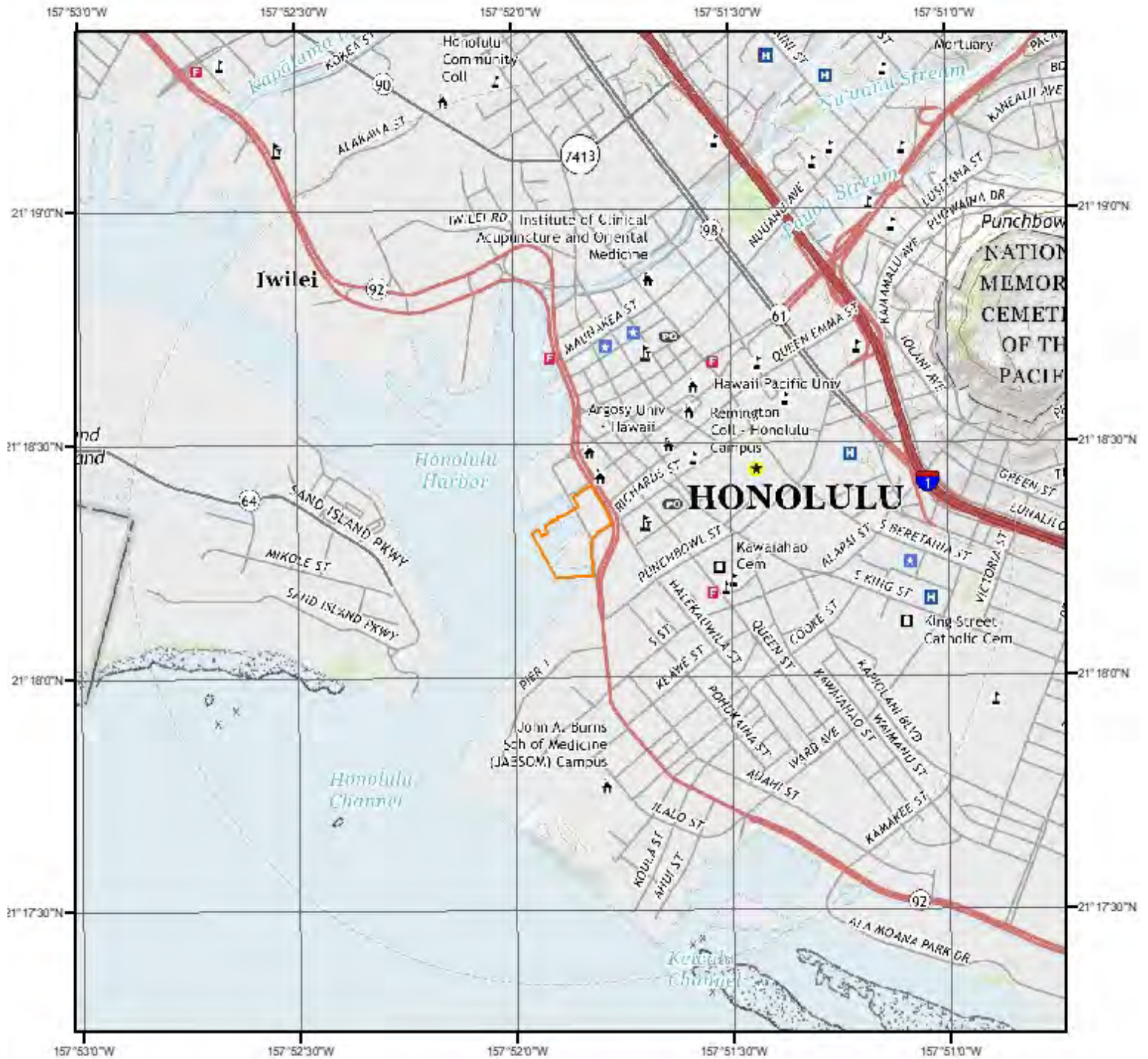
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2017)

Quadrangle(s): Honolulu, HI

Source: USGS 75 Minute Topographic Map

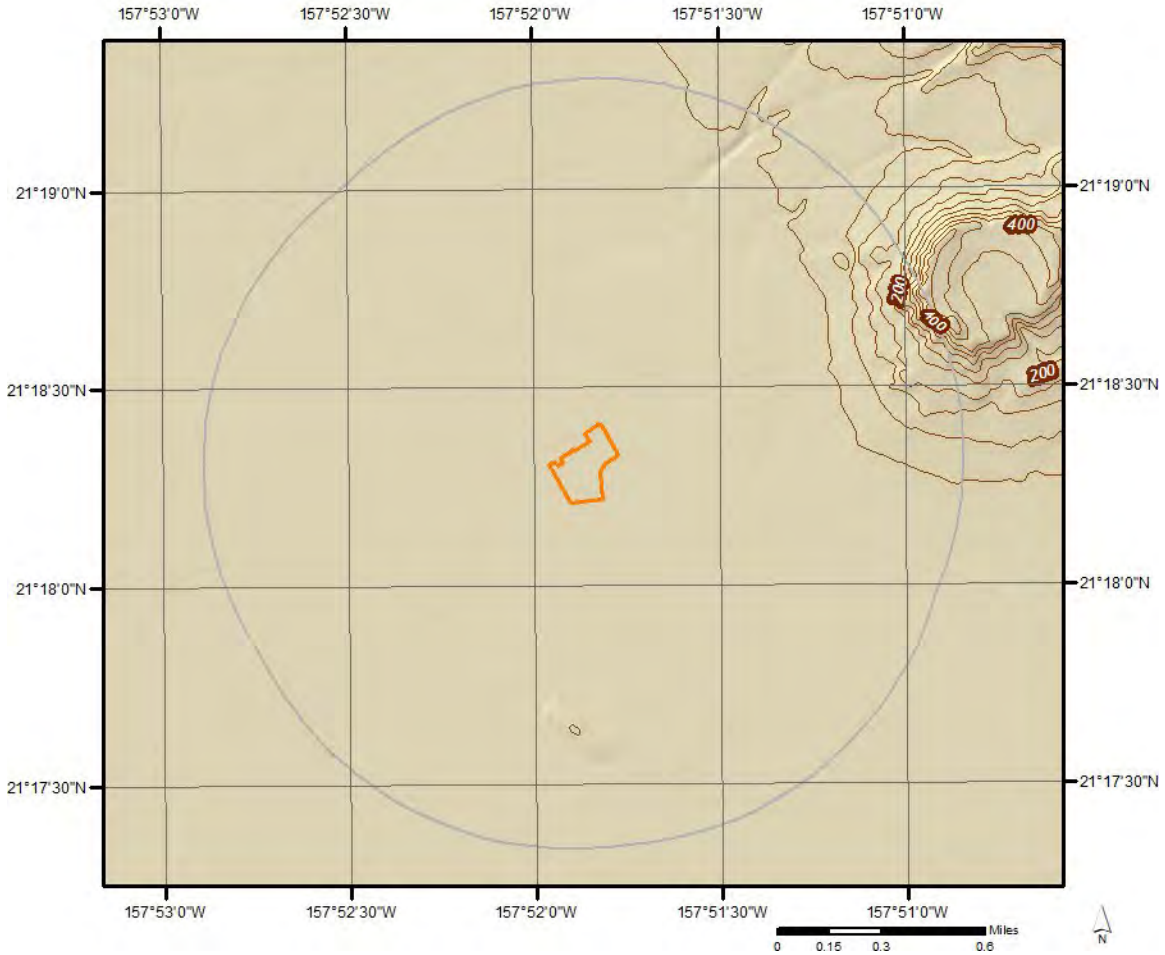


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 3.28 ft
Slope Direction: NW











Hydrologic Information



Wetland



This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |












Hydrologic Information

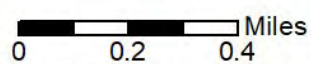


Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlaid. An absent FIRM panel represents no data available.

-  1% Annual Chance Flood Hazard
-  Regulatory Floodway
-  Special Floodway
-  Area of Undetermined Flood Hazard

-  0.2% Annual Chance Flood Hazard
-  Future Conditions 1% Annual Chance Flood Hazard
-  Area with Reduced Risk Due to Levee
-  Area with Risk Due to Levee
-  Open Water



Quadrangle(s): Honolulu, HI



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area: 15003C0353G(effective:2011-01-19) 15003C0361G(effective:2011-01-19)
15003C0362G(effective:2011-01-19) 15003C0354G(effective:2011-01-19)

Flood Zone AE-01

Zone: AE
Zone subtype:

Flood Zone AE-11

Zone: AE
Zone subtype: FLOODWAY

Flood Zone VE-01

Zone: VE
Zone subtype:

Flood Zone X-01

Zone: X
Zone subtype: 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone: X
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

No records found for the project property or surrounding properties.

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit EmA (10.11%)

Map Unit Name:	Ewa silty clay loam, moderately shallow, 0 to 2 percent slopes
Bedrock Depth - Min:	74cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Ewa(100%)	
horizon H1(0cm to 20cm)	Silty clay loam
horizon H2(20cm to 74cm)	Silty clay loam
horizon H3(74cm to 99cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: EmA - Ewa silty clay loam, moderately shallow, 0 to 2 percent slopes

Component: Ewa (100%)

The Ewa component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial plains. The parent material consists of basic igneous rocks. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 2s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 97 percent. The soil has a maximum sodium adsorption ratio of 3 within 30 inches of the soil surface.

Map Unit FL (57.95%)

Map Unit Name:	Fill land, mixed
Bedrock Depth - Min:	152cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Fill land, mixed(100%)	
horizon H1(0cm to 15cm)	Gravelly sandy loam
horizon H2(15cm to 152cm)	Fine sandy loam
horizon H3(152cm to 178cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FL - Fill land, mixed

Component: Fill land, mixed (100%)

The Fill land, mixed, mixed component makes up 100 percent of the map unit. Slopes are 0 to 3 percent. This component is on fill flats. The parent material consists of Fill land. Depth to a root restrictive layer, bedrock, lithic, is 40 to 60 inches. The natural drainage

Soil Information

class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 45 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 10 within 30 inches of the soil surface.

Map Unit Mka (31.62%)

Map Unit Name: Makiki clay loam, 0 to 2 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min:
Drainage Class - Dominant: Well drained
Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Makiki(100%)	
horizon H1(0cm to 51cm)	Clay loam
horizon H2(51cm to 76cm)	Clay loam
horizon H3(76cm to 152cm)	Paragravelly clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Mka - Makiki clay loam, 0 to 2 percent slopes

Component: Makiki (100%)

The Makiki component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces alluvial fans. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 9 percent. Nonirrigated land capability classification is 3c. This soil does not meet hydric criteria.

Map Unit W (0.32%)

Map Unit Name: Water > 40 acres
No more attributes available for this map unit

Component Description:

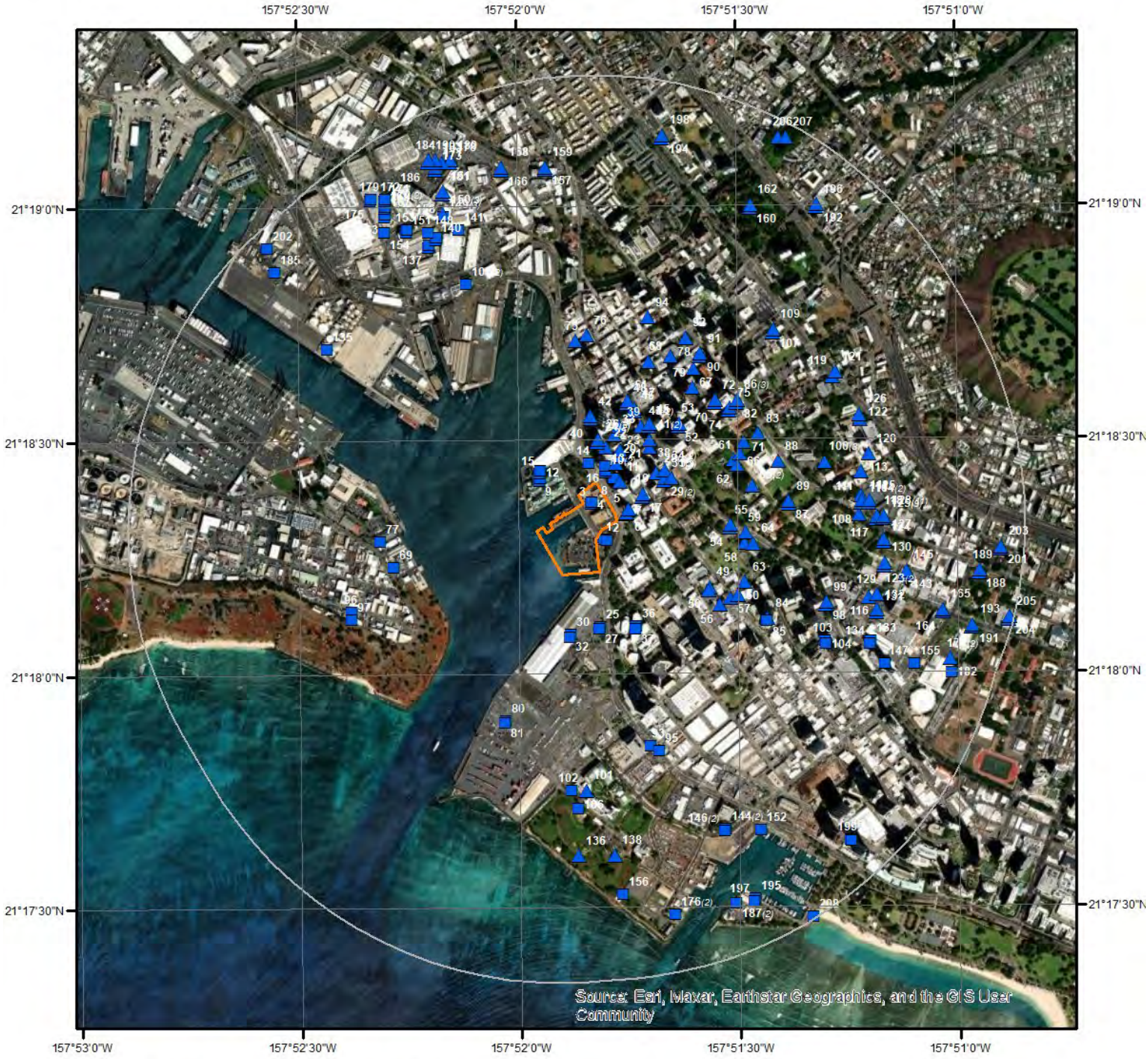
Minor map unit components are excluded from this report.

Map Unit: W - Water > 40 acres

Component: Water > 40 acres (100%)

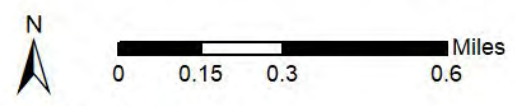
Generated brief soil descriptions are created for major soil components. The Water > 40 acres is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources

- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
100	HI0000312	2800.37	ENE
100	HI0000373	2800.37	ENE
108	HI0000333	3133.49	E

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
20	HI0000372	361.29	NNE
100	HI0000312	2800.37	ENE

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
1	USGS-211828157515801	94.11	ESE
3	USGS-211833157520001	0.00	-
5	USGS-211832157515502	141.73	ENE
6	USGS-211832157515501	153.52	ENE
8	USGS-211825157514701	220.41	NNE
9	USGS-211836157520701	513.97	NW
10	USGS-211837157515802	173.99	NNE
10	USGS-211837157515801	173.99	NNE
15	USGS-211837157520701	573.74	NNW
16	USGS-211837157515803	252.44	NNE
17	USGS-211834157515301	419.88	ENE
23	USGS-211840157515601	529.34	NNE
24	USGS-211841157515901	528.34	NNE
24	USGS-211841157515902	528.34	NNE
27	USGS-211817157515901	741.51	SSE
28	USGS-211837157515101	733.77	NE
28	USGS-211837157515102	733.77	NE
29	USGS-211836157515002	764.81	ENE
29	USGS-211836157515001	764.81	ENE
32	USGS-211816157520301	809.77	S
35	USGS-211825157513901	873.66	ENE
37	USGS-211817157515401	876.82	SSE
38	USGS-211829157514201	834.41	NE
39	USGS-211843157515601	794.45	NNE
40	USGS-211844157520001	831.39	N
43	USGS-211843157515302	941.90	NNE
43	USGS-211843157515301	941.90	NNE
44	USGS-211843157515201	1003.28	NNE
46	USGS-211845157515401	1058.37	NNE
48	USGS-211846157515501	1110.39	NNE
50	USGS-211822157514401	1428.01	ESE
52	USGS-211843157514801	1289.55	NE
54	USGS-211830157514101	1467.84	E
57	USGS-211821157514101	1725.37	ESE
58	USGS-211828157513901	1679.80	E
60	USGS-211810157513001	1823.18	ESE
62	USGS-211838157514001	1703.30	ENE
63	USGS-211823157513901	1838.41	ESE

Wells and Additional Sources Summary

65	USGS-211835157513801	1812.59	ENE
67	USGS-211848157514601	1760.11	NE
69	USGS-211825157522701	1900.46	W
70	USGS-211846157514301	1850.46	NE
71	USGS-211841157513901	1920.00	ENE
73	USGS-211854157520201	1854.55	N
74	USGS-211845157514101	1958.12	NE
78	USGS-211852157514901	1905.88	NNE
81	USGS-211805157521201	2056.42	SSW
82	USGS-211846157514002	2090.83	NE
83	USGS-211842157513701	2134.25	ENE
85	USGS-211818157513601	2257.75	ESE
86	USGS-211846157514001	2117.26	NE
87	USGS-211833157513301	2230.12	E
90	USGS-211852157514501	2123.37	NE
93	USGS-211802157515201	2350.38	SSE
94	USGS-211857157515201	2251.47	NNE
95	USGS-211750157514101	2445.12	SSE
97	USGS-211807157522301	2655.38	WSW
98	USGS-211820157512801	2911.62	ESE
104	USGS-211815157512801	3069.91	ESE
105	USGS-211901157521701	3057.51	NNW
106	USGS-211754157520201	3029.85	S
107	USGS-211855157513501	3004.19	NE
110	USGS-211833157512301	3171.77	E
111	USGS-211834157512301	3179.84	E
113	USGS-211837157512301	3222.91	ENE
114	USGS-211833157512201	3266.10	E
114	USGS-211833157512202	3266.10	E
116	USGS-211821157512201	3406.41	ESE
117	USGS-211831157512101	3354.30	E
119	USGS-211849157512701	3329.36	ENE
123	USGS-211810157511101	3503.35	ESE
124	USGS-211828157512001	3461.99	E
125	USGS-211831157512003	3448.88	E
125	USGS-211831157512002	3448.88	E
125	USGS-211831157512004	3448.88	E
125	USGS-211831157512005	3448.88	E
125	USGS-211831157512006	3448.88	E
125	USGS-211831157512007	3448.88	E
125	USGS-211831157512008	3448.88	E
125	USGS-211831157512000	3448.88	E
125	USGS-211831157512009	3448.88	E
126	USGS-211844157512201	3420.14	ENE
128	USGS-211831157512001	3460.30	E
129	USGS-211825157512001	3501.31	E
131	USGS-211819157512101	3565.51	ESE
134	USGS-211815157512202	3613.70	ESE
135	USGS-211853157523601	3577.41	NW
136	USGS-211748157520201	3634.11	S
137	USGS-211906157522201	3717.20	NNW
138	USGS-211748157515701	3672.55	S
140	USGS-211907157522101	3748.69	NNW
143	USGS-211824157511701	3798.36	E
146	USGS-211751157514201	3727.36	SSE
146	USGS-211751157514202	3727.36	SSE
148	USGS-211908157522201	3884.72	NNW
149	USGS-211910157522001	3959.02	NNW
149	USGS-211910157522002	3959.02	NNW
149	USGS-211910157522003	3959.02	NNW
151	USGS-211908157522501	4046.31	NNW
152	USGS-211740157512701	3941.96	SSE
154	USGS-211908157522801	4217.16	NNW
156	USGS-211743157515601	4183.19	S
157	USGS-211916157520601	4105.24	N
158	USGS-211913157522001	4225.90	NNW

Wells and Additional Sources Summary

160	USGS-211911157513801	4085.79	NNE
163	USGS-211910157522801	4378.02	NNW
164	USGS-211819157511201	4375.49	ESE
166	USGS-211916157521201	4228.54	NNW
169	USGS-211911157522801	4458.46	NNW
170	USGS-211900157521801	4478.95	NNW
171	USGS-211912157522801	4539.40	NNW
173	USGS-211916157522101	4538.65	NNW
174	USGS-211813157511102	4666.83	ESE
174	USGS-211813157511101	4666.83	ESE
175	USGS-211912157523001	4653.01	NNW
176	USGS-211740157514901	4543.08	SSE
178	USGS-211917157521901	4549.72	NNW
181	USGS-211917157522000	4588.65	NNW
183	USGS-211917157522101	4629.18	NNW
185	USGS-211903157524301	4750.76	NW
186	USGS-211917157522201	4671.27	NNW
188	USGS-211824157510701	4730.60	E
191	USGS-211817157510801	4795.50	ESE
192	USGS-211911157512901	4564.91	NE
194	USGS-211920157515001	4549.17	NNE
197	USGS-211742157513801	4710.03	SSE
201	USGS-211827157510401	4977.69	E
202	USGS-211906157524402	5033.95	NW
204	USGS-211818157510301	5222.92	E
206	USGS-16235600	5063.57	NNE
207	USGS-16235100	5108.89	NNE
208	USGS-211740157513001	5244.99	SSE

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Well Index Database

Map Key	WID	Distance (ft)	Direction
2	3-1851-022	129.06	ESE
4	3-1852-006	0.00	-
7	3-1851-019	184.25	ENE
11	3-1851-069	272.98	NE
12	3-1852-005	534.23	NW
13	3-1851-070	207.42	NNE
14	3-1851-068	261.60	N
18	3-1852-004	581.77	NNW
19	3-1851-027	445.21	ENE
21	3-1851-053	479.16	NNE
22	3-1851-076	481.46	NNE
25	3-1851-029	708.18	SSE
26	3-1851-071	563.25	NNE
26	3-1851-072	563.25	NNE
30	3-1852-007	776.53	S
31	3-1851-045	790.34	ENE
31	3-1851-046	790.34	ENE
33	3-1851-038	670.76	NNE
34	3-1851-043	841.54	NE
34	3-1851-042	841.54	NE
36	3-1851-017	854.05	SSE

Wells and Additional Sources Summary

41	3-1851-047	895.03	NE
41	3-1851-048	895.03	NE
42	3-1852-003	865.13	N
45	3-1851-052	1035.64	NNE
47	3-1851-040	1093.44	NNE
49	3-1851-018	1433.99	ESE
51	3-1851-049	1146.06	NNE
53	3-1851-023	1317.78	NE
55	3-1851-003	1476.36	E
56	3-1851-065	1621.04	ESE
59	3-1851-009	1672.06	E
61	3-1851-004	1690.12	ENE
64	3-1851-073	1794.43	E
65	3-1851-051	1812.59	ENE
66	3-1851-061	1802.52	ENE
68	3-1851-039	1720.90	NNE
72	3-1851-030	1878.35	NE
75	3-1851-005	1984.48	NE
76	3-1852-001	1917.45	N
77	3-1852-008	2023.41	W
79	3-1851-041	1940.72	NE
80	3-1852-002	2020.43	SSW
84	3-1851-021	2259.25	ESE
86	3-1851-055	2117.26	NE
86	3-1851-056	2117.26	NE
88	3-1851-066	2216.68	ENE
89	3-1851-044	2243.79	E
91	3-1851-050	2156.67	NE
92	3-1851-037	2211.10	NNE
96	3-1852-010	2613.74	WSW
99	3-1851-014	2909.28	ESE
101	3-1752-002	2803.08	S
102	3-1752-001	2789.91	S
103	3-1851-026	3045.22	ESE
105	3-1952-037	3057.51	NNW
109	3-1851-016	3034.49	NE
112	3-1851-074	3185.49	E
115	3-1851-057	3279.85	E
118	3-1851-075	3365.69	E
120	3-1851-011	3378.12	ENE
121	3-1851-007	3387.51	ENE
122	3-1851-054	3407.18	ENE
123	3-1851-064	3503.35	ESE
127	3-1851-020	3470.38	E
128	3-1851-031	3460.30	E
128	3-1851-033	3460.30	E
128	3-1851-032	3460.30	E
128	3-1851-024	3460.30	E
128	3-1851-035	3460.30	E
128	3-1851-034	3460.30	E
128	3-1851-025	3460.30	E
128	3-1851-013	3460.30	E
128	3-1851-012	3460.30	E
128	3-1851-067	3460.30	E
130	3-1851-008	3506.63	E
132	3-1851-059	3564.62	ESE
133	3-1851-015	3615.97	ESE
139	3-1952-032	3738.80	NNW
141	3-1952-033	3716.67	NNW
142	3-1952-031	3771.29	NNW
144	3-1751-001	3701.44	SSE
144	3-1751-002	3701.44	SSE
145	3-1851-036	3803.48	E
147	3-1851-058	3882.85	ESE
150	3-1952-026	3983.96	NNW
150	3-1952-027	3983.96	NNW

Wells and Additional Sources Summary

150	3-1952-028	3983.96	NNW
153	3-1952-029	4066.86	NNW
155	3-1851-063	4243.63	ESE
159	3-1952-003	4137.79	N
161	3-1952-012	4251.61	NNW
162	3-1951-001	4120.83	NNE
165	3-1851-060	4376.94	ESE
167	3-1952-024	4398.39	NNW
168	3-1952-023	4258.77	NNW
170	3-1952-025	4478.95	NNW
172	3-1952-030	4560.12	NNW
176	3-1751-006	4543.08	SSE
177	3-1952-011	4564.90	NNW
179	3-1952-014	4673.10	NNW
180	3-1952-020	4576.91	NNW
182	3-1851-062	4728.49	ESE
184	3-1952-021	4655.40	NNW
187	3-1751-008	4635.57	SSE
187	3-1751-005	4635.57	SSE
189	3-1851-002	4736.74	E
190	3-1952-013	4697.08	NNW
193	3-1851-001	4796.51	ESE
195	3-1751-003	4683.81	SSE
196	3-1951-004	4598.24	NE
198	3-1951-003	4584.97	NNE
199	3-1751-010	4749.36	SE
200	3-1751-011	4762.94	SE
203	3-1851-010	4986.49	E
205	3-1851-028	5225.32	E

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	ENE	0.53	2,800.37	16.40	PWSV

Address Line 2: 1301 PUNCHBOWL STREET
 State Code: HI
 Zip Code: 96813
 City Name: HONOLULU
 Address Line 1: THE QUEEN'S MEDICAL CENTER
 PWS ID: HI0000312
 PWS Type Code: CWS
 PWS Type Description: Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: A
 PWS Activity Description: Active
 PWS Deactivation Date:
 Phone Number: 808-691-4266

--Details--

Population Served Count: 3400
 City Served: DOWNTOWN HONOLULU
 County Served:
 State Served: HI
 Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	ENE	0.53	2,800.37	16.40	PWSV

Address Line 2: 1301 PUNCHBOWL STREET
 State Code: HI
 Zip Code: 96813
 City Name: HONOLULU
 Address Line 1: THE QUEEN'S MEDICAL CENTER
 PWS ID: HI0000373
 PWS Type Code: NTNCWS
 PWS Type Description: Non-Transient Non-Community Water System
 Primary Source Code: GWP
 Primary Source Desc: Purchased groundwater
 PWS Activity Code: A
 PWS Activity Description: Active
 PWS Deactivation Date:
 Phone Number: 808-691-4266

Wells and Additional Sources Detail Report

--Details--

Population Served Count: 400
 City Served: KUNIA
 County Served:
 State Served: HI
 Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	E	0.59	3,133.49	11.29	PWSV

Address Line 2: 630 S. Beretania St., Rm. 308
 State Code: HI
 Zip Code: 96843
 City Name: HONOLULU
 Address Line 1: Honolulu Board of Water Supply
 PWS ID: HI0000333
 PWS Type Code: CWS
 PWS Type Description: Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: A
 PWS Activity Description: Active
 PWS Deactivation Date:
 Phone Number: 808-748-5080

--Details--

Population Served Count: 24798
 City Served:
 County Served:
 State Served: HI
 Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NNE	0.07	361.29	6.56	SDWIS

PWS ID: HI0000372
 PWS Type: Community water system
 No of Facilities: 2
 No of Violations: 0
 No of Site Visits: 2
 Cities Served: HONOLULU
 Counties Served: Honolulu
 Population Served Count: 48
 Primacy Agency: Hawaii
 EPA Region: Region 9

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	ENE	0.53	2,800.37	16.40	SDWIS

PWS ID: HI0000312
 PWS Type: Community water system
 No of Facilities: 3
 No of Violations: 9
 No of Site Visits: 10
 Cities Served: DOWNTOWN HONOLULU
 Counties Served: Honolulu
 Population Served Count: 3,440
 Primacy Agency: Hawaii
 EPA Region: Region 9

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	ESE	0.02	94.11	3.28	FED USGS

Site No: USGS-211828157515801
 Site Type: Well
 Formation Type: Koolau Volcanic Series, Lava Flows
 Date Drilled: 19010101
 Well Depth: 1142
 Well Depth Unit: ft
 Well Hole Depth: 1142
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-22 Ala Moana Blvd, Oahu, HI
 Latitude: 21.30477778000000
 Longitude: -157.8634167000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	-	0.00	0.00	3.28	FED USGS

Site No: USGS-211833157520001
 Site Type: Well
 Formation Type:
 Date Drilled: 19530703
 Well Depth: 94.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-06 W102-1 DWN

Wells and Additional Sources Detail Report

Latitude: 21.30601944000000
 Longitude: -157.8639194000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	ENE	0.03	141.73	4.10	FED USGS

Site No: USGS-211832157515502
 Site Type: Well
 Formation Type: Koolau Volcanic Series, Lava Flows
 Date Drilled: 18970101
 Well Depth: 1053
 Well Depth Unit: ft
 Well Hole Depth: 1053
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-19 Halekauwila Street, Pipe B, Oahu, HI
 Latitude: 21.30569444000000
 Longitude: -157.8625833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ENE	0.03	153.52	4.10	FED USGS

Site No: USGS-211832157515501
 Site Type: Well
 Formation Type: Koolau Volcanic Series, Lava Flows
 Date Drilled: 1897
 Well Depth: 1053
 Well Depth Unit: ft
 Well Hole Depth: 1053
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-19 Halekauwila Street, Pipe A, Oahu, HI
 Latitude: 21.30572222000000
 Longitude: -157.8625556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NNE	0.04	220.41	3.28	FED USGS

Site No: USGS-211825157514701
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 30
 Well Depth Unit: ft
 Well Hole Depth:

Wells and Additional Sources Detail Report

Well Hole Depth Unit:

Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-70 Ft St Mall, Oahu, HI
 Latitude: 21.30694444000000
 Longitude: -157.8630556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	NW	0.10	513.97	3.28	FED USGS

Site No: USGS-211836157520701
 Site Type: Well
 Formation Type:
 Date Drilled: 19510201
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-05 W90-6 DWNT
 Latitude: 21.30685278000000
 Longitude: -157.8658639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NNE	0.03	173.99	3.28	FED USGS

Site No: USGS-211837157515802
 Site Type: Well
 Formation Type:
 Date Drilled: 19680101
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-69 W90-8B DWN
 Latitude: 21.30712778000000
 Longitude: -157.8633639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NNE	0.03	173.99	3.28	FED USGS

Site No: USGS-211837157515801
 Site Type: Well
 Formation Type:
 Date Drilled: 19680101

Wells and Additional Sources Detail Report

Well Depth: 36.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-68 W90-8A DWN
 Latitude: 21.30712778000000
 Longitude: -157.8633639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NNW	0.11	573.74	3.28	FED USGS

Site No: USGS-211837157520701
 Site Type: Well
 Formation Type:
 Date Drilled: 19470501
 Well Depth: 64.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-04 W90-5 DWNT
 Latitude: 21.30713056000000
 Longitude: -157.8658639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NNE	0.05	252.44	3.28	FED USGS

Site No: USGS-211837157515803
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 30.0
 Well Depth Unit: ft
 Well Hole Depth: 30.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851.05 -70/W90-8C, Oahu, HI
 Latitude: 21.30739167000000
 Longitude: -157.8633667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ENE	0.08	419.88	6.56	FED USGS

Site No: USGS-211834157515301

Wells and Additional Sources Detail Report

Site Type: Well
 Formation Type:
 Date Drilled: 19100101
 Well Depth: 1145
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-27 W103 DWNTN
 Latitude: 21.30629444000000
 Longitude: -157.8619750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NNE	0.10	529.34	6.56	FED USGS

Site No: USGS-211840157515601
 Site Type: Well
 Formation Type:
 Date Drilled: 19561028
 Well Depth: 122
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-53 W90-7 DWNT
 Latitude: 21.30796110000000
 Longitude: -157.8628083000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNE	0.10	528.34	6.56	FED USGS

Site No: USGS-211841157515901
 Site Type: Well
 Formation Type:
 Date Drilled: 19730702
 Well Depth: 45.0
 Well Depth Unit: ft
 Well Hole Depth: 45.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-71 DWNTN
 Latitude: 21.30823889000000
 Longitude: -157.8636417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNE	0.10	528.34	6.56	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211841157515902
 Site Type: Well
 Formation Type:
 Date Drilled: 19730712
 Well Depth: 45.0
 Well Depth Unit: ft
 Well Hole Depth: 45.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-72 DWNTN
 Latitude: 21.30823889000000
 Longitude: -157.8636417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SSE	0.14	741.51	3.28	FED USGS

Site No: USGS-211817157515901
 Site Type: Well
 Formation Type:
 Date Drilled: 19130101
 Well Depth: 1009
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-29 W93 DWNTN
 Latitude: 21.30157222000000
 Longitude: -157.8636444000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	NE	0.14	733.77	9.84	FED USGS

Site No: USGS-211837157515101
 Site Type: Well
 Formation Type:
 Date Drilled: 19391030
 Well Depth: 41.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-47 W103-2A DW
 Latitude: 21.30712778000000
 Longitude: -157.8614194000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	NE	0.14	733.77	9.84	FED USGS

Site No: USGS-211837157515102
 Site Type: Well
 Formation Type:
 Date Drilled: 19390101
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth: 40.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851.02 -48/103-2B
 Latitude: 21.30712778000000
 Longitude: -157.8614194000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	ENE	0.14	764.81	9.84	FED USGS

Site No: USGS-211836157515002
 Site Type: Well
 Formation Type:
 Date Drilled: 19391023
 Well Depth: 75.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-46 W103-1B DW
 Latitude: 21.30685000000000
 Longitude: -157.8611417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	ENE	0.14	764.81	9.84	FED USGS

Site No: USGS-211836157515001
 Site Type: Well
 Formation Type:
 Date Drilled: 19391016
 Well Depth: 80.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center

Wells and Additional Sources Detail Report

Station Name: 3-1851-45 W103-1A DW
 Latitude: 21.306850000000000
 Longitude: -157.8611417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	S	0.15	809.77	3.28	FED USGS

Site No: USGS-211816157520301
 Site Type: Well
 Formation Type:
 Date Drilled: 19550826
 Well Depth: 95.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-07 W93-2 PR 3
 Latitude: 21.301294440000000
 Longitude: -157.8647556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	ENE	0.17	873.66	9.84	FED USGS

Site No: USGS-211825157513901
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 40
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-43 Merchant St, Oahu, HI
 Latitude: 21.306944440000000
 Longitude: -157.8608333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	SSE	0.17	876.82	3.28	FED USGS

Site No: USGS-211817157515401
 Site Type: Well
 Formation Type:
 Date Drilled: 19000101
 Well Depth: 1007
 Well Depth Unit: ft

Wells and Additional Sources Detail Report

Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-17 W94 DWNTN
 Latitude: 21.30157222000000
 Longitude: -157.8622556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NE	0.16	834.41	9.84	FED USGS

Site No: USGS-211829157514201
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 40
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-48 King St, Oahu, HI
 Latitude: 21.30805556000000
 Longitude: -157.8616667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	NNE	0.15	794.45	9.84	FED USGS

Site No: USGS-211843157515601
 Site Type: Well
 Formation Type:
 Date Drilled: 19370101
 Well Depth: 100
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-38 W90 DWNTN
 Latitude: 21.30879444000000
 Longitude: -157.8628083000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	N	0.16	831.39	6.64	FED USGS

Site No: USGS-211844157520001
 Site Type: Well
 Formation Type:

Wells and Additional Sources Detail Report

Date Drilled: 19470501
 Well Depth: 52.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-03 W90-4 DWNT
 Latitude: 21.30907222000000
 Longitude: -157.8639194000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.18	941.90	9.84	FED USGS

Site No: USGS-211843157515302
 Site Type: Well
 Formation Type:
 Date Drilled: 19390701
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth: 40.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851.01 -43/W90-1B
 Latitude: 21.30879444000000
 Longitude: -157.8619750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.18	941.90	9.84	FED USGS

Site No: USGS-211843157515301
 Site Type: Well
 Formation Type:
 Date Drilled: 19390101
 Well Depth: 50.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-42 W90-1A DWN
 Latitude: 21.30879444000000
 Longitude: -157.8619750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	NNE	0.19	1,003.28	11.30	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211843157515201
 Site Type: Well
 Formation Type:
 Date Drilled: 19520302
 Well Depth: 100
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-52 W104-1 DWN
 Latitude: 21.30879444000000
 Longitude: -157.8616972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	NNE	0.20	1,058.37	13.12	FED USGS

Site No: USGS-211845157515401
 Site Type: Well
 Formation Type:
 Date Drilled: 19380101
 Well Depth: 42.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-40 W90-3 DWNT
 Latitude: 21.30935000000000
 Longitude: -157.8622528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNE	0.21	1,110.39	13.16	FED USGS

Site No: USGS-211846157515501
 Site Type: Well
 Formation Type:
 Date Drilled: 19400825
 Well Depth: 60.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-49 W90-2 DWNT
 Latitude: 21.30962778000000
 Longitude: -157.8625306000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

50 ESE 0.27 1,428.01 6.56 FED USGS

Site No: USGS-211822157514401
 Site Type: Well
 Formation Type:
 Date Drilled: 19000101
 Well Depth: 799
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-18 W95 DWNTN
 Latitude: 21.30296110000000
 Longitude: -157.8594778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	NE	0.24	1,289.55	13.12	FED USGS

Site No: USGS-211843157514801
 Site Type: Well
 Formation Type:
 Date Drilled: 19010101
 Well Depth: 960
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-23 W104 DWNTN
 Latitude: 21.30879444000000
 Longitude: -157.8605860000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	E	0.28	1,467.84	9.84	FED USGS

Site No: USGS-211830157514101
 Site Type: Well
 Formation Type:
 Date Drilled: 18820101
 Well Depth: 767
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-03 W97 DWNTN
 Latitude: 21.30518333000000

Wells and Additional Sources Detail Report

Longitude: -157.8586417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	ESE	0.33	1,725.37	6.56	FED USGS

Site No: USGS-211821157514101
Site Type: Well
Formation Type:
Date Drilled: 19671201
Well Depth: 80.0
Well Depth Unit: ft
Well Hole Depth: 80.0
Well Hole Depth Unit: ft
Reporting Agency: USGS Hawaii Water Science Center
Station Name: 3-1851.04 -65/W95-1
Latitude: 21.30268333000000
Longitude: -157.8586444000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	E	0.32	1,679.80	9.84	FED USGS

Site No: USGS-211828157513901
Site Type: Well
Formation Type:
Date Drilled: 19860522
Well Depth: 777
Well Depth Unit: ft
Well Hole Depth: 777
Well Hole Depth Unit: ft
Reporting Agency: USGS Hawaii Water Science Center
Station Name: 3-1851-73 KAWAIHAO 2
Latitude: 21.30462778000000
Longitude: -157.8580889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	ESE	0.35	1,823.18	6.56	FED USGS

Site No: USGS-211810157513001
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 80
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:

Wells and Additional Sources Detail Report

Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-65 Queen St, Oahu, HI
 Latitude: 21.30277778000000
 Longitude: -157.8583333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	ENE	0.32	1,703.30	16.38	FED USGS

Site No: USGS-211838157514001
 Site Type: Well
 Formation Type:
 Date Drilled: 18820101
 Well Depth: 752
 Well Depth Unit: ft
 Well Hole Depth: 765
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-04 W99, 99A,B
 Latitude: 21.30740556000000
 Longitude: -157.8583639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	ESE	0.35	1,838.41	9.84	FED USGS

Site No: USGS-211823157513901
 Site Type: Well
 Formation Type:
 Date Drilled: 18930101
 Well Depth: 748
 Well Depth Unit: ft
 Well Hole Depth: 765
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-09 W96 DWNTN
 Latitude: 21.30323889000000
 Longitude: -157.8580889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	ENE	0.34	1,812.59	16.40	FED USGS

Site No: USGS-211835157513801
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 71.0

Wells and Additional Sources Detail Report

Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-51 Iolani Palace W99-1, Oahu, HI
 Latitude: 21.30666667000000
 Longitude: -157.8577778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NE	0.33	1,760.11	19.69	FED USGS

Site No: USGS-211848157514601
 Site Type: Well
 Formation Type:
 Date Drilled: 19380101
 Well Depth: 46.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-41 W105-1 DWN
 Latitude: 21.31018333000000
 Longitude: -157.8600306000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	W	0.36	1,900.46	3.28	FED USGS

Site No: USGS-211825157522701
 Site Type: Well
 Formation Type:
 Date Drilled: 19710623
 Well Depth: 100
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-08 W120 SANDI
 Latitude: 21.30379444000000
 Longitude: -157.8714222000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	NE	0.35	1,850.46	19.69	FED USGS

Site No: USGS-211846157514301
 Site Type: Well

Wells and Additional Sources Detail Report

Formation Type:
 Date Drilled: 19150501
 Well Depth: 810
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-30 W105 DWNTN
 Latitude: 21.30962778000000
 Longitude: -157.85919720000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	ENE	0.36	1,920.00	19.69	FED USGS

Site No: USGS-211841157513901
 Site Type: Well
 Formation Type:
 Date Drilled: 19630501
 Well Depth: 77.0
 Well Depth Unit: ft
 Well Hole Depth: 110
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-61 W99-2 DWNT
 Latitude: 21.30823889000000
 Longitude: -157.85808600000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	N	0.35	1,854.55	9.84	FED USGS

Site No: USGS-211854157520201
 Site Type: Well
 Formation Type:
 Date Drilled: 19370101
 Well Depth: 60.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-01 W110 DWNTN
 Latitude: 21.31185000000000
 Longitude: -157.86447500000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NE	0.37	1,958.12	19.69	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211845157514101
 Site Type: Well
 Formation Type:
 Date Drilled: 18820101
 Well Depth: 636
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-05 W106 DWNTN
 Latitude: 21.30935000000000
 Longitude: -157.8586417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	NNE	0.36	1,905.88	19.69	FED USGS

Site No: USGS-211852157514901
 Site Type: Well
 Formation Type:
 Date Drilled: 19361006
 Well Depth: 52.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-37 W100-1 DWN
 Latitude: 21.31129444000000
 Longitude: -157.8608639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SSW	0.39	2,056.42	3.28	FED USGS

Site No: USGS-211805157521201
 Site Type: Well
 Formation Type:
 Date Drilled: 19390914
 Well Depth: 102
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-02 W93-1 PR2
 Latitude: 21.29823889000000
 Longitude: -157.8672556000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	NE	0.40	2,090.83	19.69	FED USGS

Site No: USGS-211846157514002
 Site Type: Well
 Formation Type:
 Date Drilled: 19580101
 Well Depth: 30.0
 Well Depth Unit: ft
 Well Hole Depth: 30.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-56 W106-1B DW
 Latitude: 21.30962778000000
 Longitude: -157.8583639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	ENE	0.40	2,134.25	19.69	FED USGS

Site No: USGS-211842157513701
 Site Type: Well
 Formation Type:
 Date Drilled: 19670501
 Well Depth: 100
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-66 W99-3 DWNT
 Latitude: 21.30851667000000
 Longitude: -157.8575306000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	ESE	0.43	2,257.75	3.28	FED USGS

Site No: USGS-211818157513601
 Site Type: Well
 Formation Type:
 Date Drilled: 19010101
 Well Depth: 789
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-21 W92 DWNTN

Wells and Additional Sources Detail Report

Latitude: 21.30185000000000
 Longitude: -157.8572556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	NE	0.40	2,117.26	20.11	FED USGS

Site No: USGS-211846157514001
 Site Type: Well
 Formation Type:
 Date Drilled: 1958
 Well Depth: 40
 Well Depth Unit: ft
 Well Hole Depth: 130
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-55 Alakea St. (W106-1A), Oahu, HI
 Latitude: 21.30972222000000
 Longitude: -157.8583333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	E	0.42	2,230.12	13.12	FED USGS

Site No: USGS-211833157513301
 Site Type: Well
 Formation Type:
 Date Drilled: 19390101
 Well Depth: 62.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-44 W97-1 DWNT
 Latitude: 21.30601667000000
 Longitude: -157.8564194000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	NE	0.40	2,123.37	19.69	FED USGS

Site No: USGS-211852157514501
 Site Type: Well
 Formation Type:
 Date Drilled: 19400801
 Well Depth: 25.0
 Well Depth Unit: ft
 Well Hole Depth:

Wells and Additional Sources Detail Report

Well Hole Depth Unit:

Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-50 W105-2 DWN
 Latitude: 21.31129444000000
 Longitude: -157.8597528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SSE	0.45	2,350.38	3.28	FED USGS

Site No: USGS-211802157515201
 Site Type: Stream
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: EQUIPMENT BLANKS, OAHU QW, HAWAII
 Latitude: 21.29740556000000
 Longitude: -157.8617000000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	NNE	0.43	2,251.47	19.69	FED USGS

Site No: USGS-211857157515201
 Site Type: Well
 Formation Type:
 Date Drilled: 19370101
 Well Depth: 60.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-39 W100 DWNTN
 Latitude: 21.31268333000000
 Longitude: -157.8616972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	SSE	0.46	2,445.12	3.28	FED USGS

Site No: USGS-211750157514101
 Site Type: Facility: Laboratory or sample-preparation area
 Formation Type:
 Date Drilled:

Wells and Additional Sources Detail Report

Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: USGS Hawaii District Office, Oahu, HI
 Latitude: 21.29722222000000
 Longitude: -157.8613889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	WSW	0.50	2,655.38	3.28	FED USGS

Site No: USGS-211807157522301
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 63
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852-10 Sand Island 1, Oahu, HI
 Latitude: 21.30194444000000
 Longitude: -157.8730556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	ESE	0.55	2,911.62	6.56	FED USGS

Site No: USGS-211820157512801
 Site Type: Well
 Formation Type:
 Date Drilled: 18970101
 Well Depth: 691
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-14 W91 DWNTN
 Latitude: 21.30240556000000
 Longitude: -157.8550333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	ESE	0.58	3,069.91	3.28	FED USGS

Site No: USGS-211815157512801

Wells and Additional Sources Detail Report

Site Type: Well
 Formation Type:
 Date Drilled: 19100101
 Well Depth: 725
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-26 W89 DWNTN
 Latitude: 21.30101667000000
 Longitude: -157.8550333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	NNW	0.58	3,057.51	3.28	FED USGS

Site No: USGS-211901157521701
 Site Type: Well
 Formation Type:
 Date Drilled: 19721013
 Well Depth: 109
 Well Depth Unit: ft
 Well Hole Depth: 109
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952.02 -37
 Latitude: 21.31388889000000
 Longitude: -157.8686110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
106	S	0.57	3,029.85	3.28	FED USGS

Site No: USGS-211754157520201
 Site Type: Well
 Formation Type:
 Date Drilled: 19881202
 Well Depth: 57
 Well Depth Unit: ft
 Well Hole Depth: 58.5
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1752-01M KEWALO LANDFILL B-1
 Latitude: 21.29518333000000
 Longitude: -157.8644778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
107	NE	0.57	3,004.19	27.32	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211855157513501
 Site Type: Well
 Formation Type:
 Date Drilled: 18990101
 Well Depth: 1007
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-16 W107 DWNTN
 Latitude: 21.31212778000000
 Longitude: -157.8569750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
110	E	0.60	3,171.77	13.13	FED USGS

Site No: USGS-211833157512301
 Site Type: Well
 Formation Type:
 Date Drilled: 19890512
 Well Depth: 625
 Well Depth Unit: ft
 Well Hole Depth: 625
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-75 BERETANIA W2
 Latitude: 21.30601667000000
 Longitude: -157.8536444000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	E	0.60	3,179.84	13.44	FED USGS

Site No: USGS-211834157512301
 Site Type: Well
 Formation Type:
 Date Drilled: 19880908
 Well Depth: 598
 Well Depth Unit: ft
 Well Hole Depth: 598
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-74 Beretania PS10, Oahu, HI
 Latitude: 21.30629444000000
 Longitude: -157.8536444000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
113	ENE	0.61	3,222.91	23.40	FED USGS

Site No: USGS-211837157512301
 Site Type: Well
 Formation Type:
 Date Drilled: 18940101
 Well Depth: 521
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-11 W98 DWNTN
 Latitude: 21.30712778000000
 Longitude: -157.8536444000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
114	E	0.62	3,266.10	16.47	FED USGS

Site No: USGS-211833157512201
 Site Type: Well
 Formation Type:
 Date Drilled: 19600101
 Well Depth: 720
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-58 W86-1 DWNT
 Latitude: 21.30601667000000
 Longitude: -157.8533667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
114	E	0.62	3,266.10	16.47	FED USGS

Site No: USGS-211833157512202
 Site Type: Well
 Formation Type:
 Date Drilled: 19600101
 Well Depth: 1509
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center

Wells and Additional Sources Detail Report

Station Name: 3-1851-57 T85 DWNTN
 Latitude: 21.30601667000000
 Longitude: -157.8533667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	ESE	0.65	3,406.41	6.56	FED USGS

Site No: USGS-211821157512201
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 91.0
 Well Depth Unit: ft
 Well Hole Depth: 91.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851.03-64/W85-2, Oahu, HI
 Latitude: 21.30268333000000
 Longitude: -157.8533833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
117	E	0.64	3,354.30	16.42	FED USGS

Site No: USGS-211831157512101
 Site Type: Well
 Formation Type:
 Date Drilled: 19100101
 Well Depth: 617
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-25 W88-B DWNT
 Latitude: 21.30546110000000
 Longitude: -157.8530889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
119	ENE	0.63	3,329.36	29.53	FED USGS

Site No: USGS-211849157512701
 Site Type: Well
 Formation Type:
 Date Drilled: 1884
 Well Depth: 560
 Well Depth Unit: ft

Wells and Additional Sources Detail Report

Well Hole Depth: 560
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-07 Pacific Club (W108), Oahu, HI
 Latitude: 21.31055556000000
 Longitude: -157.8547222000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	ESE	0.66	3,503.35	8.93	FED USGS

Site No: USGS-211810157511101
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 91
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-64 King St, Oahu, HI
 Latitude: 21.30277778000000
 Longitude: -157.8530556000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
124	E	0.66	3,461.99	19.53	FED USGS

Site No: USGS-211828157512001
 Site Type: Well
 Formation Type:
 Date Drilled: 19010901
 Well Depth: 574
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-20 W87 DWNTN
 Latitude: 21.30462778000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512003
 Site Type: Well
 Formation Type:

Wells and Additional Sources Detail Report

Date Drilled: 19100101
 Well Depth: 607
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-24 Beretania PS4 (W88-A), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512002
 Site Type: Well
 Formation Type:
 Date Drilled: 18950101
 Well Depth: 616
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-13 Beretania PS1 (W88-I), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512004
 Site Type: Well: Multiple wells
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-12,13,24,ETC
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211831157512005
 Site Type: Well
 Formation Type:
 Date Drilled: 19240101
 Well Depth: 600
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-31 Beretania PS6 (W88-C), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512006
 Site Type: Well
 Formation Type:
 Date Drilled: 19240101
 Well Depth: 600
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-32 Beretania PS5 (W88-D), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512007
 Site Type: Well
 Formation Type:
 Date Drilled: 19260101
 Well Depth: 533
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-33 Beretania PS9 (W88-E), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

125 E 0.65 3,448.88 19.93 FED USGS

Site No: USGS-211831157512008
 Site Type: Well
 Formation Type:
 Date Drilled: 19260101
 Well Depth: 636
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-34 Beretania PS8 (W88-F), Oahu, HI
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512000
 Site Type: Well
 Formation Type:
 Date Drilled: 19680101
 Well Depth: 652
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-67 W88-J
 Latitude: 21.30546110000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	E	0.65	3,448.88	19.93	FED USGS

Site No: USGS-211831157512009
 Site Type: Well
 Formation Type:
 Date Drilled: 19260101
 Well Depth: 566
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-35 Beretania PS7 (W88-G), Oahu, HI
 Latitude: 21.30546110000000

Wells and Additional Sources Detail Report

Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
126	ENE	0.65	3,420.14	36.69	FED USGS

Site No: USGS-211844157512201
 Site Type: Well
 Formation Type: Koolau Volcanic Series, Lava Flows
 Date Drilled: 19580501
 Well Depth: 460
 Well Depth Unit: ft
 Well Hole Depth: 460
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-54 Queens Hospital, Oahu, HI
 Latitude: 21.30919444000000
 Longitude: -157.8536944000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	FED USGS

Site No: USGS-211831157512001
 Site Type: Well
 Formation Type:
 Date Drilled: 1895
 Well Depth: 580
 Well Depth Unit: ft
 Well Hole Depth: 580
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-12 Beretania PS (W88-H), Oahu, HI
 Latitude: 21.30555556000000
 Longitude: -157.8527778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
129	E	0.66	3,501.31	13.12	FED USGS

Site No: USGS-211825157512001
 Site Type: Well
 Formation Type:
 Date Drilled: 18890101
 Well Depth: 648
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:

Wells and Additional Sources Detail Report

Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-08 W86 DWNTN
 Latitude: 21.30379444000000
 Longitude: -157.8528110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
131	ESE	0.68	3,565.51	6.56	FED USGS

Site No: USGS-211819157512101
 Site Type: Well
 Formation Type:
 Date Drilled: 19600101
 Well Depth: 736
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-59 W85-1 DWNT
 Latitude: 21.30212778000000
 Longitude: -157.8530889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
134	ESE	0.68	3,613.70	3.28	FED USGS

Site No: USGS-211815157512202
 Site Type: Well
 Formation Type:
 Date Drilled: 18980101
 Well Depth: 734
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-15 W85 DWNTN
 Latitude: 21.30101667000000
 Longitude: -157.8533667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
135	NW	0.68	3,577.41	3.28	FED USGS

Site No: USGS-211853157523601
 Site Type: Well
 Formation Type:
 Date Drilled: 19731123
 Well Depth: 65.0

Wells and Additional Sources Detail Report

Well Depth Unit: ft
 Well Hole Depth: 65.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1852.01A-B
 Latitude: 21.31157500000000
 Longitude: -157.8739222000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
136	S	0.69	3,634.11	38.92	FED USGS

Site No: USGS-211748157520201
 Site Type: Well
 Formation Type:
 Date Drilled: 19881130
 Well Depth: 57
 Well Depth Unit: ft
 Well Hole Depth: 57
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1752-02M KEWALO LANDFILL B-4
 Latitude: 21.29351667000000
 Longitude: -157.8644778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
137	NNW	0.70	3,717.20	3.28	FED USGS

Site No: USGS-211906157522201
 Site Type: Well
 Formation Type:
 Date Drilled: 19570209
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-32 W117-3 KAP
 Latitude: 21.31518610000000
 Longitude: -157.8700306000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
138	S	0.70	3,672.55	9.84	FED USGS

Site No: USGS-211748157515701
 Site Type: Well

Wells and Additional Sources Detail Report

Formation Type:
 Date Drilled: 19881202
 Well Depth: 51.0
 Well Depth Unit: ft
 Well Hole Depth: 51
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-01 KEWALO LANDFILL B-3
 Latitude: 21.29351667000000
 Longitude: -157.8630889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
140	NNW	0.71	3,748.69	3.28	FED USGS

Site No: USGS-211907157522101
 Site Type: Well
 Formation Type:
 Date Drilled: 19541127
 Well Depth: 42.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-31 W117-2 KAP
 Latitude: 21.31546389000000
 Longitude: -157.8697528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
143	E	0.72	3,798.36	13.12	FED USGS

Site No: USGS-211824157511701
 Site Type: Well
 Formation Type:
 Date Drilled: 19360101
 Well Depth: 700
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-36 W80 DWNTN
 Latitude: 21.30351667000000
 Longitude: -157.8519778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
146	SSE	0.71	3,727.36	3.28	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211751157514201
 Site Type: Well
 Formation Type:
 Date Drilled: 19390601
 Well Depth: 142
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-01 W92-1 KEWA
 Latitude: 21.29435000000000
 Longitude: -157.8589222000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
146	SSE	0.71	3,727.36	3.28	FED USGS

Site No: USGS-211751157514202
 Site Type: Well
 Formation Type:
 Date Drilled: 19490601
 Well Depth: 150
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-02 W92-2 KEWA
 Latitude: 21.29435000000000
 Longitude: -157.8589222000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
148	NNW	0.74	3,884.72	3.28	FED USGS

Site No: USGS-211908157522201
 Site Type: Well
 Formation Type:
 Date Drilled: 19570209
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-33 W117-4 KAP
 Latitude: 21.31574167000000
 Longitude: -157.8700306000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	NNW	0.75	3,959.02	3.28	FED USGS

Site No: USGS-211910157522001
 Site Type: Well
 Formation Type:
 Date Drilled: 19500106
 Well Depth: 36.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-26 W114-A KAP
 Latitude: 21.31629444000000
 Longitude: -157.8694750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	NNW	0.75	3,959.02	3.28	FED USGS

Site No: USGS-211910157522002
 Site Type: Well
 Formation Type:
 Date Drilled: 19500106
 Well Depth: 35.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-27 W114-B KAP
 Latitude: 21.31629444000000
 Longitude: -157.8694750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	NNW	0.75	3,959.02	3.28	FED USGS

Site No: USGS-211910157522003
 Site Type: Well
 Formation Type:
 Date Drilled: 19500106
 Well Depth: 35.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-28 W114-C KAP

Wells and Additional Sources Detail Report

Latitude: 21.31629444000000
 Longitude: -157.8694750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
151	NNW	0.77	4,046.31	3.28	FED USGS

Site No: USGS-211908157522501
 Site Type: Well
 Formation Type:
 Date Drilled: 19510607
 Well Depth: 40.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-29 W117-1 KAP
 Latitude: 21.31574167000000
 Longitude: -157.8708639000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
152	SSE	0.75	3,941.96	3.28	FED USGS

Site No: USGS-211740157512701
 Site Type: Ocean: Coastal
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: Kewalo Harbor, Oahu, HI
 Latitude: 21.29438889000000
 Longitude: -157.8575278000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
154	NNW	0.80	4,217.16	3.28	FED USGS

Site No: USGS-211908157522801
 Site Type: Well
 Formation Type:
 Date Drilled: 19711001
 Well Depth: 65.0
 Well Depth Unit: ft
 Well Hole Depth: 65.0

Wells and Additional Sources Detail Report

Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952.01B
 Latitude: 21.31574167000000
 Longitude: -157.8716972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
156	S	0.79	4,183.19	3.28	FED USGS

Site No: USGS-211743157515601
 Site Type: Well
 Formation Type:
 Date Drilled: 19881202
 Well Depth: 32
 Well Depth Unit: ft
 Well Hole Depth: 32
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-02M KEWALO LANDFILL B-2
 Latitude: 21.29212778000000
 Longitude: -157.8628110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
157	N	0.78	4,105.24	6.56	FED USGS

Site No: USGS-211916157520601
 Site Type: Well
 Formation Type:
 Date Drilled: 19000101
 Well Depth: 524
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-03 W113 KAPAL
 Latitude: 21.31796110000000
 Longitude: -157.8655860000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
158	NNW	0.80	4,225.90	6.56	FED USGS

Site No: USGS-211913157522001
 Site Type: Well
 Formation Type:
 Date Drilled: 19200101

Wells and Additional Sources Detail Report

Well Depth: 610
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-12 W114 KAPAL
 Latitude: 21.31712778000000
 Longitude: -157.8694750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
160	NNE	0.77	4,085.79	29.46	FED USGS

Site No: USGS-211911157513801
 Site Type: Well
 Formation Type:
 Date Drilled: 18830101
 Well Depth: 767
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1951-01 W109 DWNTN
 Latitude: 21.31657222000000
 Longitude: -157.8578083000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	NNW	0.83	4,378.02	3.28	FED USGS

Site No: USGS-211910157522801
 Site Type: Well
 Formation Type:
 Date Drilled: 19470101
 Well Depth: 80.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-24 W119-1 KAP
 Latitude: 21.31629722000000
 Longitude: -157.8716972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
164	ESE	0.83	4,375.49	12.29	FED USGS

Site No: USGS-211819157511201

Wells and Additional Sources Detail Report

Site Type: Well
 Formation Type:
 Date Drilled: 19620401
 Well Depth: 180
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-60 W82-1 DWNT
 Latitude: 21.30212778000000
 Longitude: -157.8505889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
166	NNW	0.80	4,228.54	6.56	FED USGS

Site No: USGS-211916157521201
 Site Type: Well
 Formation Type:
 Date Drilled: 19390424
 Well Depth: 100
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-23 W114-1 KAP
 Latitude: 21.31796110000000
 Longitude: -157.8672528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
169	NNW	0.84	4,458.46	3.28	FED USGS

Site No: USGS-211911157522801
 Site Type: Well
 Formation Type:
 Date Drilled: 19470101
 Well Depth: 81.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-25 W119-2 KAP
 Latitude: 21.31657500000000
 Longitude: -157.8716972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
170	NNW	0.85	4,478.95	3.28	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211900157521801
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 75
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-30 Kapalama, Oahu, HI
 Latitude: 21.31666667000000
 Longitude: -157.8716667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
171	NNW	0.86	4,539.40	3.28	FED USGS

Site No: USGS-211912157522801
 Site Type: Well
 Formation Type:
 Date Drilled: 19511214
 Well Depth: 51.0
 Well Depth Unit: ft
 Well Hole Depth: 75.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952.01A -30/W119-
 Latitude: 21.31685278000000
 Longitude: -157.8716972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
173	NNW	0.86	4,538.65	6.56	FED USGS

Site No: USGS-211916157522101
 Site Type: Well
 Formation Type:
 Date Drilled: 19130301
 Well Depth: 513
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-11 W117 KAPAL
 Latitude: 21.31796110000000
 Longitude: -157.8697528000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
174	ESE	0.88	4,666.83	6.56	FED USGS

Site No: USGS-211813157511102
 Site Type: Well
 Formation Type:
 Date Drilled: 19670714
 Well Depth: 65.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-62 W82-2A DWN
 Latitude: 21.30046110000000
 Longitude: -157.8503110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
174	ESE	0.88	4,666.83	6.56	FED USGS

Site No: USGS-211813157511101
 Site Type: Well
 Formation Type:
 Date Drilled: 19670701
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-63 W82-2B DWN
 Latitude: 21.30046110000000
 Longitude: -157.8503110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
175	NNW	0.88	4,653.01	3.28	FED USGS

Site No: USGS-211912157523001
 Site Type: Well
 Formation Type:
 Date Drilled: 1923
 Well Depth: 682
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center

Wells and Additional Sources Detail Report

Station Name: 3-1952-14 W119 Kapalama, Oahu, HI
 Latitude: 21.31685278000000
 Longitude: -157.8722528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
176	SSE	0.86	4,543.08	3.28	FED USGS

Site No: USGS-211740157514901
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 151
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-06 Kewalo W92-5, Oahu, HI
 Latitude: 21.29138889000000
 Longitude: -157.8608333000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
178	NNW	0.86	4,549.72	6.56	FED USGS

Site No: USGS-211917157521901
 Site Type: Well
 Formation Type:
 Date Drilled: 19270101
 Well Depth: 540
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-20 W115 KAPAL
 Latitude: 21.31823889000000
 Longitude: -157.8691972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
181	NNW	0.87	4,588.65	6.56	FED USGS

Site No: USGS-211917157522000
 Site Type: Well: Multiple wells
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:

Wells and Additional Sources Detail Report

Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-11 ,13,20,21
 Latitude: 21.31823889000000
 Longitude: -157.8694750000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
183	NNW	0.88	4,629.18	6.56	FED USGS

Site No: USGS-211917157522101
 Site Type: Well
 Formation Type:
 Date Drilled: 19270101
 Well Depth: 612
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-21 W116 KAPAL
 Latitude: 21.31823889000000
 Longitude: -157.8697528000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
185	NW	0.90	4,750.76	3.28	FED USGS

Site No: USGS-211903157524301
 Site Type: Well
 Formation Type:
 Date Drilled: 19731115
 Well Depth: 75.0
 Well Depth Unit: ft
 Well Hole Depth: 75.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952.03A
 Latitude: 21.31435278000000
 Longitude: -157.8758667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
186	NNW	0.88	4,671.27	6.56	FED USGS

Site No: USGS-211917157522201
 Site Type: Well
 Formation Type:

Wells and Additional Sources Detail Report

Date Drilled: 19230701
 Well Depth: 650
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952-13 W118 KAPAL
 Latitude: 21.31823889000000
 Longitude: -157.8700306000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
188	E	0.90	4,730.60	26.18	FED USGS

Site No: USGS-211824157510701
 Site Type: Well
 Formation Type:
 Date Drilled: 18820101
 Well Depth: 474
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-02 W83 DWNTN
 Latitude: 21.30351667000000
 Longitude: -157.8492000000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
191	ESE	0.91	4,795.50	13.12	FED USGS

Site No: USGS-211817157510801
 Site Type: Well
 Formation Type:
 Date Drilled: 18810101
 Well Depth: 540
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-01 W82 DWNTN
 Latitude: 21.30157222000000
 Longitude: -157.8494778000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
192	NE	0.86	4,564.91	42.58	FED USGS

Wells and Additional Sources Detail Report

Site No: USGS-211911157512901
 Site Type: Well
 Formation Type:
 Date Drilled: 19390825
 Well Depth: 53.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1951-04 W109-1
 Latitude: 21.31657222000000
 Longitude: -157.8553083000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
194	NNE	0.86	4,549.17	22.97	FED USGS

Site No: USGS-211920157515001
 Site Type: Well
 Formation Type:
 Date Drilled: 19050101
 Well Depth: 1029
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1951-03 W112
 Latitude: 21.31907222000000
 Longitude: -157.8611417000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
197	SSE	0.89	4,710.03	3.28	FED USGS

Site No: USGS-211742157513801
 Site Type: Well
 Formation Type:
 Date Drilled: 19590101
 Well Depth: 92.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-03 W92-3 KEWA
 Latitude: 21.29185000000000
 Longitude: -157.8578110000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

[201](#) E 0.94 4,977.69 40.00 FED USGS

Site No: USGS-211827157510401
 Site Type: Well
 Formation Type:
 Date Drilled: 18940101
 Well Depth: 486
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-10 W84 DWNTN
 Latitude: 21.304350000000000
 Longitude: -157.8483667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
202	NW	0.95	5,033.95	3.28	FED USGS

Site No: USGS-211906157524402
 Site Type: Well
 Formation Type:
 Date Drilled: 19731115
 Well Depth: 75.0
 Well Depth Unit: ft
 Well Hole Depth: 75.0
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1952.03B
 Latitude: 21.315186100000000
 Longitude: -157.8761444000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
204	E	0.99	5,222.92	16.40	FED USGS

Site No: USGS-211818157510301
 Site Type: Well
 Formation Type:
 Date Drilled: 1913
 Well Depth: 505
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1851-28 W81 Young St, Oahu, HI
 Latitude: 21.301850000000000

Wells and Additional Sources Detail Report

Longitude: -157.8480889000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
206	NNE	0.96	5,063.57	24.55	FED USGS

Site No: USGS-16235600
 Site Type: Stream
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: WAOLANI STREAM AT MOUTH AT HONOLULU,OAHU,HI
 Latitude: 21.31907222000000
 Longitude: -157.8566972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
207	NNE	0.97	5,108.89	19.07	FED USGS

Site No: USGS-16235100
 Site Type: Stream
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Hawaii Water Science Center
 Station Name: Nuuanu Str abv Waolani St. at Honolulu, Oahu, HI
 Latitude: 21.31907222000000
 Longitude: -157.8564194000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
208	SSE	0.99	5,244.99	3.28	FED USGS

Site No: USGS-211740157513001
 Site Type: Well
 Formation Type:
 Date Drilled: 19680501
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:

Wells and Additional Sources Detail Report

Reporting Agency: USGS Hawaii Water Science Center
 Station Name: 3-1751-05 W92-4 KEWA
 Latitude: 21.29129444000000
 Longitude: -157.8555889000000

Well Index Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	ESE	0.02	129.06	3.28	WATER WELLS

Well No:		Init CL (MG/L):	194
Old No:	101-	Init Head:	22.5
WID:	3-1851-022	Init Head2:	
Well Name:	Ala Moana Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	OBS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1901	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	1152	Pump GPM1:	0
Solid Case(Ft):	1125	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	12/16/1982
Aquifer Type:	Basal	Test GPM:	38
Bottom Hole Elev:	-1148	Test Ddown:	6.2
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-1121	Test Temp:	22.8
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-001:061
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.863333
Geology Division:	Other	Lat NAD83 (DD):	21.304722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	6	Longitude:	
T:		Latitude:	
WCR:	1/1/1901		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Pacific Islands Water Science Center, USGS, U.S. Geological Survey		
Land Owner:	State of Hawaii Aloha Tower Development Corp		
Land Owner Name:			

Wells and Additional Sources Detail Report

Driller: L. McCandless
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	-	0.00	0.00	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	102-1	Init Head:	
WID:	3-1852-006	Init Head2:	
Well Name:	Ala Moana Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1953	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	94	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-014:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863889
Geology Division:	Other	Lat NAD83 (DD):	21.306111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1953		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaiian Electric Company, Inc., HECO		
Land Owner:	Hawaiian Electric Company, Inc., HECO		
Land Owner Name:			
Driller:	Samson/Smock		

Wells and Additional Sources Detail Report

Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	ENE	0.03	184.25	6.56	WATER WELLS

Well No:		Init CL (MG/L):	67
Old No:	102-	Init Head:	27.2
WID:	3-1851-019	Init Head2:	
Well Name:	Halekauwila St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	OBSWL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1897	Pump Depth:	
Casing Dia(Inch):	1	Pump Elev:	
Ground El(Ft):	6	Pump GPM:	
Well Depth(Ft):	1053	Pump GPM1:	0
Solid Case(Ft):	1043	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1047	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-1037	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-016:015
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.8625
Geology Division:	Other	Lat NAD83 (DD):	21.305833
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/2/1900		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Harbor Square		
Land Owner:	Harbor Square		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			

Wells and Additional Sources Detail Report

Surveyor:

Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NE	0.05	272.98	6.56	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-8B	Init Head:	0.3
WID:	3-1851-069	Init Head2:	
Well Name:	Bishop St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1968	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	9	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	425
Bottom Hole Elev:	-33	Test Ddown:	11.2
Btm Perfor Cas Elev:		Test Chlor:	17300
Btm Solid Cas Elev:	-2	Test Temp:	25.6
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.862806
Geology Division:	Other	Lat NAD83 (DD):	21.306833
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	38	Longitude:	
T:		Latitude:	
WCR:	1/1/1968		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			

Wells and Additional Sources Detail Report

Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NW	0.10	534.23	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-6	Init Head:	
WID:	3-1852-005	Init Head2:	
Well Name:	Aloha Tower	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1951	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	14	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	90
Bottom Hole Elev:		Test Ddown:	3.4
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-001:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.865833
Geology Division:	Other	Lat NAD83 (DD):	21.306944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	26	Longitude:	
T:		Latitude:	
WCR:	1/1/1951		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	J. W. Podmore		
Land Owner:	State of Hawaii, Department of Transportation, Harbors Division, DOT		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NNE	0.04	207.42	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-8C	Init Head:	0.3
WID:	3-1851-070	Init Head2:	
Well Name:	Ft St Mall	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1968	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	30	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	550
Bottom Hole Elev:	-23	Test Ddown:	1.9
Btm Perfor Cas Elev:		Test Chlor:	17800
Btm Solid Cas Elev:		Test Temp:	25.6
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863333
Geology Division:	Other	Lat NAD83 (DD):	21.307222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	289	Longitude:	
T:		Latitude:	
WCR:	1/1/1968		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

14 N 0.05 261.60 3.28 WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-8A	Init Head:	
WID:	3-1851-068	Init Head2:	
Well Name:	Bishop St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1968	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	36	Pump GPM1:	1400
Solid Case(Ft):	8	Pump MGD:	2.016
Perf Case(Ft):		Pump Yr:	1968
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	440
Bottom Hole Elev:	-29	Test Ddown:	4.5
Btm Perfor Cas Elev:		Test Chlor:	16750
Btm Solid Cas Elev:	-1	Test Temp:	26.1
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.864
Geology Division:	Other	Lat NAD83 (DD):	21.307472
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	98	Longitude:	
T:		Latitude:	
WCR:	1/1/1968		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NNW	0.11	581.77	3.28	WATER WELLS

Wells and Additional Sources Detail Report

Well No:		Init CL (MG/L):	
Old No:	90-5	Init Head:	
WID:	3-1852-004	Init Head2:	
Well Name:	Aloha Towers	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1947	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	64	Pump GPM1:	
Solid Case(Ft):	44	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	150
Bottom Hole Elev:		Test Ddown:	1.5
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-001:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.865833
Geology Division:	Other	Lat NAD83 (DD):	21.307222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	100	Longitude:	
T:		Latitude:	
WCR:	1/1/1947		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:	State of Hawaii, Department of Transportation, Harbors Division, DOT		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	ENE	0.08	445.21	6.56	WATER WELLS

Wells and Additional Sources Detail Report

Well No:		Init CL (MG/L):	55
Old No:	103-	Init Head:	27.2
WID:	3-1851-027	Init Head2:	
Well Name:	Queen St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1910	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	2	Pump GPM:	
Well Depth(Ft):	1145	Pump GPM1:	
Solid Case(Ft):	805	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1143	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-803	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.861944
Geology Division:	Other	Lat NAD83 (DD):	21.306389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1910		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaiian Electric Company, Inc., HECO		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NNE	0.09	479.16	6.56	WATER WELLS

Well No:		Init CL (MG/L):	19
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Wells and Additional Sources Detail Report

Old No:	90-7	Init Head:	0.4
WID:	3-1851-053	Init Head2:	
Well Name:	Queen St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	PER - Percussion	Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1956	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	8	Pump GPM:	
Well Depth(Ft):	122	Pump GPM1:	
Solid Case(Ft):	22	Pump MGD:	
Perf Case(Ft):	30	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	400
Bottom Hole Elev:	-114	Test Ddown:	13.1
Btm Perfor Cas Elev:	-22	Test Chlor:	19
Btm Solid Cas Elev:	-14	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.862756
Geology Division:	Other	Lat NAD83 (DD):	21.307746
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	31	Longitude:	
T:		Latitude:	
WCR:	1/1/1956		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Astoria International Inc.		
Land Owner:	Alexander & Baldwin, Inc. - Oahu Office, A&B		
Land Owner Name:			
Driller:	Samson/Smock		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	NNE	0.09	481.46	6.56	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	Init Head:

Wells and Additional Sources Detail Report

WID:	3-1851-076	Init Head2:	
Well Name:	Amfac Center	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:		Pump Depth:	
Casing Dia(Inch):		Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):		Pump GPM1:	1400
Solid Case(Ft):		Pump MGD:	2.016
Perf Case(Ft):		Pump Yr:	1969
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863333
Geology Division:	Other	Lat NAD83 (DD):	21.308056
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:			
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:			
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.13	708.18	3.28	WATER WELLS

Well No:		Init CL (MG/L):	103
Old No:	93-	Init Head:	30.2
WID:	3-1851-029	Init Head2:	

Wells and Additional Sources Detail Report

Well Name:	Ala Moana Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1913	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	1009	Pump GPM1:	
Solid Case(Ft):	911	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1002	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-904	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.863611
Geology Division:	Other	Lat NAD83 (DD):	21.301667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1913		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	State of Hawaii		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	NNE	0.11	563.25	6.56	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	Init Head:
WID:	3-1851-071
Well Name:	Ft St Mall 1
	Init Head2:
	Init Head3:

Wells and Additional Sources Detail Report

Old Name:		Initial Head3:	
Well Type:	PER - Percussion	Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1973	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	45	Pump GPM1:	
Solid Case(Ft):	10	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	7/2/1973
Aquifer Type:	Caprock	Test GPM:	850
Bottom Hole Elev:	-38	Test Ddown:	8.2
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-3	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863611
Geology Division:	Other	Lat NAD83 (DD):	21.308333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	104	Longitude:	
T:		Latitude:	
WCR:	7/1/1973		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:	Roscoe Moss Hawaii Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	NNE	0.11	563.25	6.56	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	
WID:	3-1851-072	Init Head2:	
Well Name:	Ft St Mall 2	Init Head3:	
Old Name:		Initial Head3:	

Wells and Additional Sources Detail Report

Well Type:	PER - Percussion	Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1973	Pump Depth:	
Casing Dia(Inch):	18	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	45	Pump GPM1:	
Solid Case(Ft):	10	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	7/12/1973
Aquifer Type:	Caprock	Test GPM:	950
Bottom Hole Elev:	-38	Test Ddown:	8.5
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-3	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863611
Geology Division:	Other	Lat NAD83 (DD):	21.308333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	112	Longitude:	
T:		Latitude:	
WCR:	7/1/1973		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Anderson Real Estate		
Land Owner:	Duesenberg Investment Company, LLC		
Land Owner Name:			
Driller:	Roscoe Moss Hawaii Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.15	776.53	3.28	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	93-2
WID:	3-1852-007
Well Name:	Immigration Sta
Old Name:	Initial Head3:
Well Type:	Latest HD:

Wells and Additional Sources Detail Report

Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1955	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	8	Pump GPM:	
Well Depth(Ft):	95	Pump GPM1:	
Solid Case(Ft):	28	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	600
Bottom Hole Elev:	-87	Test Ddown:	3.1
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-20	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-015:030
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.864722
Geology Division:	Other	Lat NAD83 (DD):	21.301389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	194	Longitude:	
T:		Latitude:	
WCR:	1/1/1955		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	State of Hawaii		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	ENE	0.15	790.34	9.84	WATER WELLS

Well No:		Init CL (MG/L):	1040
Old No:	103-1A	Init Head:	
WID:	3-1851-045	Init Head2:	
Well Name:	Merchant&Richard	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	

Wells and Additional Sources Detail Report

Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	80	Pump GPM1:	
Solid Case(Ft):	21	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-016:013
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861111
Geology Division:	Other	Lat NAD83 (DD):	21.306944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	MDSO 1010 Investment, LLC		
Land Owner:	MDSO 1010 Investment, LLC		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	ENE	0.15	790.34	9.84	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	103-1B
WID:	3-1851-046
Well Name:	Merchant&Richard
Old Name:	
Well Type:	
Well Use:	
Use:	ABNLOS

Wells and Additional Sources Detail Report

Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	75	Pump GPM1:	
Solid Case(Ft):	8	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-016:013
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861111
Geology Division:	Other	Lat NAD83 (DD):	21.306944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	MDSD 1010 Investment, LLC		
Land Owner:	MDSD 1010 Investment, LLC		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	NNE	0.13	670.76	9.84	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-	Init Head:	
WID:	3-1851-038	Init Head2:	
Well Name:	Ft St Mall	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	

Wells and Additional Sources Detail Report

Yr Drilled:	1937	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	100	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	130
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-013:003
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863
Geology Division:	Other	Lat NAD83 (DD):	21.3085
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1937		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Brewer Chemical Corp.		
Land Owner:	KF Downtown, LLC		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NE	0.16	841.54	9.84	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	90-1B
WID:	3-1851-043
Well Name:	Merchant St
Old Name:	
Well Type:	
Well Use:	
Use:	ABNLOS
Year Drilled:	
Yr Drilled:	1939
	Init Head:
	Init Head2:
	Init Head3:
	Initial Head3:
	Latest HD:
	Max Chlor:
	Min Chlor:
	PIR:
	Pump Depth:

Wells and Additional Sources Detail Report

Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	10	Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	17	Pump MGD:	
Perf Case(Ft):	37	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	125
Bottom Hole Elev:	-30	Test Ddown:	3.1
Btm Perfor Cas Elev:	-27	Test Chlor:	
Btm Solid Cas Elev:	-7	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-016:002
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861111
Geology Division:	Other	Lat NAD83 (DD):	21.307222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	40	Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Wilcox Development		
Land Owner:	Lester K M & Lyvonne L W C Leu		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NE	0.16	841.54	9.84	WATER WELLS

Well No:	Init CL (MG/L):	2100
Old No:	90-1A	Init Head:
WID:	3-1851-042	Init Head2:
Well Name:	Merchant St	Init Head3:
Old Name:		Initial Head3:
Well Type:		Latest HD:
Well Use:		Max Chlor:
Use:	ABNLOS	Min Chlor:
Year Drilled:		PIR:
Yr Drilled:	1939	Pump Depth:
Casing Dia(Inch):	8	Pump Elev:

Wells and Additional Sources Detail Report

Ground El(Ft):	10	Pump GPM:	
Well Depth(Ft):	50	Pump GPM1:	
Solid Case(Ft):	22	Pump MGD:	
Perf Case(Ft):	40	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	125
Bottom Hole Elev:	-40	Test Ddown:	2.3
Btm Perfor Cas Elev:	-30	Test Chlor:	
Btm Solid Cas Elev:	-12	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-016:002
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861111
Geology Division:	Other	Lat NAD83 (DD):	21.307222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	54	Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Wilcox Development		
Land Owner:	Lester K M & Lyvonne L W C Leu		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SSE	0.16	854.05	3.28	WATER WELLS

Well No:	Init CL (MG/L):	98	
Old No:	94	Init Head:	27.8
WID:	3-1851-017	Init Head2:	
Well Name:	Pohukaina	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1900	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	5	Pump GPM:	

Wells and Additional Sources Detail Report

Well Depth(Ft):	1007	Pump GPM1:	
Solid Case(Ft):	803	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1002	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-798	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.862222
Geology Division:	Other	Lat NAD83 (DD):	21.301667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/2/1900		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Iron Works		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	NE	0.17	895.03	9.84	WATER WELLS

Well No:		Init CL (MG/L):	3290
Old No:	103-2A	Init Head:	3.7
WID:	3-1851-047	Init Head2:	
Well Name:	King St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	41	Pump GPM1:	

Wells and Additional Sources Detail Report

Solid Case(Ft):	22	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	75
Bottom Hole Elev:		Test Ddown:	0.3
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-011:009
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861667
Geology Division:	Other	Lat NAD83 (DD):	21.308333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	250	Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Walston & Co.		
Land Owner:	First Hawaiian Bank		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	NE	0.17	895.03	9.84	WATER WELLS

Well No:		Init CL (MG/L):	1360
Old No:	103-2B	Init Head:	3.6
WID:	3-1851-048	Init Head2:	
Well Name:	King St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	34	Pump MGD:	

Wells and Additional Sources Detail Report

Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	75
Bottom Hole Elev:		Test Ddown:	0.3
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-011:009
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861667
Geology Division:	Other	Lat NAD83 (DD):	21.308333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	250	Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Walston & Co.		
Land Owner:	First Hawaiian Bank		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	N	0.16	865.13	7.07	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-4	Init Head:	
WID:	3-1852-003	Init Head2:	
Well Name:	Ala Moana Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1947	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground EI(Ft):		Pump GPM:	
Well Depth(Ft):	52	Pump GPM1:	
Solid Case(Ft):	16	Pump MGD:	
Perf Case(Ft):		Pump Yr:	

Wells and Additional Sources Detail Report

Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	150
Bottom Hole Elev:		Test Ddown:	2.3
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-002:016
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.863889
Geology Division:	Other	Lat NAD83 (DD):	21.309167
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	65	Longitude:	
T:		Latitude:	
WCR:	1/1/1947		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:	Harbor Court Condo Master		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	NNE	0.20	1,035.64	13.12	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	104-1
WID:	3-1851-052
Well Name:	King St
Old Name:	
Well Type:	
Well Use:	
Use:	ABNLOS
Year Drilled:	
Yr Drilled:	1952
Casing Dia(Inch):	8
Ground El(Ft):	
Well Depth(Ft):	100
Solid Case(Ft):	100
Perf Case(Ft):	
Aquifer Code:	30102

Init Head:
Init Head2:
Init Head3:
Initial Head3:
Latest HD:
Max Chlor:
Min Chlor:
PIR:
Pump Depth:
Pump Elev:
Pump GPM:
Pump GPM1:
Pump MGD:
Pump Yr:
Test Date:

Wells and Additional Sources Detail Report

Aquifer Type:	Caprock	Test GPM:	148
Bottom Hole Elev:		Test Ddown:	0.6
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-012:015
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861667
Geology Division:	Other	Lat NAD83 (DD):	21.308889
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	247	Longitude:	
T:		Latitude:	
WCR:	1/1/1952		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Bank of Hawaii		
Land Owner:	Huamai Lani LLC		
Land Owner Name:			
Driller:	Samson/Smock		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	NNE	0.21	1,093.44	13.13	WATER WELLS

Well No:		Init CL (MG/L):
Old No:	90-3	Init Head:
WID:	3-1851-040	Init Head2:
Well Name:	Ft St Mall	Init Head3:
Old Name:		Initial Head3:
Well Type:		Latest HD:
Well Use:		Max Chlor:
Use:	ABNLOS	Min Chlor:
Year Drilled:		PIR:
Yr Drilled:	1938	Pump Depth:
Casing Dia(Inch):	6	Pump Elev:
Ground El(Ft):		Pump GPM:
Well Depth(Ft):	42	Pump GPM1:
Solid Case(Ft):	8	Pump MGD:
Perf Case(Ft):		Pump Yr:
Aquifer Code:	30102	Test Date:
Aquifer Type:	Caprock	Test GPM:

Wells and Additional Sources Detail Report

Bottom Hole Elev:	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev:	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-002:004
Five Vol Pump Time:	Quad Map: 13
Geology Code: Qcrs	Long NAD83 (DD): -157.862222
Geology Division: Other	Lat NAD83 (DD): 21.309444
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 1/1/1938	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: Easy Appliances	
Land Owner: Wal-Mart Stores Inc.	
Land Owner Name:	
Driller: Hobart	
Pump Installer:	
Surveyor:	
Geology Name: Calcareous reef rock	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	ESE	0.27	1,433.99	6.59	WATER WELLS

Well No:	Init CL (MG/L): 89
Old No: 95-	Init Head: 27.7
WID: 3-1851-018	Init Head2:
Well Name: American Brewery	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1900	Pump Depth:
Casing Dia(Inch): 8	Pump Elev:
Ground El(Ft): 8	Pump GPM:
Well Depth(Ft): 806	Pump GPM1:
Solid Case(Ft): 774	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -798	Test Ddown:

Wells and Additional Sources Detail Report

Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-766	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-031:021
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.859444
Geology Division:	Other	Lat NAD83 (DD):	21.303056
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	6/14/1994		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaii Housing Finance & Development Corporation, DBEDT-HHFDC		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	NNE	0.22	1,146.06	16.23	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	90-2	Init Head:	
WID:	3-1851-049	Init Head2:	
Well Name:	King St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1940	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	60	Pump GPM1:	
Solid Case(Ft):	21	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	

Wells and Additional Sources Detail Report

Btm Solid Cas Elev:	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-002:014
Five Vol Pump Time:	Quad Map: 13
Geology Code: Qcrs	Long NAD83 (DD): -157.8625
Geology Division: Other	Lat NAD83 (DD): 21.309722
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 1/1/1940	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: Royal Amusement	
Land Owner: David K.O.K.H.H. Marchant	
Land Owner Name:	
Driller: W. M. Mullin	
Pump Installer:	
Surveyor:	
Geology Name: Calcareous reef rock	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	NE	0.25	1,317.78	13.11	WATER WELLS

Well No:	Init CL (MG/L): 67
Old No: 104-	Init Head: 26.5
WID: 3-1851-023	Init Head2:
Well Name: Bishop St	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1901	Pump Depth:
Casing Dia(Inch): 10	Pump Elev:
Ground El(Ft): 15	Pump GPM:
Well Depth(Ft): 960	Pump GPM1:
Solid Case(Ft): 850	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -945	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -835	Test Temp:

Wells and Additional Sources Detail Report

Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK:
Five Vol Pump Time:	Quad Map: 13
Geology Code: QTKI	Long NAD83 (DD): -157.860556
Geology Division: Other	Lat NAD83 (DD): 21.308889
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 1/1/1901	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: Waikele Golf Club, Inc.	
Land Owner:	
Land Owner Name:	
Driller: L. McCandless	
Pump Installer:	
Surveyor:	
Geology Name: Lava flows, Ko'olau Basalt	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	E	0.28	1,476.36	9.84	WATER WELLS

Well No:	Init CL (MG/L): 55
Old No: 97-	Init Head: 30.8
WID: 3-1851-003	Init Head2:
Well Name: King St	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1882	Pump Depth:
Casing Dia(Inch): 5	Pump Elev:
Ground El(Ft): 14	Pump GPM:
Well Depth(Ft): 769	Pump GPM1:
Solid Case(Ft): 715	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -755	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -701	Test Temp:
Draft MGD:	Test Unit:

Wells and Additional Sources Detail Report

Draft MGY:	Island:	Oahu
Draft Yr:	TMK:	(1) 2-1-025:003
Five Vol Pump Time:	Quad Map:	13
Geology Code: QTKI	Long NAD83 (DD):	-157.858611
Geology Division: Other	Lat NAD83 (DD):	21.305278
Geology Status: Active	GPS:	FALSE
Head Feet:	UTM:	TRUE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR: 01/01/1882		
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User: State of Hawaii		
Land Owner: State of Hawaii		
Land Owner Name:		
Driller:		
Pump Installer:		
Surveyor:		
Geology Name: Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	ESE	0.31	1,621.04	6.56	WATER WELLS

Well No:	Init CL (MG/L):	
Old No: 95-1	Init Head:	1.5
WID: 3-1851-065	Init Head2:	
Well Name: Queen St	Init Head3:	
Old Name:	Initial Head3:	
Well Type: PER - Percussion	Latest HD:	
Well Use:	Max Chlor:	
Use: ABNSLD	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled: 1967	Pump Depth:	
Casing Dia(Inch): 8	Pump Elev:	
Ground El(Ft): 7	Pump GPM:	
Well Depth(Ft): 80	Pump GPM1:	
Solid Case(Ft): 12	Pump MGD:	
Perf Case(Ft):	Pump Yr:	
Aquifer Code: 30102	Test Date:	
Aquifer Type: Caprock	Test GPM:	275
Bottom Hole Elev: -73	Test Ddown:	0.7
Btm Perfor Cas Elev:	Test Chlor:	2100
Btm Solid Cas Elev: -5	Test Temp:	
Draft MGD:	Test Unit:	
Draft MGY:	Island:	Oahu

Wells and Additional Sources Detail Report

Draft Yr:	TMK:
Five Vol Pump Time:	Quad Map: 13
Geology Code: Qcrs	Long NAD83 (DD): -157.859028
Geology Division: Other	Lat NAD83 (DD): 21.302417
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac: 393	Longitude:
T:	Latitude:
WCR: 1/1/1967	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: K&Y Service	
Land Owner:	
Land Owner Name:	
Driller: Roscoe Moss Hawaii Inc	
Pump Installer:	
Surveyor:	
Geology Name: Calcareous reef rock	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	E	0.32	1,672.06	9.84	WATER WELLS

Well No:	Init CL (MG/L): 52
Old No: 96-	Init Head: 26.1
WID: 3-1851-009	Init Head2:
Well Name: Kawaihao Ch	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR: 9/1/1972
Yr Drilled: 1893	Pump Depth:
Casing Dia(Inch): 4	Pump Elev:
Ground El(Ft): 14	Pump GPM:
Well Depth(Ft): 765	Pump GPM1: 100
Solid Case(Ft): 715	Pump MGD: 0.144
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -751	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -701	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-032:017

Wells and Additional Sources Detail Report

Five Vol Pump Time:	Quad Map:	13
Geology Code: QTKI	Long NAD83 (DD):	-157.858056
Geology Division: Other	Lat NAD83 (DD):	21.305
Geology Status: Active	GPS:	FALSE
Head Feet:	UTM:	TRUE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR: 01/01/1893		
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User: Kawaiahao Church		
Land Owner:		
Land Owner Name:		
Driller: Pinkham		
Pump Installer:		
Surveyor:		
Geology Name: Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	ENE	0.32	1,690.12	18.38	WATER WELLS

Well No:	Init CL (MG/L):	43
Old No: 99-	Init Head:	25.2
WID: 3-1851-004	Init Head2:	
Well Name: Iolani Palace	Init Head3:	
Old Name:	Initial Head3:	
Well Type:	Latest HD:	
Well Use:	Max Chlor:	
Use: UNU	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled: 1882	Pump Depth:	
Casing Dia(Inch): 8	Pump Elev:	
Ground El(Ft): 18	Pump GPM:	
Well Depth(Ft): 762	Pump GPM1:	
Solid Case(Ft): 748	Pump MGD:	
Perf Case(Ft):	Pump Yr:	
Aquifer Code: 30102	Test Date:	
Aquifer Type: Basal	Test GPM:	
Bottom Hole Elev: -744	Test Ddown:	
Btm Perfor Cas Elev:	Test Chlor:	
Btm Solid Cas Elev: -730	Test Temp:	
Draft MGD:	Test Unit:	
Draft MGY:	Island:	Oahu
Draft Yr:	TMK:	(1) 2-1-025:002
Five Vol Pump Time:	Quad Map:	13

Wells and Additional Sources Detail Report

Geology Code:	QTKI	Long NAD83 (DD):	-157.858488
Geology Division:	Other	Lat NAD83 (DD):	21.307582
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1882		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	State of Hawaii, DLNR - Division of State Parks Oahu, DLNR-SP		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:			
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	E	0.34	1,794.43	9.84	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	Init Head: 19.17
WID: 3-1851-073	Init Head2:
Well Name: Kawaiahao Church	Init Head3:
Old Name:	Initial Head3:
Well Type: ROT - Rotary	Latest HD:
Well Use:	Max Chlor:
Use: IRRLA	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1986	Pump Depth:
Casing Dia(Inch): 9	Pump Elev:
Ground El(Ft): 13	Pump GPM:
Well Depth(Ft): 777	Pump GPM1:
Solid Case(Ft): 709	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date: 5/28/1986
Aquifer Type: Basal	Test GPM: 102
Bottom Hole Elev: -764	Test Ddown: 6
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -696	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-032:017
Five Vol Pump Time:	Quad Map: 13
Geology Code: QTKI	Long NAD83 (DD): -157.85775

Wells and Additional Sources Detail Report

Geology Division:	Other	Lat NAD83 (DD):	21.304611
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	17	Longitude:	
T:		Latitude:	
WCR:	5/22/1986		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Kawaihaho Church		
Land Owner:	Kawaihaho Church		
Land Owner Name:			
Driller:	Water Resources International, Inc.		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	ENE	0.34	1,812.59	16.40	WATER WELLS

Well No:	Init CL (MG/L):	966	
Old No:	99-1	Init Head:	3.6
WID:	3-1851-051	Init Head2:	
Well Name:	Iolani Palace	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1952	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	18	Pump GPM:	
Well Depth(Ft):	71	Pump GPM1:	
Solid Case(Ft):	24	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	300
Bottom Hole Elev:	-53	Test Ddown:	1.6
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-6	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-025:002
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.857778
Geology Division:	Other	Lat NAD83 (DD):	21.306667

Wells and Additional Sources Detail Report

Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	188	Longitude:	
T:		Latitude:	
WCR:	1/1/1952		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	State of Hawaii, DLNR - Division of State Parks Oahu, DLNR-SP		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	ENE	0.34	1,802.52	19.69	WATER WELLS

Well No:		Init CL (MG/L):	4030
Old No:	99-2	Init Head:	30
WID:	3-1851-061	Init Head2:	
Well Name:	State Capitol	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	IRRLA	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1963	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):	20	Pump GPM:	
Well Depth(Ft):	77	Pump GPM1:	
Solid Case(Ft):	25	Pump MGD:	
Perf Case(Ft):	71	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	1655
Bottom Hole Elev:	-57	Test Ddown:	27
Btm Perfor Cas Elev:	-51	Test Chlor:	7500
Btm Solid Cas Elev:	-5	Test Temp:	24.4
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-024:011
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.85825
Geology Division:	Other	Lat NAD83 (DD):	21.307833
Geology Status:	Active	GPS:	FALSE

Wells and Additional Sources Detail Report

Head Feet:		UTM:	TRUE
Spec Capac:	61	Longitude:	
T:		Latitude:	
WCR:	1/1/1963		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	State Dept. of Acc. & Gen. Serv. DAGS		
Land Owner:	Department of Land and Natural Resources, DLNR		
Land Owner Name:			
Driller:	Samson & Zerbe		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	NNE	0.33	1,720.90	19.69	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	100-	Init Head:	
WID:	3-1851-039	Init Head2:	
Well Name:	Hawaii Theatre	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1937	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	60	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	50
Bottom Hole Elev:		Test Ddown:	0.8
Btm Perfor Cas Elev:		Test Chlor:	181
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-003:014
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.861667
Geology Division:	Other	Lat NAD83 (DD):	21.311111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE

Wells and Additional Sources Detail Report

Spec Capac: 63 Longitude:
 T: Latitude:
 WCR: 1/1/1937
 Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: Consolidated Amusement Company
 Land Owner: Consolidated Amusement Company
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	NE	0.36	1,878.35	19.69	WATER WELLS

Well No:		Init CL (MG/L):	44
Old No:	105-	Init Head:	28.4
WID:	3-1851-030	Init Head2:	
Well Name:	Alakea St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1915	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	18	Pump GPM:	
Well Depth(Ft):	810	Pump GPM1:	
Solid Case(Ft):	706	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-792	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-688	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-010:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.859167
Geology Division:	Other	Lat NAD83 (DD):	21.309722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	

Wells and Additional Sources Detail Report

T: Latitude:
 WCR: 1/1/1915
 Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: Honolulu Merchandise Market
 Land Owner:
 Land Owner Name:
 Driller: L. McCandless
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	NE	0.38	1,984.48	19.69	WATER WELLS

Well No:		Init CL (MG/L):	48
Old No:	106-	Init Head:	26
WID:	3-1851-005	Init Head2:	
Well Name:	Alakea St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1882	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	20	Pump GPM:	
Well Depth(Ft):	636	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-616	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.858611
Geology Division:	Other	Lat NAD83 (DD):	21.309444
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	

Wells and Additional Sources Detail Report

WCR: 01/01/1882
 Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: K. M. Cooper
 Land Owner:
 Land Owner Name:
 Driller:
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	N	0.36	1,917.45	13.12	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	110-	Init Head:	
WID:	3-1852-001	Init Head2:	
Well Name:	Ala Moana Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1937	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	60	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-7-018:011
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.864042
Geology Division:	Other	Lat NAD83 (DD):	21.312061
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1937		

Wells and Additional Sources Detail Report

Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: MHDC Partners
 Land Owner: MHDC Partners
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	W	0.38	2,023.41	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	0.81
WID:	3-1852-008	Init Head2:	
Well Name:	Coast Guard Res	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	AGRAQ	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1971	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	8	Pump GPM:	
Well Depth(Ft):	80	Pump GPM1:	400
Solid Case(Ft):	32	Pump MGD:	0.576
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	6/23/1971
Aquifer Type:	Caprock	Test GPM:	900
Bottom Hole Elev:	-72	Test Ddown:	2.3
Btm Perfor Cas Elev:		Test Chlor:	19000
Btm Solid Cas Elev:	-24	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-041:002
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.871944
Geology Division:	Other	Lat NAD83 (DD):	21.304722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	391	Longitude:	
T:		Latitude:	
WCR:	1/1/1971		
Well Use Desc:			

Wells and Additional Sources Detail Report

Well Owner Name:
 Well Use Reporter Name:
 Owner User: Department of Land and Natural Resources, DLNR
 Land Owner: State of Hawaii
 Land Owner Name:
 Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	NE	0.37	1,940.72	19.69	WATER WELLS

Well No:		Init CL (MG/L):	139
Old No:	105-1	Init Head:	1.5
WID:	3-1851-041	Init Head2:	
Well Name:	Ft St Mall	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1938	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	21	Pump GPM:	
Well Depth(Ft):	46	Pump GPM1:	
Solid Case(Ft):	22	Pump MGD:	
Perf Case(Ft):	42	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	40
Bottom Hole Elev:	-25	Test Ddown:	2.3
Btm Perfor Cas Elev:	-21	Test Chlor:	150
Btm Solid Cas Elev:	-1	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-003:008
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.86
Geology Division:	Other	Lat NAD83 (DD):	21.310833
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	17	Longitude:	
T:		Latitude:	
WCR:	1/1/1938		
Well Use Desc:			
Well Owner Name:			

Wells and Additional Sources Detail Report

Well Use Reporter Name:
 Owner User: Fronk & Wynn
 Land Owner: Gerell Management Partners
 Land Owner Name:
 Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	SSW	0.38	2,020.43	3.28	WATER WELLS

Well No:		Init CL (MG/L):	14500
Old No:	93-1	Init Head:	
WID:	3-1852-002	Init Head2:	
Well Name:	Fort Armstrong	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	102	Pump GPM1:	
Solid Case(Ft):	40	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-015:009
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.867222
Geology Division:	Other	Lat NAD83 (DD):	21.298333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			

Wells and Additional Sources Detail Report

Owner User: State of Hawaii
 Land Owner: State of Hawaii, Department of Transportation, Harbors Division, DOT
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	ESE	0.43	2,259.25	6.45	WATER WELLS

Well No:	Init CL (MG/L):	90	
Old No:	92-	Init Head:	29.1
WID:	3-1851-021	Init Head2:	
Well Name:	Kawaiahao St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1901	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	791	Pump GPM1:	
Solid Case(Ft):	614	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-787	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-610	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-048:018
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.857222
Geology Division:	Other	Lat NAD83 (DD):	21.301944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1901		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Magoon Estate, Limited		

Wells and Additional Sources Detail Report

Land Owner:
 Land Owner Name:
 Driller: L. McCandless
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	NE	0.40	2,117.26	20.11	WATER WELLS

Well No:	Init CL (MG/L):	967	
Old No:	106-1A	Init Head:	1
WID:	3-1851-055	Init Head2:	
Well Name:	Alakea St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1958	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):	16	Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	3	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	250
Bottom Hole Elev:	-24	Test Ddown:	4
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	13	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-017:019
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.858333
Geology Division:	Other	Lat NAD83 (DD):	21.309722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	63	Longitude:	
T:		Latitude:	
WCR:	1/1/1958		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Am. Mutual Ins.		
Land Owner:	State of Hawaii		

Wells and Additional Sources Detail Report

Land Owner Name:
 Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	NE	0.40	2,117.26	20.11	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	106-1B	Init Head:	1
WID:	3-1851-056	Init Head2:	
Well Name:	Alakea St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1958	Pump Depth:	
Casing Dia(Inch):	24	Pump Elev:	
Ground El(Ft):	16	Pump GPM:	
Well Depth(Ft):	30	Pump GPM1:	
Solid Case(Ft):	3	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	75
Bottom Hole Elev:	-14	Test Ddown:	1
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	13	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-017:019
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.858333
Geology Division:	Other	Lat NAD83 (DD):	21.309722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	75	Longitude:	
T:		Latitude:	
WCR:	1/1/1958		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Am. Mutual Ins.		
Land Owner:	State of Hawaii		
Land Owner Name:			

Wells and Additional Sources Detail Report

Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	ENE	0.42	2,216.68	19.69	WATER WELLS

Well No:	Init CL (MG/L):
Old No: 99-3	Init Head:
WID: 3-1851-066	Init Head2:
Well Name: Beretania	Init Head3:
Old Name:	Initial Head3:
Well Type: ROT - Rotary	Latest HD:
Well Use:	Max Chlor:
Use: INDEL	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1967	Pump Depth:
Casing Dia(Inch):	Pump Elev:
Ground El(Ft): 20	Pump GPM:
Well Depth(Ft): 100	Pump GPM1:
Solid Case(Ft):	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Caprock	Test GPM: 1500
Bottom Hole Elev: -80	Test Ddown: 40
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev:	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-024:015
Five Vol Pump Time:	Quad Map: 13
Geology Code: Qcrs	Long NAD83 (DD): -157.856806
Geology Division: Other	Lat NAD83 (DD): 21.307528
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac: 38	Longitude:
T:	Latitude:
WCR: 1/1/1967	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: State of Hawaii	
Land Owner: Department of Land and Natural Resources, DLNR	
Land Owner Name:	
Driller: Layne International	

Wells and Additional Sources Detail Report

Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	E	0.42	2,243.79	13.12	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	97-1	Init Head:	
WID:	3-1851-044	Init Head2:	
Well Name:	Punchbowl St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	62	Pump GPM1:	
Solid Case(Ft):	40	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.856389
Geology Division:	Other	Lat NAD83 (DD):	21.306111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Medical Group		
Land Owner:			
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			

Wells and Additional Sources Detail Report

Surveyor:

Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	NE	0.41	2,156.67	19.69	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	105-2	Init Head:	
WID:	3-1851-050	Init Head2:	
Well Name:	Ft St Mall	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1940	Pump Depth:	
Casing Dia(Inch):	3	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	25.1	Pump GPM1:	
Solid Case(Ft):	6.5	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-003:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.859722
Geology Division:	Other	Lat NAD83 (DD):	21.311389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1940		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	W. A. Ramsey		
Land Owner:	Housing Solutions, Incorporated		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			

Wells and Additional Sources Detail Report

Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NNE	0.42	2,211.10	19.69	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	100-1	Init Head:	0.4
WID:	3-1851-037	Init Head2:	
Well Name:	Nuuanu Ave	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1936	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	24	Pump GPM:	
Well Depth(Ft):	52	Pump GPM1:	
Solid Case(Ft):	40	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	3
Bottom Hole Elev:	-28	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-16	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-003:026
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.860278
Geology Division:	Other	Lat NAD83 (DD):	21.311944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1936		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Chevron U.S.A. Inc.		
Land Owner:	CP Properties, Inc.		
Land Owner Name:			
Driller:	Hobart		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	WSW	0.50	2,613.74	3.28	WATER WELLS

Well No:		Init CL (MG/L):	22000
Old No:		Init Head:	-10.21
WID:	3-1852-010	Init Head2:	
Well Name:	Ocean Seafoods 1	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	
Well Use:		Max Chlor:	
Use:	AGRAQ	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1998	Pump Depth:	21
Casing Dia(Inch):	6	Pump Elev:	-10.7
Ground El(Ft):	10.3	Pump GPM:	
Well Depth(Ft):	63	Pump GPM1:	65
Solid Case(Ft):	20	Pump MGD:	0.093
Perf Case(Ft):	60	Pump Yr:	1998
Aquifer Code:	30103	Test Date:	3/4/1998
Aquifer Type:	Caprock	Test GPM:	125
Bottom Hole Elev:	-52.7	Test Ddown:	1.45
Btm Perfor Cas Elev:	-49.7	Test Chlor:	
Btm Solid Cas Elev:	-9.7	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:	81	Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-041:328
Five Vol Pump Time:	36.8052347538638	Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.873056
Geology Division:	Other	Lat NAD83 (DD):	21.302222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	4/25/2000		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Ocean Seafoods		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	Melvin E Lima (deceased)		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

99	ESE	0.55	2,909.28	6.56	WATER WELLS
Well No:			Init CL (MG/L):		80
Old No:		91-	Init Head:		24.9
WID:		3-1851-014	Init Head2:		
Well Name:		Kapiolani Blvd	Init Head3:		
Old Name:			Initial Head3:		
Well Type:			Latest HD:		
Well Use:			Max Chlor:		
Use:		ABNSLD	Min Chlor:		
Year Drilled:			PIR:		
Yr Drilled:		1897	Pump Depth:		
Casing Dia(Inch):		6	Pump Elev:		
Ground El(Ft):		9	Pump GPM:		
Well Depth(Ft):		691	Pump GPM1:		
Solid Case(Ft):		650	Pump MGD:		
Perf Case(Ft):			Pump Yr:		
Aquifer Code:		30102	Test Date:		
Aquifer Type:		Basal	Test GPM:		
Bottom Hole Elev:		-682	Test Ddown:		
Btm Perfor Cas Elev:			Test Chlor:		
Btm Solid Cas Elev:		-641	Test Temp:		
Draft MGD:			Test Unit:		
Draft MGY:			Island:		Oahu
Draft Yr:			TMK:		
Five Vol Pump Time:			Quad Map:		13
Geology Code:		QTKI	Long NAD83 (DD):		-157.855
Geology Division:		Other	Lat NAD83 (DD):		21.3025
Geology Status:		Active	GPS:		FALSE
Head Feet:			UTM:		TRUE
Spec Capac:			Longitude:		
T:			Latitude:		
WCR:		01/01/1897			
Well Use Desc:					
Well Owner Name:					
Well Use Reporter Name:					
Owner User:		City and County of Honolulu, C&CH			
Land Owner:					
Land Owner Name:					
Driller:		L. McCandless			
Pump Installer:					
Surveyor:					
Geology Name:		Lava flows, Ko'olau Basalt			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	S	0.53	2,803.08	6.63	WATER WELLS

Wells and Additional Sources Detail Report

Well No:		Init CL (MG/L):	18800
Old No:		Init Head:	
WID:	3-1752-002	Init Head2:	
Well Name:	Cooling 2	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	2005	Pump Depth:	48
Casing Dia(Inch):	32	Pump Elev:	-44
Ground El(Ft):	9	Pump GPM:	
Well Depth(Ft):	750	Pump GPM1:	3500
Solid Case(Ft):	100	Pump MGD:	5.04
Perf Case(Ft):	650	Pump Yr:	2005
Aquifer Code:	30102	Test Date:	1/7/2005
Aquifer Type:	Caprock	Test GPM:	5837
Bottom Hole Elev:	-741	Test Ddown:	2.6
Btm Perfor Cas Elev:	-641	Test Chlor:	
Btm Solid Cas Elev:	-91	Test Temp:	73.6
Draft MGD:		Test Unit:	F
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-060:009
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.864167
Geology Division:	Other	Lat NAD83 (DD):	21.295833
Geology Status:	Active	GPS:	TRUE
Head Feet:		UTM:	FALSE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:			
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	Hawaii Community Development Authority, HCDA		
Land Owner Name:			
Driller:	Blaise Clay (Water Resources International, Inc.)		
Pump Installer:	Blaise Clay (Water Resources International, Inc.)		
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	S	0.53	2,789.91	3.28	WATER WELLS

Wells and Additional Sources Detail Report

Well No:	Init CL (MG/L):	18500
Old No:	Init Head:	
WID: 3-1752-001	Init Head2:	
Well Name: Cooling 1	Init Head3:	
Old Name:	Initial Head3:	
Well Type: ROT - Rotary	Latest HD:	
Well Use:	Max Chlor:	
Use: INDEL	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled: 2005	Pump Depth:	48
Casing Dia(Inch): 32	Pump Elev:	-44
Ground El(Ft): 8	Pump GPM:	
Well Depth(Ft): 750	Pump GPM1:	3500
Solid Case(Ft): 100	Pump MGD:	5.04
Perf Case(Ft): 650	Pump Yr:	2005
Aquifer Code: 30102	Test Date:	1/14/2005
Aquifer Type: Caprock	Test GPM:	7084
Bottom Hole Elev: -742	Test Ddown:	4.8
Btm Perfor Cas Elev: -642	Test Chlor:	
Btm Solid Cas Elev: -92	Test Temp:	73.8
Draft MGD:	Test Unit:	F
Draft MGY:	Island:	Oahu
Draft Yr:	TMK:	(1) 2-1-060:009
Five Vol Pump Time:	Quad Map:	13
Geology Code: Qcrs	Long NAD83 (DD):	-157.864722
Geology Division: Other	Lat NAD83 (DD):	21.295833
Geology Status: Active	GPS:	TRUE
Head Feet:	UTM:	FALSE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR:		
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User: Honolulu Board of Water Supply, BWS		
Land Owner: Hawaii Community Development Authority, HCDA		
Land Owner Name:		
Driller: Blaise Clay (Water Resources International, Inc.)		
Pump Installer: Blaise Clay (Water Resources International, Inc.)		
Surveyor:		
Geology Name: Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	ESE	0.58	3,045.22	3.28	WATER WELLS

Well No:	Init CL (MG/L):	95
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Wells and Additional Sources Detail Report

Old No:	89-	Init Head:	27.8
WID:	3-1851-026	Init Head2:	
Well Name:	Kapiolani Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1910	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	6	Pump GPM:	
Well Depth(Ft):	725	Pump GPM1:	
Solid Case(Ft):	659	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	800
Bottom Hole Elev:	-719	Test Ddown:	6
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-653	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-049:053
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKl	Long NAD83 (DD):	-157.855079
Geology Division:	Other	Lat NAD83 (DD):	21.301106
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	133	Longitude:	
T:		Latitude:	
WCR:	1/1/1910		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Business Invest LTD		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	NNW	0.58	3,057.51	3.28	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	Init Head:

Wells and Additional Sources Detail Report

WID:	3-1952-037	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1972	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	109	Pump GPM1:	
Solid Case(Ft):	43	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	10/13/1972
Aquifer Type:	Caprock	Test GPM:	22
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-039:012
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.868611
Geology Division:	Other	Lat NAD83 (DD):	21.313889
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	10/13/1972		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Pacific Fishing & Supply, Inc		
Land Owner:	Pacific Fishing & Supply, Inc		
Land Owner Name:			
Driller:	Continental Drilling Hawaii, Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
109	NE	0.57	3,034.49	29.51	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	107-
WID:	3-1851-016
	Init Head:
	Init Head2:

Wells and Additional Sources Detail Report

Well Name:	Central School	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1889	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	28	Pump GPM:	
Well Depth(Ft):	1007	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-979	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.856944
Geology Division:	Other	Lat NAD83 (DD):	21.312222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1889		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	City and County of Honolulu, C&CH		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
112	E	0.60	3,185.49	13.35	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	21
WID:	3-1851-074	Init Head2:	
Well Name:	Beretania Station 1	Init Head3:	

Wells and Additional Sources Detail Report

Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1988	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):	19	Pump GPM:	
Well Depth(Ft):	598	Pump GPM1:	
Solid Case(Ft):	498	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	9/26/1988
Aquifer Type:	Basal	Test GPM:	1400
Bottom Hole Elev:	-579	Test Ddown:	1.9
Btm Perfor Cas Elev:		Test Chlor:	66
Btm Solid Cas Elev:	-479	Test Temp:	21.5
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.853611
Geology Division:	Other	Lat NAD83 (DD):	21.306111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	737	Longitude:	
T:		Latitude:	
WCR:	9/9/1988		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	Water Resources International, Inc.		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
115	E	0.62	3,279.85	16.54	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	T85-	Init Head:	26.9
WID:	3-1851-057	Init Head2:	
Well Name:	Beretania Deep Monitor	Init Head3:	
Old Name:		Initial Head3:	

Wells and Additional Sources Detail Report

Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	OBSDM	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1960	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	23	Pump GPM:	
Well Depth(Ft):	1509	Pump GPM1:	0
Solid Case(Ft):	450	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1486	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-427	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.853333
Geology Division:	Other	Lat NAD83 (DD):	21.306111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1960		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	Honolulu Board of Water Supply, BWS		
Land Owner Name:			
Driller:	Goodfellow Construction, Inc. Corporate		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
118	E	0.64	3,365.69	16.41	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	22.9
WID:	3-1851-075	Init Head2:	
Well Name:	Beretania Station 2	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	

Wells and Additional Sources Detail Report

Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1989	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):	18	Pump GPM:	
Well Depth(Ft):	625	Pump GPM1:	
Solid Case(Ft):	523	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	5/12/1989
Aquifer Type:	Basal	Test GPM:	1400
Bottom Hole Elev:	-607	Test Ddown:	2.2
Btm Perfor Cas Elev:		Test Chlor:	102
Btm Solid Cas Elev:	-505	Test Temp:	20.4
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.853056
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	636	Longitude:	
T:		Latitude:	
WCR:	5/14/1989		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	Water Resources International, Inc.		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
120	ENE	0.64	3,378.12	35.79	WATER WELLS

Well No:		Init CL (MG/L):	49
Old No:	98-	Init Head:	27.1
WID:	3-1851-011	Init Head2:	
Well Name:	Queens Hosp	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	

Wells and Additional Sources Detail Report

Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1894	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	24	Pump GPM:	
Well Depth(Ft):	521	Pump GPM1:	
Solid Case(Ft):	419	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-497	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-395	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.853333
Geology Division:	Other	Lat NAD83 (DD):	21.307778
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1894		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	The Queens Medical Center		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
121	ENE	0.64	3,387.51	29.49	WATER WELLS

Well No:		Init CL (MG/L):	35
Old No:	108-	Init Head:	23.2
WID:	3-1851-007	Init Head2:	
Well Name:	Pacific Club	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	IRRLA	Min Chlor:	

Wells and Additional Sources Detail Report

Year Drilled:		PIR:	
Yr Drilled:	1884	Pump Depth:	
Casing Dia(Inch):	3	Pump Elev:	
Ground El(Ft):	28	Pump GPM:	
Well Depth(Ft):	560	Pump GPM1:	35
Solid Case(Ft):	498	Pump MGD:	0.05
Perf Case(Ft):		Pump Yr:	1985
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-532	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-470	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-019:014
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.854611
Geology Division:	Other	Lat NAD83 (DD):	21.310694
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1884		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	The Pacific Club		
Land Owner:	The Pacific Club		
Land Owner Name:			
Driller:	Ashley		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
122	ENE	0.65	3,407.18	39.01	WATER WELLS

Well No:		Init CL (MG/L):	41
Old No:	98-1	Init Head:	28.5
WID:	3-1851-054	Init Head2:	
Well Name:	Queens Hospital	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNPR	Min Chlor:	
Year Drilled:		PIR:	

Wells and Additional Sources Detail Report

Yr Drilled:	1958	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	34	Pump GPM:	
Well Depth(Ft):	460	Pump GPM1:	750
Solid Case(Ft):	356	Pump MGD:	1.08
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-426	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-322	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-035:003
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.853651
Geology Division:	Other	Lat NAD83 (DD):	21.308995
Geology Status:	Active	GPS:	TRUE
Head Feet:		UTM:	FALSE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1958		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	The Queens Medical Center		
Land Owner:	The Queens Medical Center		
Land Owner Name:			
Driller:	Goodfellow Construction, Inc. Corporate		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	ESE	0.66	3,503.35	8.93	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	85-2
WID:	3-1851-064
Well Name:	King St
Old Name:	
Well Type:	PER - Percussion
Well Use:	
Use:	ABNSLD
Year Drilled:	
Yr Drilled:	1967
	Init Head:
	Init Head2:
	Init Head3:
	Initial Head3:
	Latest HD:
	Max Chlor:
	Min Chlor:
	PIR:
	Pump Depth:

Wells and Additional Sources Detail Report

Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	91	Pump GPM1:	
Solid Case(Ft):	27	Pump MGD:	
Perf Case(Ft):	35	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	200
Bottom Hole Elev:	-84	Test Ddown:	0.3
Btm Perfor Cas Elev:	-28	Test Chlor:	
Btm Solid Cas Elev:	-20	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-044:038
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.853056
Geology Division:	Other	Lat NAD83 (DD):	21.302778
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	667	Longitude:	
T:		Latitude:	
WCR:	1/1/1967		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Berts Service		
Land Owner:	ABL Hamakua LLC		
Land Owner Name:			
Driller:	Roscoe Moss Hawaii Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
127	E	0.66	3,470.38	19.52	WATER WELLS

Well No:	Init CL (MG/L):	75	
Old No:	87-	Init Head:	31.2
WID:	3-1851-020	Init Head2:	
Well Name:	Beretania St.	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1901	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	

Wells and Additional Sources Detail Report

Ground El(Ft):	19	Pump GPM:	
Well Depth(Ft):	576	Pump GPM1:	
Solid Case(Ft):	532	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-557	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-513	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-042:011
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.304722
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1901		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Mas Transit, Ltd.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	88-C	Init Head:	28
WID:	3-1851-031	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1924	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	20	Pump GPM:	

Wells and Additional Sources Detail Report

Well Depth(Ft):	600	Pump GPM1:	
Solid Case(Ft):	489	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-580	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-469	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1924		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	88-E
WID:	3-1851-033
Well Name:	Beretania P Station
Old Name:	
Well Type:	
Well Use:	
Use:	MUNCO
Year Drilled:	
Yr Drilled:	1926
Casing Dia(Inch):	12
Ground El(Ft):	14
Well Depth(Ft):	533
	Init Head:
	23.6
	Init Head2:
	Init Head3:
	Initial Head3:
	Latest HD:
	Max Chlor:
	Min Chlor:
	PIR:
	Pump Depth:
	Pump Elev:
	Pump GPM:
	Pump GPM1:

Wells and Additional Sources Detail Report

Solid Case(Ft):	479	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-519	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-465	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1926		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	G B Primmer		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	88-D
WID:	3-1851-032
Well Name:	Beretania P Station
Old Name:	
Well Type:	
Well Use:	
Use:	ABNSLD
Year Drilled:	
Yr Drilled:	1924
Casing Dia(Inch):	12
Ground El(Ft):	20
Well Depth(Ft):	600
Solid Case(Ft):	489
	Init Head:
	27.8
	Init Head2:
	Init Head3:
	Initial Head3:
	Latest HD:
	Max Chlor:
	Min Chlor:
	PIR:
	Pump Depth:
	Pump Elev:
	Pump GPM:
	Pump GPM1:
	Pump MGD:

Wells and Additional Sources Detail Report

Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-580	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-469	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1924		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	Honolulu Board of Water Supply, BWS		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	88-A	Init Head:	26.9
WID:	3-1851-024	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1910	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground EI(Ft):	20	Pump GPM:	
Well Depth(Ft):	616	Pump GPM1:	
Solid Case(Ft):	487	Pump MGD:	
Perf Case(Ft):		Pump Yr:	

Wells and Additional Sources Detail Report

Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-596	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-467	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Tk	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1910		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Kula Volcanics (Stearns)		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:		Init CL (MG/L):	47
Old No:	88-G	Init Head:	23.3
WID:	3-1851-035	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1926	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	15	Pump GPM:	
Well Depth(Ft):	566	Pump GPM1:	
Solid Case(Ft):	488	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	

Wells and Additional Sources Detail Report

Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-551	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-473	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKl	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1926		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	G B Primmer		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:	Init CL (MG/L):	55	
Old No:	88-F	Init Head:	23.6
WID:	3-1851-034	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1926	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):	14	Pump GPM:	
Well Depth(Ft):	636	Pump GPM1:	
Solid Case(Ft):	484	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	

Wells and Additional Sources Detail Report

Bottom Hole Elev:	-622	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-470	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1926		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	G B Primmer		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	88-B
WID:	3-1851-025
Well Name:	Beretania P Station
Old Name:	
Well Type:	
Well Use:	
Use:	ABNSLD
Year Drilled:	
Yr Drilled:	1910
Casing Dia(Inch):	12
Ground El(Ft):	17
Well Depth(Ft):	617
Solid Case(Ft):	495
Perf Case(Ft):	
Aquifer Code:	30102
Aquifer Type:	Basal
Bottom Hole Elev:	-600
	Init Head:
	27.7
	Init Head2:
	Init Head3:
	Initial Head3:
	Latest HD:
	Max Chlor:
	Min Chlor:
	PIR:
	Pump Depth:
	Pump Elev:
	Pump GPM:
	Pump GPM1:
	Pump MGD:
	Pump Yr:
	Test Date:
	Test GPM:
	Test Ddown:

Wells and Additional Sources Detail Report

Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-478	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1910		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	88-1	Init Head:	
WID:	3-1851-013	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1895	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	22	Pump GPM:	
Well Depth(Ft):	616	Pump GPM1:	
Solid Case(Ft):	499	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-594	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	

Wells and Additional Sources Detail Report

Btm Solid Cas Elev:	-477	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-036:004
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.852778
Geology Division:	Other	Lat NAD83 (DD):	21.305556
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1895		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	88-H	Init Head:	32
WID:	3-1851-012	Init Head2:	
Well Name:	Beretania P Station	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	MUNCO	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1895	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	21	Pump GPM:	
Well Depth(Ft):	580	Pump GPM1:	17450
Solid Case(Ft):	499	Pump MGD:	25.128
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-559	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-478	Test Temp:	

Wells and Additional Sources Detail Report

Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-036:004
Five Vol Pump Time:	Quad Map: 13
Geology Code: QTKI	Long NAD83 (DD): -157.852778
Geology Division: Other	Lat NAD83 (DD): 21.305556
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 01/01/1895	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: Honolulu Board of Water Supply, BWS	
Land Owner: State of Hawaii	
Land Owner Name:	
Driller: L. McCandless	
Pump Installer:	
Surveyor:	
Geology Name: Lava flows, Ko'olau Basalt	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	E	0.66	3,460.30	20.11	WATER WELLS

Well No:	Init CL (MG/L):
Old No: 88-J	Init Head: 3
WID: 3-1851-067	Init Head2:
Well Name: Beretamia P Station	Init Head3:
Old Name: Beretania Obs	Initial Head3:
Well Type: ROT - Rotary	Latest HD:
Well Use:	Max Chlor:
Use: MUNCO	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1968	Pump Depth:
Casing Dia(Inch): 20	Pump Elev:
Ground El(Ft): 18	Pump GPM:
Well Depth(Ft): 619	Pump GPM1: 0
Solid Case(Ft): 484	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -601	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -466	Test Temp:
Draft MGD:	Test Unit:

Wells and Additional Sources Detail Report

Draft MGY:	Island:	Oahu
Draft Yr:	TMK:	(1) 2-1-036:004
Five Vol Pump Time:	Quad Map:	13
Geology Code: TKB	Long NAD83 (DD):	-157.852778
Geology Division: Other	Lat NAD83 (DD):	21.305556
Geology Status: Active	GPS:	FALSE
Head Feet:	UTM:	TRUE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR: 1/1/1968		
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User: Honolulu Board of Water Supply, BWS		
Land Owner: State of Hawaii		
Land Owner Name:		
Driller: Layne International		
Pump Installer:		
Surveyor:		
Geology Name: Lava flows, Ko'olau Volcanics (Stearns)		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
130	E	0.66	3,506.63	13.65	WATER WELLS

Well No:	Init CL (MG/L):	56
Old No: 86-	Init Head:	27.2
WID: 3-1851-008	Init Head2:	
Well Name: Hotel St	Init Head3:	
Old Name:	Initial Head3:	
Well Type:	Latest HD:	
Well Use:	Max Chlor:	
Use: ABNSLD	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled: 1889	Pump Depth:	
Casing Dia(Inch): 8	Pump Elev:	
Ground El(Ft): 19	Pump GPM:	
Well Depth(Ft): 648	Pump GPM1:	
Solid Case(Ft): 584	Pump MGD:	
Perf Case(Ft):	Pump Yr:	
Aquifer Code: 30102	Test Date:	
Aquifer Type: Basal	Test GPM:	
Bottom Hole Elev: -629	Test Ddown:	
Btm Perfor Cas Elev:	Test Chlor:	
Btm Solid Cas Elev: -565	Test Temp:	
Draft MGD:	Test Unit:	
Draft MGY:	Island:	Oahu

Wells and Additional Sources Detail Report

Draft Yr:	TMK:
Five Vol Pump Time:	Quad Map: 13
Geology Code: QTKI	Long NAD83 (DD): -157.852778
Geology Division: Other	Lat NAD83 (DD): 21.303889
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 01/01/1889	
Well Use Desc:	
Well Owner Name:	
Well Use Reporter Name:	
Owner User: City and County of Honolulu, C&CH	
Land Owner: City and County of Honolulu, C&CH	
Land Owner Name:	
Driller: L. McCandless	
Pump Installer:	
Surveyor:	
Geology Name: Lava flows, Ko'olau Basalt	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
132	ESE	0.68	3,564.62	6.56	WATER WELLS

Well No:	Init CL (MG/L): 48
Old No: 85-1	Init Head: 25.9
WID: 3-1851-059	Init Head2:
Well Name: King St	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1960	Pump Depth:
Casing Dia(Inch): 4	Pump Elev:
Ground El(Ft): 8	Pump GPM:
Well Depth(Ft): 678	Pump GPM1:
Solid Case(Ft): 607	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -670	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -599	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-045:017

Wells and Additional Sources Detail Report

Five Vol Pump Time:	Quad Map:	13
Geology Code: QTKI	Long NAD83 (DD):	-157.853056
Geology Division: Other	Lat NAD83 (DD):	21.302222
Geology Status: Active	GPS:	FALSE
Head Feet:	UTM:	TRUE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR: 1/1/1960		
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User: Spuds Laundry		
Land Owner:		
Land Owner Name:		
Driller: Goodfellow Construction, Inc. Corporate		
Pump Installer:		
Surveyor:		
Geology Name: Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
133	ESE	0.68	3,615.97	3.28	WATER WELLS

Well No:	Init CL (MG/L):	70
Old No: 85-	Init Head:	28.3
WID: 3-1851-015	Init Head2:	
Well Name: Ward Ave	Init Head3:	
Old Name:	Initial Head3:	
Well Type:	Latest HD:	
Well Use:	Max Chlor:	
Use: ABNSLD	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled: 1898	Pump Depth:	
Casing Dia(Inch): 8	Pump Elev:	
Ground El(Ft): 5	Pump GPM:	
Well Depth(Ft): 734	Pump GPM1:	
Solid Case(Ft): 602	Pump MGD:	
Perf Case(Ft):	Pump Yr:	
Aquifer Code: 30102	Test Date:	
Aquifer Type: Basal	Test GPM:	
Bottom Hole Elev: -729	Test Ddown:	
Btm Perfor Cas Elev:	Test Chlor:	
Btm Solid Cas Elev: -597	Test Temp:	
Draft MGD:	Test Unit:	
Draft MGY:	Island:	Oahu
Draft Yr:	TMK:	(1) 2-1-044:039
Five Vol Pump Time:	Quad Map:	13

Wells and Additional Sources Detail Report

Geology Code:	QTKI	Long NAD83 (DD):	-157.853333
Geology Division:	Other	Lat NAD83 (DD):	21.301111
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1898		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaiian Electric Company, Inc., HECO		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
139	NNW	0.71	3,738.80	3.28	WATER WELLS

Well No:		Init CL (MG/L):	17000
Old No:	117-3	Init Head:	
WID:	3-1952-032	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1957	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	750
Bottom Hole Elev:		Test Ddown:	1.5
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-010:013
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.87

Wells and Additional Sources Detail Report

Geology Division:	Other	Lat NAD83 (DD):	21.315278
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	500	Longitude:	
T:		Latitude:	
WCR:	1/1/1957		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:	Castle & Cooke Commercial, Inc.		
Land Owner Name:			
Driller:	Samson/Smock		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
141	NNW	0.70	3,716.67	3.28	WATER WELLS

Well No:	Init CL (MG/L):	17000	
Old No:	117-4	Init Head:	
WID:	3-1952-033	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1978	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-010:013
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.868889
Geology Division:	Other	Lat NAD83 (DD):	21.315833

Wells and Additional Sources Detail Report

Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:	0	Latitude:	
WCR:	1/1/1978		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:	Castle & Cooke Commercial, Inc.		
Land Owner Name:			
Driller:	Roscoe Moss Hawaii Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
142	NNW	0.71	3,771.29	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	117-2	Init Head:	
WID:	3-1952-031	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1954	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	42	Pump GPM1:	
Solid Case(Ft):	20	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-010:013
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.869722
Geology Division:	Other	Lat NAD83 (DD):	21.315556
Geology Status:	Active	GPS:	FALSE

Wells and Additional Sources Detail Report

Head Feet:	UTM:	TRUE
Spec Capac:	Longitude:	
T:	Latitude:	
WCR:	1/1/1954	
Well Use Desc:		
Well Owner Name:		
Well Use Reporter Name:		
Owner User:	Castle & Cooke, Inc.	
Land Owner:	Castle & Cooke Commercial, Inc.	
Land Owner Name:		
Driller:	Samson/Smock	
Pump Installer:		
Surveyor:		
Geology Name:	Calcareous reef rock	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
144	SSE	0.70	3,701.44	3.28	WATER WELLS

Well No:	Init CL (MG/L):	16100	
Old No:	92-1	Init Head:	
WID:	3-1751-001	Init Head2:	
Well Name:	Haw Tuna Pack	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	142	Pump GPM1:	700
Solid Case(Ft):	7	Pump MGD:	1.008
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-058:129
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.858889
Geology Division:	Other	Lat NAD83 (DD):	21.294444
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE

Wells and Additional Sources Detail Report

Spec Capac: Longitude:
 T: Latitude:
 WCR: 1/1/1939
 Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: Hawaiian Tuna Packers
 Land Owner: Office of Hawaiian Affairs, OHA
 Land Owner Name:
 Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
144	SSE	0.70	3,701.44	3.28	WATER WELLS

Well No:		Init CL (MG/L):	15700
Old No:	92-2	Init Head:	
WID:	3-1751-002	Init Head2:	
Well Name:	Haw Tuna Pack	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1949	Pump Depth:	
Casing Dia(Inch):	12	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	150	Pump GPM1:	1400
Solid Case(Ft):	62	Pump MGD:	2.016
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-058:129
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.858889
Geology Division:	Other	Lat NAD83 (DD):	21.294444
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	

Wells and Additional Sources Detail Report

T: Latitude:
WCR: 1/1/1949
Well Use Desc:
Well Owner Name:
Well Use Reporter Name:
Owner User: Hawaiian Tuna Packers
Land Owner: Office of Hawaiian Affairs, OHA
Land Owner Name:
Driller: W. M. Mullin
Pump Installer:
Surveyor:
Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
145	E	0.72	3,803.48	15.98	WATER WELLS

Well No:		Init CL (MG/L):	38
Old No:	80-	Init Head:	29
WID:	3-1851-036	Init Head2:	
Well Name:	Hotel St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1936	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	15	Pump GPM:	
Well Depth(Ft):	700	Pump GPM1:	
Solid Case(Ft):	603	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-685	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-588	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.851944
Geology Division:	Other	Lat NAD83 (DD):	21.303611
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	

Wells and Additional Sources Detail Report

WCR: 1/1/1936
 Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: Hawaiian Juice Industries
 Land Owner:
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
147	ESE	0.74	3,882.85	3.28	WATER WELLS

Well No:	Init CL (MG/L):
Old No: 86-1	Init Head:
WID: 3-1851-058	Init Head2:
Well Name: Kapiolani Myers	Init Head3:
Old Name:	Initial Head3:
Well Type:	Latest HD:
Well Use:	Max Chlor:
Use: ABNSLD	Min Chlor:
Year Drilled:	PIR:
Yr Drilled: 1960	Pump Depth:
Casing Dia(Inch): 6	Pump Elev:
Ground El(Ft): 6	Pump GPM:
Well Depth(Ft): 710	Pump GPM1:
Solid Case(Ft): 640	Pump MGD:
Perf Case(Ft):	Pump Yr:
Aquifer Code: 30102	Test Date:
Aquifer Type: Basal	Test GPM:
Bottom Hole Elev: -704	Test Ddown:
Btm Perfor Cas Elev:	Test Chlor:
Btm Solid Cas Elev: -634	Test Temp:
Draft MGD:	Test Unit:
Draft MGY:	Island: Oahu
Draft Yr:	TMK: (1) 2-1-044:008
Five Vol Pump Time:	Quad Map: 13
Geology Code: QTKI	Long NAD83 (DD): -157.852778
Geology Division: Other	Lat NAD83 (DD): 21.300278
Geology Status: Active	GPS: FALSE
Head Feet:	UTM: TRUE
Spec Capac:	Longitude:
T:	Latitude:
WCR: 1/1/1960	

Wells and Additional Sources Detail Report

Well Use Desc:
 Well Owner Name:
 Well Use Reporter Name:
 Owner User: Myers/Daiichi Midtown Par
 Land Owner:
 Land Owner Name:
 Driller: Goodfellow Construction, Inc. Corporate
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	NNW	0.75	3,983.96	6.43	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	114-A	Init Head:	
WID:	3-1952-026	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1950	Pump Depth:	
Casing Dia(Inch):	18	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	36	Pump GPM1:	600
Solid Case(Ft):		Pump MGD:	0.864
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:003
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.869444
Geology Division:	Other	Lat NAD83 (DD):	21.316389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1950		
Well Use Desc:			

Wells and Additional Sources Detail Report

Well Owner Name:
 Well Use Reporter Name:
 Owner User: PAMCAH-UA Local 675 Pension Fund
 Land Owner: PAMCAH-UA Local 675 Pension Fund
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	NNW	0.75	3,983.96	6.43	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	114-B	Init Head:	
WID:	3-1952-027	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1950	Pump Depth:	
Casing Dia(Inch):	18	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	35	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:003
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.869444
Geology Division:	Other	Lat NAD83 (DD):	21.316389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1950		
Well Use Desc:			
Well Owner Name:			

Wells and Additional Sources Detail Report

Well Use Reporter Name:
 Owner User: PAMCAH-UA Local 675 Pension Fund
 Land Owner: PAMCAH-UA Local 675 Pension Fund
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	NNW	0.75	3,983.96	6.43	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	114-C	Init Head:	
WID:	3-1952-028	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1950	Pump Depth:	
Casing Dia(Inch):	18	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	35	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:003
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.869444
Geology Division:	Other	Lat NAD83 (DD):	21.316389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1950		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			

Wells and Additional Sources Detail Report

Owner User: PAMCAH-UA Local 675 Pension Fund
 Land Owner: PAMCAH-UA Local 675 Pension Fund
 Land Owner Name:
 Driller: W. M. Mullin
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
153	NNW	0.77	4,066.86	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:	117-1	Init Head:	
WID:	3-1952-029	Init Head2:	
Well Name:	Kapalama Battery	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1951	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	40	Pump GPM1:	
Solid Case(Ft):	37	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-010:010
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.870833
Geology Division:	Other	Lat NAD83 (DD):	21.315833
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1951		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		

Wells and Additional Sources Detail Report

Land Owner: Castle & Cooke Commercial, Inc.
 Land Owner Name:
 Driller: Samson/Smock
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	ESE	0.80	4,243.63	3.28	WATER WELLS

Well No:		Init CL (MG/L):	2350
Old No:		Init Head:	
WID:	3-1851-063	Init Head2:	
Well Name:	Blaisdell Center	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1967	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	80	Pump GPM1:	700
Solid Case(Ft):	28	Pump MGD:	1.008
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-3-008:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.851667
Geology Division:	Other	Lat NAD83 (DD):	21.300278
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1967		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	C&C Honolulu Dept. of Enterprise Services		
Land Owner:	City and County of Honolulu, C&CH		

Wells and Additional Sources Detail Report

Land Owner Name:
 Driller: Layne International
 Pump Installer:
 Surveyor:
 Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
159	N	0.78	4,137.79	6.56	WATER WELLS

Well No:		Init CL (MG/L):	187
Old No:	113-	Init Head:	30.1
WID:	3-1952-003	Init Head2:	
Well Name:	Dillingham Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1900	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	5	Pump GPM:	
Well Depth(Ft):	530	Pump GPM1:	
Solid Case(Ft):	478	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-525	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-473	Test Temp:	22.5
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-007:055
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.865556
Geology Division:	Other	Lat NAD83 (DD):	21.318056
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/2/1900		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Foodmaker, Inc.		
Land Owner:	Foodmaker, Inc.		
Land Owner Name:			

Wells and Additional Sources Detail Report

Driller: Pinkham
 Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
161	NNW	0.81	4,251.61	6.56	WATER WELLS

Well No:		Init CL (MG/L):	170
Old No:	114-	Init Head:	28.2
WID:	3-1952-012	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1920	Pump Depth:	
Casing Dia(Inch):	9	Pump Elev:	
Ground El(Ft):	6	Pump GPM:	
Well Depth(Ft):	599	Pump GPM1:	900
Solid Case(Ft):	528	Pump MGD:	1.296
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-593	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-522	Test Temp:	22.7
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.869444
Geology Division:	Other	Lat NAD83 (DD):	21.317222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1920		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Iwilei Business Center Ltd Cond Master		
Land Owner:	Iwilei Business Center Ltd Cond Master		
Land Owner Name:			
Driller:	L. McCandless		

Wells and Additional Sources Detail Report

Pump Installer:
 Surveyor:
 Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
162	NNE	0.78	4,120.83	29.46	WATER WELLS

Well No:		Init CL (MG/L):	55
Old No:	109-	Init Head:	31.4
WID:	3-1951-001	Init Head2:	
Well Name:	Botanic Garden	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1883	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	35	Pump GPM:	
Well Depth(Ft):	767	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-732	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-7-008:002
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.857778
Geology Division:	Other	Lat NAD83 (DD):	21.316667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1883		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	C&C Honolulu Dept. of Parks and Recreation, DPR		
Land Owner:			
Land Owner Name:			
Driller:			
Pump Installer:			

Wells and Additional Sources Detail Report

Surveyor:

Geology Name: Lava flows, Ko'olau Basalt

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
165	ESE	0.83	4,376.94	13.12	WATER WELLS

Well No:		Init CL (MG/L):	470
Old No:	82-1	Init Head:	6
WID:	3-1851-060	Init Head2:	
Well Name:	Ward Ave	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1962	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	16	Pump GPM:	
Well Depth(Ft):	180	Pump GPM1:	
Solid Case(Ft):	160	Pump MGD:	
Perf Case(Ft):	180	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	115
Bottom Hole Elev:	-164	Test Ddown:	4
Btm Perfor Cas Elev:	-164	Test Chlor:	
Btm Solid Cas Elev:	-144	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-043:011
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.850556
Geology Division:	Other	Lat NAD83 (DD):	21.302222
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	29	Longitude:	
T:		Latitude:	
WCR:	1/1/1962		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Straub Clinic & Hospital		
Land Owner:	Straub Clinic & Hospital		
Land Owner Name:			
Driller:	Samson & Zerbe		
Pump Installer:			
Surveyor:			

Wells and Additional Sources Detail Report

Geology Name: Calcareous reef rock

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	NNW	0.83	4,398.39	3.28	WATER WELLS

Well No:	Init CL (MG/L):	13000	
Old No:	119-1	Init Head:	
WID:	3-1952-024	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1947	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	80	Pump GPM1:	
Solid Case(Ft):	54	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	2000
Bottom Hole Elev:		Test Ddown:	5
Btm Perfor Cas Elev:		Test Chlor:	16600
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.871667
Geology Division:	Other	Lat NAD83 (DD):	21.316389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	400	Longitude:	
T:		Latitude:	
WCR:	1/1/1947		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Gasco Inc.		
Land Owner:			
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
168	NNW	0.81	4,258.77	8.44	WATER WELLS

Well No:		Init CL (MG/L):	1380
Old No:	114-1	Init Head:	1.5
WID:	3-1952-023	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	100	Pump GPM1:	
Solid Case(Ft):	52	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	110
Bottom Hole Elev:	-96	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-48	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-007:016
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.867222
Geology Division:	Other	Lat NAD83 (DD):	21.318056
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaiian Electric Company, Inc., HECO		
Land Owner:	Hawaiian Electric Company, Inc., HECO		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

170 NNW 0.85 4,478.95 3.28 WATER WELLS

Well No:		Init CL (MG/L):	16200
Old No:	119-2	Init Head:	
WID:	3-1952-025	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1947	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	81	Pump GPM1:	
Solid Case(Ft):	42	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	1500
Bottom Hole Elev:		Test Ddown:	3.2
Btm Perfor Cas Elev:		Test Chlor:	17600
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.871667
Geology Division:	Other	Lat NAD83 (DD):	21.316667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	469	Longitude:	
T:		Latitude:	
WCR:	1/1/1947		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	616 Iwilei Road LLC		
Land Owner:	616 Iwilei Road LLC		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
172	NNW	0.86	4,560.12	3.28	WATER WELLS

Wells and Additional Sources Detail Report

Well No:		Init CL (MG/L):	12600
Old No:	119-3	Init Head:	
WID:	3-1952-030	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1951	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):	7	Pump GPM:	
Well Depth(Ft):	75	Pump GPM1:	
Solid Case(Ft):	51	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Caprock	Test GPM:	810
Bottom Hole Elev:	-68	Test Ddown:	3
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-44	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.871667
Geology Division:	Other	Lat NAD83 (DD):	21.316944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	270	Longitude:	
T:		Latitude:	
WCR:	1/1/1951		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Gasco Inc.		
Land Owner:			
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
176	SSE	0.86	4,543.08	3.28	WATER WELLS

Wells and Additional Sources Detail Report

Well No:		Init CL (MG/L):	
Old No:		Init Head:	
WID:	3-1751-006	Init Head2:	
Well Name:	Kewalo PBRC	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	PER - Percussion	Latest HD:	
Well Use:		Max Chlor:	
Use:	INDOTH	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1970	Pump Depth:	
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):	5	Pump GPM:	
Well Depth(Ft):	151	Pump GPM1:	
Solid Case(Ft):	46	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	179
Bottom Hole Elev:	-146	Test Ddown:	8
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-41	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-060:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.860833
Geology Division:	Other	Lat NAD83 (DD):	21.291389
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	22	Longitude:	
T:		Latitude:	
WCR:	1/1/1970		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	University of Hawaii Manoa, UHM		
Land Owner:	Hawaii Community Development Authority, HCDA		
Land Owner Name:			
Driller:	Roscoe Moss Hawaii Inc		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
177	NNW	0.86	4,564.90	6.56	WATER WELLS

Well No:	Init CL (MG/L):	200
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Wells and Additional Sources Detail Report

Old No:	117-	Init Head:	31
WID:	3-1952-011	Init Head2:	
Well Name:	Kapalama 1	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1913	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	5	Pump GPM:	
Well Depth(Ft):	513	Pump GPM1:	
Solid Case(Ft):	492	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-508	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-487	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKl	Long NAD83 (DD):	-157.869722
Geology Division:	Other	Lat NAD83 (DD):	21.318056
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1913		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
179	NNW	0.89	4,673.10	3.28	WATER WELLS

Well No:	Init CL (MG/L):	266
Old No:	Init Head:	28.2

Wells and Additional Sources Detail Report

WID:	3-1952-014	Init Head2:	
Well Name:	Kapalama	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1923	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	682	Pump GPM1:	
Solid Case(Ft):	613	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-678	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-609	Test Temp:	22.8
Draft MGD:		Test Unit:	C
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.872222
Geology Division:	Other	Lat NAD83 (DD):	21.316944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1923		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Gasco Inc.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
180	NNW	0.87	4,576.91	6.56	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	115-
WID:	3-1952-020

Wells and Additional Sources Detail Report

Well Name:	Kapalama 3	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1927	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	5	Pump GPM:	
Well Depth(Ft):	540	Pump GPM1:	
Solid Case(Ft):	485	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-535	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-480	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.869167
Geology Division:	Other	Lat NAD83 (DD):	21.318333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1927		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
182	ESE	0.90	4,728.49	3.28	WATER WELLS

Well No:	Init CL (MG/L):	376
Old No:	Init Head:	
WID:	3-1851-062	Init Head2:
Well Name:	Neal Blaisdell Center - NBC	Init Head3:

Wells and Additional Sources Detail Report

Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	IRRLA	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1967	Pump Depth:	
Casing Dia(Inch):	16	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	65	Pump GPM1:	700
Solid Case(Ft):	14	Pump MGD:	1.008
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	600
Bottom Hole Elev:		Test Ddown:	1.9
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-3-008:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.850278
Geology Division:	Other	Lat NAD83 (DD):	21.299972
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:	316	Longitude:	
T:		Latitude:	
WCR:	7/14/1967		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	C&C Honolulu Dept. of Enterprise Services		
Land Owner:	City and County of Honolulu, C&CH		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
184	NNW	0.88	4,655.40	6.56	WATER WELLS

Well No:		Init CL (MG/L):	76
Old No:	116-	Init Head:	
WID:	3-1952-021	Init Head2:	
Well Name:	Kapalama 4	Init Head3:	
Old Name:		Initial Head3:	

Wells and Additional Sources Detail Report

Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1927	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	612	Pump GPM1:	
Solid Case(Ft):	486	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-608	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-482	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.869722
Geology Division:	Other	Lat NAD83 (DD):	21.318333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1927		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
187	SSE	0.88	4,635.57	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	
WID:	3-1751-008	Init Head2:	
Well Name:	Kewalo-KBMML	Init Head3:	
Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	

Wells and Additional Sources Detail Report

Well Use:		Max Chlor:	
Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	2001	Pump Depth:	43
Casing Dia(Inch):	14	Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	101	Pump GPM1:	1000
Solid Case(Ft):	60	Pump MGD:	1.44
Perf Case(Ft):	100	Pump Yr:	2001
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-058:127
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QLS	Long NAD83 (DD):	-157.858507
Geology Division:		Lat NAD83 (DD):	21.291791
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:			
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	University of Hawaii Manoa, UHM		
Land Owner:	Hawaii Community Development Authority, HCDA		
Land Owner Name:			
Driller:	Beylik / Energetic A JV		
Pump Installer:			
Surveyor:			
Geology Name:	Landslide deposits (Holocene)		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
187	SSE	0.88	4,635.57	3.28	WATER WELLS

Well No:		Init CL (MG/L):	
Old No:		Init Head:	
WID:	3-1751-005	Init Head2:	
Well Name:	KBMML	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	

Wells and Additional Sources Detail Report

Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1968	Pump Depth:	63
Casing Dia(Inch):		Pump Elev:	
Ground El(Ft):		Pump GPM:	
Well Depth(Ft):		Pump GPM1:	1000
Solid Case(Ft):		Pump MGD:	1.44
Perf Case(Ft):		Pump Yr:	2001
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	600
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	17070
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-058:127
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcrs	Long NAD83 (DD):	-157.858507
Geology Division:	Other	Lat NAD83 (DD):	21.291791
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1968		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	University of Hawaii Manoa, UHM		
Land Owner:	Hawaii Community Development Authority, HCDA		
Land Owner Name:			
Driller:	Layne International		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
189	E	0.90	4,736.74	26.25	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	83-
WID:	3-1851-002
Well Name:	Thomas Square
Old Name:	
Well Type:	
Well Use:	
Use:	OBSWL

Wells and Additional Sources Detail Report

Year Drilled:		PIR:	
Yr Drilled:	1882	Pump Depth:	
Casing Dia(Inch):	2	Pump Elev:	
Ground El(Ft):	27	Pump GPM:	
Well Depth(Ft):	470	Pump GPM1:	0
Solid Case(Ft):	458	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-443	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-431	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-4-001:001
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.849167
Geology Division:	Other	Lat NAD83 (DD):	21.303611
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1882		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Honolulu Board of Water Supply, BWS		
Land Owner:	State of Hawaii		
Land Owner Name:			
Driller:			
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
190	NNW	0.89	4,697.08	6.56	WATER WELLS

Well No:		Init CL (MG/L):	156
Old No:	118-	Init Head:	28.4
WID:	3-1952-013	Init Head2:	
Well Name:	Kapalama 2	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	

Wells and Additional Sources Detail Report

Yr Drilled:	1923	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	4	Pump GPM:	
Well Depth(Ft):	650	Pump GPM1:	
Solid Case(Ft):	550	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-646	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-546	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 1-5-012:005
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.87
Geology Division:	Other	Lat NAD83 (DD):	21.318333
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1923		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Castle & Cooke, Inc.		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
193	ESE	0.91	4,796.51	13.12	WATER WELLS

Well No:	Init CL (MG/L):	65
Old No:	Init Head:	30.8
WID:	Init Head2:	
Well Name:	Init Head3:	
Old Name:	Initial Head3:	
Well Type:	Latest HD:	
Well Use:	Max Chlor:	
Use:	Min Chlor:	
Year Drilled:	PIR:	
Yr Drilled:	Pump Depth:	
		1881

Wells and Additional Sources Detail Report

Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):	16	Pump GPM:	
Well Depth(Ft):	540	Pump GPM1:	
Solid Case(Ft):		Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-524	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.849444
Geology Division:	Other	Lat NAD83 (DD):	21.301667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1881		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	C. P. Ward		
Land Owner:			
Land Owner Name:			
Driller:			
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
195	SSE	0.89	4,683.81	3.28	WATER WELLS

Well No:	Init CL (MG/L):	18000
Old No:	92-3	Init Head:
WID:	3-1751-003	Init Head2:
Well Name:	Ala Moana	Init Head3:
Old Name:		Initial Head3:
Well Type:		Latest HD:
Well Use:		Max Chlor:
Use:	ABNLOS	Min Chlor:
Year Drilled:		PIR:
Yr Drilled:	1959	Pump Depth:
Casing Dia(Inch):	6	Pump Elev:

Wells and Additional Sources Detail Report

Ground El(Ft):		Pump GPM:	
Well Depth(Ft):	92	Pump GPM1:	
Solid Case(Ft):	79	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-1-058:127
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qcra	Long NAD83 (DD):	-157.857778
Geology Division:	Other	Lat NAD83 (DD):	21.291944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1959		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Hawaii Community Development Authority, HCDA		
Land Owner:	Hawaii Community Development Authority, HCDA		
Land Owner Name:			
Driller:	Samson/Smock		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
196	NE	0.87	4,598.24	43.62	WATER WELLS

Well No:		Init CL (MG/L):	69
Old No:	109-1	Init Head:	
WID:	3-1951-004	Init Head2:	
Well Name:	Liliha	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNLOS	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1939	Pump Depth:	
Casing Dia(Inch):	6	Pump Elev:	
Ground El(Ft):		Pump GPM:	

Wells and Additional Sources Detail Report

Well Depth(Ft):	53	Pump GPM1:	
Solid Case(Ft):	28	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Alluvial	Test GPM:	
Bottom Hole Elev:		Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:		Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-2-001:111
Five Vol Pump Time:		Quad Map:	13
Geology Code:	Qa	Long NAD83 (DD):	-157.855278
Geology Division:	Other	Lat NAD83 (DD):	21.316667
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1939		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Chun Hoon Market		
Land Owner:	Bank of Hawaii		
Land Owner Name:			
Driller:	W. M. Mullin		
Pump Installer:			
Surveyor:			
Geology Name:	Alluvium		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
198	NNE	0.87	4,584.97	26.32	WATER WELLS

Well No:		Init CL (MG/L):	70
Old No:	112-	Init Head:	29.6
WID:	3-1951-003	Init Head2:	
Well Name:	Vineyard Blvd	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	ABNSLD	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1905	Pump Depth:	
Casing Dia(Inch):	10	Pump Elev:	
Ground El(Ft):	23	Pump GPM:	
Well Depth(Ft):	1029	Pump GPM1:	

Wells and Additional Sources Detail Report

Solid Case(Ft):	1009	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30103	Test Date:	
Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-1006	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-986	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.861111
Geology Division:	Other	Lat NAD83 (DD):	21.319167
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1905		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	The Salvation Army		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
199	SE	0.90	4,749.36	3.28	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	Init Head:
WID:	3-1751-010
Well Name:	Waiea Source 1
Old Name:	Init Head2:
Well Type:	ROT - Rotary
Well Use:	Init Head3:
Use:	INDEL
Year Drilled:	Initial Head3:
Yr Drilled:	2015
Casing Dia(Inch):	Latest HD:
Ground El(Ft):	36
Well Depth(Ft):	9.5
Solid Case(Ft):	188
	258
	88
	88

Init CL (MG/L):
Init Head:
Init Head2:
Init Head3:
Initial Head3:
Latest HD:
Max Chlor:
Min Chlor:
PIR:
Pump Depth:
Pump Elev:
Pump GPM:
Pump GPM1:
Pump MGD:

Wells and Additional Sources Detail Report

Perf Case(Ft):	188	Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:	-178.5	Test Ddown:	
Btm Perfor Cas Elev:	-178.5	Test Chlor:	
Btm Solid Cas Elev:	-78.5	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-3-001:127
Five Vol Pump Time:		Quad Map:	
Geology Code:	Qcrs	Long NAD83 (DD):	-157.854154
Geology Division:	Other	Lat NAD83 (DD):	21.29401
Geology Status:	Active	GPS:	
Head Feet:		UTM:	
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	9/12/2016		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Victoria Ward Ltd.		
Land Owner:	Victoria Ward Ltd.		
Land Owner Name:			
Driller:	Geolabs Inc.		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
200	SE	0.90	4,762.94	3.28	WATER WELLS

Well No:		Init CL (MG/L):	18000
Old No:		Init Head:	0
WID:	3-1751-011	Init Head2:	0
Well Name:	Waiea Source 2	Init Head3:	0
Old Name:		Initial Head3:	
Well Type:	ROT - Rotary	Latest HD:	
Well Use:		Max Chlor:	
Use:	INDEL	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	2015	Pump Depth:	
Casing Dia(Inch):	36	Pump Elev:	
Ground EI(Ft):	9.5	Pump GPM:	
Well Depth(Ft):	188	Pump GPM1:	
Solid Case(Ft):	88	Pump MGD:	
Perf Case(Ft):	188	Pump Yr:	

Wells and Additional Sources Detail Report

Aquifer Code:	30102	Test Date:	
Aquifer Type:	Caprock	Test GPM:	
Bottom Hole Elev:	-178.5	Test Ddown:	
Btm Perfor Cas Elev:	-178.5	Test Chlor:	
Btm Solid Cas Elev:	-78.5	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:	0	Island:	Oahu
Draft Yr:		TMK:	(1) 2-3-001:127
Five Vol Pump Time:		Quad Map:	
Geology Code:	Qcrs	Long NAD83 (DD):	-157.854116
Geology Division:	Other	Lat NAD83 (DD):	21.293992
Geology Status:	Active	GPS:	
Head Feet:		UTM:	
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	9/12/2016		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Victoria Ward Ltd.		
Land Owner:	Victoria Ward Ltd.		
Land Owner Name:			
Driller:	Geolabs Inc.		
Pump Installer:			
Surveyor:			
Geology Name:	Calcareous reef rock		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
203	E	0.94	4,986.49	42.64	WATER WELLS

Well No:	Init CL (MG/L):
Old No:	84-
WID:	3-1851-010
Well Name:	Acadamy Of Arts
Old Name:	
Well Type:	
Well Use:	
Use:	ABNSLD
Year Drilled:	
Yr Drilled:	1894
Casing Dia(Inch):	8
Ground El(Ft):	30
Well Depth(Ft):	486
Solid Case(Ft):	422
Perf Case(Ft):	
Aquifer Code:	30102

Init Head:	31
Init Head2:	
Init Head3:	
Initial Head3:	
Latest HD:	
Max Chlor:	
Min Chlor:	
PIR:	
Pump Depth:	
Pump Elev:	
Pump GPM:	
Pump GPM1:	
Pump MGD:	
Pump Yr:	
Test Date:	

Wells and Additional Sources Detail Report

Aquifer Type:	Basal	Test GPM:	
Bottom Hole Elev:	-456	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-392	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.848333
Geology Division:	Other	Lat NAD83 (DD):	21.304444
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	01/01/1894		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	C. M. Cooke		
Land Owner:			
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
205	E	0.99	5,225.32	16.40	WATER WELLS

Well No:	Init CL (MG/L):	41	
Old No:	81	Init Head:	30.3
WID:	3-1851-028	Init Head2:	
Well Name:	Young St	Init Head3:	
Old Name:		Initial Head3:	
Well Type:		Latest HD:	
Well Use:		Max Chlor:	
Use:	UNU	Min Chlor:	
Year Drilled:		PIR:	
Yr Drilled:	1913	Pump Depth:	
Casing Dia(Inch):	8	Pump Elev:	
Ground El(Ft):	18	Pump GPM:	
Well Depth(Ft):	505	Pump GPM1:	
Solid Case(Ft):	476	Pump MGD:	
Perf Case(Ft):		Pump Yr:	
Aquifer Code:	30102	Test Date:	
Aquifer Type:	Basal	Test GPM:	

Wells and Additional Sources Detail Report

Bottom Hole Elev:	-487	Test Ddown:	
Btm Perfor Cas Elev:		Test Chlor:	
Btm Solid Cas Elev:	-458	Test Temp:	
Draft MGD:		Test Unit:	
Draft MGY:		Island:	Oahu
Draft Yr:		TMK:	(1) 2-4-002:006
Five Vol Pump Time:		Quad Map:	13
Geology Code:	QTKI	Long NAD83 (DD):	-157.848056
Geology Division:	Other	Lat NAD83 (DD):	21.301944
Geology Status:	Active	GPS:	FALSE
Head Feet:		UTM:	TRUE
Spec Capac:		Longitude:	
T:		Latitude:	
WCR:	1/1/1913		
Well Use Desc:			
Well Owner Name:			
Well Use Reporter Name:			
Owner User:	Medical Arts Bldg., Ltd.		
Land Owner:	Medical Arts Bldg., Ltd.		
Land Owner Name:			
Driller:	L. McCandless		
Pump Installer:			
Surveyor:			
Geology Name:	Lava flows, Ko'olau Basalt		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *HONOLULU* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *HONOLULU* County

No Measures/Homes:	257
Geometric Mean:	0.1
Arithmetic Mean:	0.1
Median:	0
Standard Deviation:	0.6
Maximum:	4.8
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the State/EPA Residential Radon Survey of Hawaii conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Appendix

Oil and Gas Wells

OGW

As of HI state regulatory agencies, FracTracker Alliance - state of Hawaii confirmed not to have any active (drilled but not plugged) oil and gas wells.

Well Index Database

WATER WELLS

The Department of Land and Natural Resources Commission on Water Resource Management (CWRM) maintains the Well Index Database that tracks specific information pertaining to the construction and installation of production wells in Hawaii.

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CITY
DIRECTORY

Project Property: *Wilson Okamoto_Tradewinds Garden & Glass
170 Aloha Tower Drive
Honolulu, HI*

Project No: *2312-00396-PH1*

Requested By: *ENPRO Environmental*

Order No: *23122200507*

Date Completed: *December 29, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

December 29, 2023
RE: CITY DIRECTORY RESEARCH
170 Aloha Tower Drive
Honolulu, HI

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

150-300 of Ala Moana Blvd
All of Aloha Tower Dr

Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2007	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996-97	POLKS	
1991	POLKS	
1989	HAWAIIAN TELE CO	
1981	HAWAIIAN TELE CO	
1976	HAWAIIAN TELE CO	

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134 total records. Part 1 of 3

170 HONOLULU GENERATING STATION...ELECTRIC POWER DISTRIBUTION
 171 RAINBOW YACHT...YACHT BROKERS
 177 INCARE HAWAII INC...TRAVEL AGENCIES & BUREAUS
 220 AGU RAMEN...FULL-SERVICE RESTAURANTS
 300 ACTION SPORTS HAWAII...NONCLASSIFIED ESTABLISHMENTS
 300 ALEUT MANAGEMENT SVC...HOTELS & MOTELS
 300 ALEUT MANAGEMENT SVC...MANAGEMENT SERVICES
 300 ALEUT MANAGEMENT SVC...BUSINESS SERVICES NEC
 300 ATTYS EXECUTOR OFF FOR US...ATTORNEYS
 300 CHARMAYNE COLGLAZIER...RESIDENTIAL
 300 COMMUNITY CLASSROOM CONSORTIUM...NONCLASSIFIED ESTABLISHMENTS
 300 CORP FOR NATIONAL SVC...PARKS
 300 CORP FOR NATIONAL SVC...GOVERNMENT OFFICES-US
 300 CUSTOMS BORDER PATROL PRTCTN...FEDERAL GOVERNMENT-POLICE
 300 CYRUS FLUITT...RESIDENTIAL
 300 D14 GOLF ASSN...ASSOCIATIONS
 300 DISTRICT OF HAWAII...POLICE DEPARTMENTS
 300 DISTRICT OF HAWAII...STATE GOVERNMENTTRANSPORTATION PROGRAMS
 300 DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 ENOVITY...GENERAL MERCHANDISE-RETAIL
 300 FBI HONOLULU...POLICE DEPARTMENTS
 300 FEDERAL BUREAU INVESTIGATION...FEDERAL GOVERNMENT-POLICE
 300 FEDERAL EXECUTIVE BOARD...GOVERNMENT OFFICES-US
 300 FEDERAL EXECUTIVE BOARD...STATE GOVERNMENTCONSERVATION DEPTS
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT CONTRACTORS
 300 FEDERAL MOTOR CARRIER SAFETY...GOVERNMENT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...STATE GOVERNMENTLEGAL COUNSEL
 300 FEDERAL PUBLIC DEFENDER...GOVERNMENT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 FEDERAL PUBLIC DEFENDER...STATE GOVERNMENTCONSERVATION DEPTS
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENTNATIONAL SECURITY
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 GSA FEDERAL SUPPLY SVC...EXPORTERS (WHLS)
 300 GSA FEDERAL SUPPLY SVC...TRADING POSTS
 300 HONOLULU FEDERAL CREDIT UNION...CREDIT UNIONS
 300 HONOLULU FIELD OFFICE...POLICE DEPARTMENTS
 300 HONOLULU FIELD OFFICE...NONCLASSIFIED ESTABLISHMENTS
 300 HONORABLE HELEN GILLMOR...GOVERNMENT OFFICES-US
 300 HONORABLE KEVIN SC CHANG...GOVERNMENT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVERNMENT OFFICES-US
 300 HONORABLE SUSAN OKI MOLLWAY...GOVERNMENT OFFICES-US
 300 JUDICIARY COURTS THE STATE HI...GOVERNMENT OFFICES-STATE
 300 MATT HALL...RESIDENTIAL
 300 MONSTER SOFTWARE...DATA PROCESSING SOFTWARE
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT CONTRACTORS
 300 NATIONAL LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 NATIONAL LABOR RELATIONS BOARD...STATE GOVERNMENTCONSERVATION DEPTS
 300 NATIONAL MARINE FISHERIES SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 NATIONAL MARINE FISHERIES SVC...GOVERNMENT OFFICES-US
 300 NATIONAL PARK SVC...PARKS
 300 OFFICE OF INSPECTOR GENERAL...NONCLASSIFIED ESTABLISHMENTS
 300 OHANA CAFE SVC...RESTAURANTS
 300 RAINBOW SCHOOLS...CHILD CARE SERVICE
 300 RAINBOW SCHOOLS...NONPROFIT ORGANIZATIONS
 300 REPRESENTATIVE TULSI GABBARD...GOVERNMENT OFFICES-US
 300 SENATOR BRIAN SCHATZ...GOVERNMENT OFFICES-US
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-US
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-STATE
 300 SOCIAL SECURITY ADMINISTRATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCs
 300 SWNERTON BUILDERS...FEDERAL GOVERNMENT CONTRACTORS
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS

Part 2 of 3

300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENT-POLICE
 300 US ALCOHOL TOBACCO FIREARMS...STATE GOVERNMENTCONSERVATION DEPTS
 300 US ALCOHOL TOBACCO FIREARMS...GOVERNMENT OFFICES-US
 300 US ATTORNEY...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US ATTORNEY...STATE GOVERNMENTLEGAL COUNSEL
 300 US COAST GUARD...FEDERAL GOVERNMENTPUBLIC ORDER & SAFETY
 300 US COAST GUARD...SECURITY SYSTEMS CONSULTANTS
 300 US COAST GUARD...FEDERAL GOVERNMENT-TRANSPORTATION PRGRMS
 300 US COAST GUARD...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US CONSOLIDATED FARM SVC AGCY...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US COURT LIBRARY...LIBRARIES-PUBLIC
 300 US COURT LIBRARY...FEDERAL GOVERNMENT-LIBRARIES
 300 US CUSTOMS SVC...FEDERAL GOVERNMENT-INTERNATIONAL AFFAIRS
 300 US DEFENSE INVESTIGATIVE SVC...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEPARTMENT OF LABOR OSHA...SAFETY CONSULTANTS
 300 US DEPARTMENT OF LABOR OSHA...FEDERAL GOVERNMENT-PUBLIC ORDER & SAFETY
 300 US DEPARTMENT OF LABOR OSHA...FEDERAL GOVERNMENTTRANSPORTATION PRGRMS
 300 US DISTRICT COURT CLERK...FEDERAL GOVERNMENT-COURTS
 300 US DISTRICT COURT CLERK...GOVERNMENT OFFICES-US
 300 US DISTRICT COURT CLERK...STATE GOVERNMENTCONSERVATION DEPTS
 300 US DISTRICT COURT JUDGE ALAN...FEDERAL GOVERNMENT-COURTS
 300 US DRUG ENFORCEMENT ADMIN...GOVERNMENT OFFICES-US
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US DRUG ENFORCEMENT ADMIN...STATE GOVERNMENTCONSERVATION DEPTS
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 US ECONOMIC DEVELOPMENT ADM...GOVERNMENT OFFICES-US
 300 US ECONOMIC DEVELOPMENT ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US ECONOMIC DEVELOPMENT ADM...STATE GOVERNMENTCONSERVATION DEPTS
 300 US ENV PROTECTION AGENCY...FEDERAL GOVT-ENVIRONMENTAL PROGRAMS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCs
 300 US EQUAL EMPLOYMENT OPPORTUNITY...STATE GOVERNMENTCONSERVATION DEPTS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...SOCIAL SERVICE & WELFARE ORGANIZATIONS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...GOVERNMENT OFFICES-US
 300 US FEDERAL CONTRACT COMPLIANCE...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US FEDERAL HIGHWAY ADMIN...STATE GOVERNMENTCONSERVATION DEPTS
 300 US FEDERAL HIGHWAY ADMIN...GOVERNMENT OFFICES-US
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT CONTRACTORS
 300 US FOOD & NUTRITION SVC...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US HEALTH CARE FINANCING ADMIN...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCs
 300 US INTERNAL REVENUE SVC...GOVERNMENT OFFICES-US
 300 US JUSTICE DEPT...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US JUSTICE DEPT...GOVERNMENT OFFICES-US
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT CONTRACTORS
 300 US LABOR DEPT WAGE HOUR DIV...STATE GOVERNMENTCONSERVATION DEPTS
 300 US LABOR DEPT WAGE HOUR DIV...GOVERNMENT OFFICES-US
 300 US LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 US LAW ENFORCEMENT...FEDERAL GOVERNMENT-POLICE
 300 US MAGISTRATE JUDGE...FEDERAL GOVERNMENT-COURTS
 300 US MARSHALS SVC...FEDERAL GOVERNMENT-POLICE
 300 US MARSHALS SVC...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US MARSHALS SVC...STATE GOVERNMENTCONSERVATION DEPTS
 300 US MARSHALS SVC...GOVERNMENT OFFICES-US
 300 US OCCUPATION SAFETY HEALTH...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US PRETRIAL SVC...STATE GOVERNMENTCONSERVATION DEPTS
 300 US PRETRIAL SVC...GOVERNMENT OFFICES-US

Part 3 of 3

300 US PROBATION & PAROLE OFFICE...SCHOOLS
 300 US PROBATION & PAROLE OFFICE...PROBATION SERVICES
 300 US PROBATION PAROLE OFFICE...STATE GOVERNMENTCONSERVATION
 DEPTS
 300 US PROBATION PAROLE OFFICE...GOVERNMENT OFFICES-US
 300 US SECRET SVC...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US SECRET SVC...FEDERAL GOVERNMENT-POLICE
 300 US SMALL BUSINESS ADMIN...GOVERNMENT OFFICES-US
 300 US STATE DEPT...STATE GOVERNMENTCONSERVATION DEPTS
 300 US STATE DEPT...LEGISLATIVE BODIES
 300 US VETERANS AFFAIRS DEPT...FEDERAL GOVT-VETERANS AFFAIRS ADMIN
 300 US WORKERS COMPENSATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN
 RSRCS
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENTNATIONAL SECURITY
 300 USGSA PUBLIC BUILDING SVC...GOVERNMENT-OPERATORS-NONRESIDENTIAL
 BLDG

1 ALOHA TORTILLA FACTORY CAFE...RESTAURANTS
 1 BIKINI CANTINA...RESTAURANTS
 1 CHAI'S ISLAND BISTRO...RESTAURANTS
 1 CHAI'S ISLAND BISTRO...FOODSCARRY OUT
 1 CRAFTWORKS RESTAURANTS BRWRS...BREWERS (MFRS)
 1 EVENTS AT THE TOWER...FEDERAL GOVERNMENT CONTRACTORS
 1 EVENTS AT THE TOWER...BANQUET ROOMS
 1 EVENTS INTERNATIONAL INC...ECOMMERCE
 1 EVENTS INTERNATIONAL INC...ENTERTAINERS
 1 GORDON BIRSCH BREWERY RSTRNT...COCKTAIL LOUNGES
 1 GORDON BIRSCH BREWERY RSTRNT...BREWERS (MFRS)
 1 GORDON BIRSCH BREWERY RSTRNT...BARS
 1 GORDON BIRSCH BREWERY RSTRNT...RESTAURANTS
 1 GORDON BIRSCH BREWERY RSTRNT...FOODSCARRY OUT
 1 HAWAII PACIFIC UNIV OFC...COLLEGES & UNIVERSITIES
 1 HAWAIIAN FLAVORED T SHIRTS...T-SHIRTS-RETAIL
 1 HENRY KAAIHUE...RESIDENTIAL
 1 HERTZ RENT A CAR...AUTOMOBILE RENTING
 1 HONOLULU NAIL BAR LLC...MANICURING
 1 HOOTERS...FOODS-CARRY OUT
 1 HOOTERS...RESTAURANTS
 1 HOOTERS...CAFES
 1 KENEKES GRILL AT HPU...RESTAURANTS
 1 NEW HOPE METRO...CHURCHES
 1 PANIOLO SMOKE HOUSE...RESTAURANTS
 1 PIER NINE BY SAM CHOY...NONCLASSIFIED ESTABLISHMENTS
 1 ROBERTS HAWAII TOURS...BOATS-RENTAL & CHARTER
 1 SAYUMI'S PRINCESS GARDEN SALON...BRIDAL SHOPS
 1 STEPHEN CIPRES...NONCLASSIFIED ESTABLISHMENTS
 1 VILLA THE @ ALOHA TOWER...NONCLASSIFIED ESTABLISHMENTS
 1 WELCH & WEEKS...ARCHITECTS
 3 HITALIAN ICE...MISCELLANEOUS RETAIL STORES NEC
 3 STAR OF HONOLULU...TOURS-OPERATORS & PROMOTERS
 3 TEAPRESSO BAR ALOHA TOWER...COFFEE SHOPS
 3 TRIDENT ADVENTURES...DIVERS

136 total records. Part 1 of 3

170 HONOLULU GENERATING STATION...ELECTRIC POWER DISTRIBUTION
 171 RAINBOW YACHT...YACHT BROKERS
 177 INCARE HAWAII INC...TRAVEL AGENCIES & BUREAUS
 220 AGU RAMEN...FULL-SERVICE RESTAURANTS
 300 ACTION SPORTS HAWAII...NONCLASSIFIED ESTABLISHMENTS
 300 ALEUT MANAGEMENT SVC...HOTELS & MOTELS
 300 ALEUT MANAGEMENT SVC...MANAGEMENT SERVICES
 300 ALEUT MANAGEMENT SVC...BUSINESS SERVICES NEC
 300 ATTS EXECUTOR OFF FOR US...ATTORNEYS
 300 COMMUNITY CLASSROOM CONSORTIUM...NONCLASSIFIED ESTABLISHMENTS
 300 CORP FOR NATIONAL SVC...PARKS
 300 CORP FOR NATIONAL SVC...GOVERNMENT OFFICES-US
 300 CUSTOMS BORDER PATROL PRCTCN...FEDERAL GOVERNMENT-POLICE
 300 CYRUS FLUITT...RESIDENTIAL
 300 D14 GOLF ASSN...ASSOCIATIONS
 300 DISTRICT OF HAWAII...POLICE DEPARTMENTS
 300 DISTRICT OF HAWAII...STATE GOVERNMENTTRANSPORTATION PROGRAMS
 300 DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 ENOVITY...GENERAL MERCHANDISE-RETAIL
 300 FBI HONOLULU...POLICE DEPARTMENTS
 300 FEDERAL BUREAU-INVIGATION...FEDERAL GOVERNMENT-POLICE
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT CONTRACTORS
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 FEDERAL EXECUTIVE BOARD...GOVERNMENT OFFICES-US
 300 FEDERAL EXECUTIVE BOARD...STATE GOVERNMENTCONSERVATION DEPTS
 300 FEDERAL MOTOR CARRIER SAFETY...GOVERNMENT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...STATE GOVERNMENTCONSERVATION DEPTS
 300 FEDERAL PUBLIC DEFENDER...STATE GOVERNMENTLEGAL COUNSEL
 300 FEDERAL PUBLIC DEFENDER...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 FEDERAL PUBLIC DEFENDER...GOVERNMENT OFFICES-US
 300 GSA FEDERAL SUPPLY SVC...TRADING POSTS
 300 GSA FEDERAL SUPPLY SVC...EXPORTERS (WHLs)
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENTNATIONAL SECURITY
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 HONOLULU FEDERAL CREDIT UNION...CREDIT UNIONS
 300 HONOLULU FIELD OFFICE...NONCLASSIFIED ESTABLISHMENTS
 300 HONOLULU FIELD OFFICE...POLICE DEPARTMENTS
 300 HONORABLE HELEN GILLMOR...GOVERNMENT OFFICES-US
 300 HONORABLE KEVIN SC CHANG...GOVERNMENT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVERNMENT OFFICES-US
 300 HONORABLE SUSAN OKI MOLLWAY...GOVERNMENT OFFICES-US
 300 JUDICIARY COURTS-THE STATE-HI...GOVERNMENT OFFICES-STATE
 300 MATT HALL...RESIDENTIAL
 300 MONSTER SOFTWARE...DATA PROCESSING SOFTWARE
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 NATIONAL LABOR RELATIONS BOARD...STATE GOVERNMENTCONSERVATION DEPTS
 300 NATIONAL LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT CONTRACTORS
 300 NATIONAL MARINE FISHERIES SVC...GOVERNMENT OFFICES-US
 300 NATIONAL MARINE FISHERIES SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 NATIONAL PARK SVC...PARKS
 300 OFFICE OF INSPECTOR GENERAL...NONCLASSIFIED ESTABLISHMENTS
 300 OHANA CAFE SVC...RESTAURANTS
 300 RAINBOW SCHOOLS...CHILD CARE SERVICE
 300 RAINBOW SCHOOLS...NONPROFIT ORGANIZATIONS
 300 REPRESENTATIVE TULSI GABBARD...GOVERNMENT OFFICES-US
 300 SENATOR BRIAN SCHATZ...GOVERNMENT OFFICES-US
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-STATE
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-US
 300 SOCIAL SECURITY ADMINISTRATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 SWINERTON BUILDERS...FEDERAL GOVERNMENT CONTRACTORS
 300 US ALCOHOL TOBACCO FIREARMS...STATE GOVERNMENTCONSERVATION DEPTS

Part 2 of 3

300 US ALCOHOL TOBACCO FIREARMS...GOVERNMENT OFFICES-US
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENT-POLICE
 300 US ATTORNEY...STATE GOVERNMENTLEGAL COUNSEL
 300 US ATTORNEY...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US COAST GUARD...SECURITY SYSTEMS CONSULTANTS
 300 US COAST GUARD...FEDERAL GOVERNMENT-TRANSPORTATION PRGRMS
 300 US COAST GUARD...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US COAST GUARD...FEDERAL GOVERNMENTPUBLIC ORDER & SAFETY
 300 US CONSOLIDATED FARM SVC AGCY...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US COURT LIBRARY...LIBRARIES-PUBLIC
 300 US COURT LIBRARY...FEDERAL GOVERNMENT-LIBRARIES
 300 US CUSTOMS SVC...FEDERAL GOVERNMENT-INTERNATIONAL AFFAIRS
 300 US DEFENSE INVESTIGATIVE SVC...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEPARTMENT OF LABOR-OSHA...SAFETY CONSULTANTS
 300 US DEPARTMENT OF LABOR-OSHA...FEDERAL GOVERNMENT-PUBLIC ORDER & SAFETY
 300 US DEPARTMENT OF LABOR-OSHA...FEDERAL GOVERNMENTTRANSPORTATION PRGRMS
 300 US DISTRICT COURT CLERK...FEDERAL GOVERNMENT-COURTS
 300 US DISTRICT COURT CLERK...STATE GOVERNMENTCONSERVATION DEPTS
 300 US DISTRICT COURT CLERK...GOVERNMENT OFFICES-US
 300 US DISTRICT COURT JUDGE ALAN...FEDERAL GOVERNMENT-COURTS
 300 US DRUG ENFORCEMENT ADMIN...STATE GOVERNMENTCONSERVATION DEPTS
 300 US DRUG ENFORCEMENT ADMIN...GOVERNMENT OFFICES-US
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 US ECONOMIC DEVELOPMENT ADM...GOVERNMENT OFFICES-US
 300 US ECONOMIC DEVELOPMENT ADM...STATE GOVERNMENTCONSERVATION DEPTS
 300 US ECONOMIC DEVELOPMENT ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US ENV PROTECTION AGENCY...FEDERAL GOVT-ENVIRONMENTAL PROGRAMS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...SOCIAL SERVICE & WELFARE ORGANIZATIONS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...STATE GOVERNMENTCONSERVATION DEPTS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...GOVERNMENT OFFICES-US
 300 US FEDERAL CONTRACT COMPLIANCE...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US FEDERAL HIGHWAY ADMIN...GOVERNMENT OFFICES-US
 300 US FEDERAL HIGHWAY ADMIN...STATE GOVERNMENTCONSERVATION DEPTS
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT CONTRACTORS
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US FOOD & NUTRITION SVC...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US HEALTH CARE FINANCING ADMIN...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US INTERNAL REVENUE SVC...GOVERNMENT OFFICES-US
 300 US JUSTICE DEPT...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US JUSTICE DEPT...GOVERNMENT OFFICES-US
 300 US LABOR DEPT WAGE HOUR DIV...GOVERNMENT OFFICES-US
 300 US LABOR DEPT WAGE HOUR DIV...STATE GOVERNMENTCONSERVATION DEPTS
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT CONTRACTORS
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 US LAW ENFORCEMENT...FEDERAL GOVERNMENT-POLICE
 300 US MAGISTRATE JUDGE...FEDERAL GOVERNMENT-COURTS
 300 US MARSHALS SVC...GOVERNMENT OFFICES-US
 300 US MARSHALS SVC...FEDERAL GOVERNMENT-POLICE
 300 US MARSHALS SVC...STATE GOVERNMENTCONSERVATION DEPTS
 300 US MARSHALS SVC...FEDERAL GOVERNMENTINTERNATIONAL AFFAIRS
 300 US OCCUPATION SAFETY HEALTH...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US PRETRIAL SVC...STATE GOVERNMENTCONSERVATION DEPTS
 300 US PRETRIAL SVC...GOVERNMENT OFFICES-US

Part 3 of 3

300 US PROBATION PAROLE OFFICE...GOVERNMENT OFFICES-US
 300 US PROBATION PAROLE OFFICE...STATE GOVERNMENT CONSERVATION DEPTS
 300 US PROBATION & PAROLE OFFICE...PROBATION SERVICES
 300 US PROBATION & PAROLE OFFICE...SCHOOLS
 300 US SECRET SVC...FEDERAL GOVERNMENT-POLICE
 300 US SECRET SVC...FEDERAL GOVERNMENT-INTERNATIONAL AFFAIRS
 300 US SMALL BUSINESS ADMIN...GOVERNMENT OFFICES-US
 300 US SMALL BUSINESS ADMIN...STATE GOVERNMENT CONSERVATION DEPTS
 300 US SMALL BUSINESS ADMIN...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US SMALL BUSINESS ADMIN...HARDWARE RETAIL
 300 US STATE DEPT...STATE GOVERNMENT CONSERVATION DEPTS
 300 US STATE DEPT...LEGISLATIVE BODIES
 300 US VETERANS AFFAIRS DEPT...FEDERAL GOVT-VETERANS AFFAIRS ADMIN
 300 US WORKERS COMPENSATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRC
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 USGSA PUBLIC BUILDING SVC...GOVERNMENT-OPERATORS-NONRESIDENTIAL BLDG

1 BIKINI CANTINA...RESTAURANTS
 1 CHAI'S ISLAND BISTRO...FOODS-CARRY OUT
 1 CHAI'S ISLAND BISTRO...RESTAURANTS
 1 CRAFTWORKS RESTAURANTS-BRWRS...BREWERS (MFRS)
 1 EVENTS AT THE TOWER...FEDERAL GOVERNMENT CONTRACTORS
 1 EVENTS AT THE TOWER...BANQUET ROOMS
 1 EVENTS INTERNATIONAL INC...ENTERTAINERS
 1 EVENTS INTERNATIONAL INC...ECOMMERCE
 1 GORDON BIER SCH BREWERY RSTRNT...RESTAURANTS
 1 GORDON BIER SCH BREWERY RSTRNT...COCKTAIL LOUNGES
 1 GORDON BIER SCH BREWERY RSTRNT...BREWERS (MFRS)
 1 GORDON BIER SCH BREWERY RSTRNT...BARS
 1 GORDON BIER SCH BREWERY RSTRNT...FOODS-CARRY OUT
 1 HAWAIIAN FLAVORED T-SHIRTS...T-SHIRTS-RETAIL
 1 HENRY KAAIHUE...RESIDENTIAL
 1 HERTZ RENT A CAR...AUTOMOBILE RENTING
 1 HONOLULU NAIL BAR LLC...MANICURING
 1 HOOTERS...CAFES
 1 HOOTERS...RESTAURANTS
 1 HOOTERS...FOODS-CARRY OUT
 1 KENEKES GRILL AT HPU...RESTAURANTS
 1 NEW HOPE METRO...CHURCHES
 1 PANIOLO SMOKE HOUSE...RESTAURANTS
 1 PIER NINE BY SAM CHOY...NONCLASSIFIED ESTABLISHMENTS
 1 ROBERTS HAWAII TOURS...BOATS-RENTAL & CHARTER
 1 SAYUMI'S PRINCESS GARDEN SALON...BRIDAL SHOPS
 1 STEPHEN CIPRES...NONCLASSIFIED ESTABLISHMENTS
 1 VILLA THE @ ALOHA TOWER...NONCLASSIFIED ESTABLISHMENTS
 1 WELCH & WEEKS...ARCHITECTS
 3 CROSSFIT DOWNTOWN HONOLULU...NONCLASSIFIED ESTABLISHMENTS
 3 STAR OF HONOLULU...TOURS-OPERATORS & PROMOTERS
 3 TEAPRESSO BAR ALOHA TOWER...COFFEE SHOPS

98 total records. Part 1 of 2

170 HONOLULU GENERATING STATION...ELECTRIC POWER DISTRIBUTION
 171 RAINBOW YACHT...YACHT BROKERS
 177 INCARE HAWAII INC...TRAVEL AGENCIES & BUREAUS
 220 AGU RAMEN...FULL-SERVICE RESTAURANTS
 296 PRUDENTIAL COMMERCIAL SVC...REAL ESTATE MANAGEMENT
 296 PRUDENTIAL COMMERCIAL SVC...REAL ESTATE
 300 ALEUT MANAGEMENT SVC...MANAGEMENT SERVICES
 300 ATM...AUTOMATED TELLER MACHINES
 300 ATTYS EXECUTOR OFF FOR US...ATTORNEYS
 300 CHARMAYNE COLGLAZIER...RESIDENTIAL
 300 CORP FOR NATIONAL SVC...GOVERNMENT OFFICES-US
 300 CUSTOMS BORDER PATROL PRTCTN...FEDERAL GOVERNMENT-POLICE
 300 CUSTOMS BORDER PATROL PRTCTN...FEDERAL GOVERNMENT-FINANCE & TAXATION
 300 CYNTHIA FAZIO FED COURT RPTR...SECRETARIAL & COURT REPORTING SERVICES
 300 CYRUS FLUITT...RESIDENTIAL
 300 ENOVITY...GENERAL MERCHANDISE-RETAIL
 300 FBI HONOLULU...POLICE DEPARTMENTS
 300 FEDERAL BUREAU-INVIGATION...FEDERAL GOVERNMENT-POLICE
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT CONTRACTORS
 300 FEDERAL MEDIATION CONCILIATION...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 FEDERAL MOTOR CARRIER SAFETY...GOVERNMENT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 GSA FEDERAL SUPPLY SVC...EXPORTERS (WHLS)
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 HONOLULU FEDERAL CREDIT UNION...CREDIT UNIONS
 300 HONOLULU PERSONNEL MANAGEMENT...PERSONNEL CONSULTANTS
 300 HONORABLE DAVID ALAN EZRA...GOVERNMENT OFFICES-US
 300 HONORABLE HELEN GILLMOR...GOVERNMENT OFFICES-US
 300 HONORABLE HERBERT YC CHOY...GOVERNMENT OFFICES-US
 300 HONORABLE KEVIN SC CHANG...GOVERNMENT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVERNMENT OFFICES-US
 300 HONORABLE SAMUEL P KING...GOVERNMENT OFFICES-US
 300 HONORABLE SUSAN OKI MOLLWAY...GOVERNMENT OFFICES-US
 300 MATT HALL...RESIDENTIAL
 300 NATIONAL ASSOCIATION-RETIRED...RETIREMENT COMMUNITIES & HOMES
 300 NATIONAL ASSOCIATION-RETIRED...RETIREMENT PLANNING SERVICES
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 NATIONAL MARINE FISHERIES SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 NATIONAL PARK SVC...PARKS
 300 OHANA CAFE SVC...RESTAURANTS
 300 RAINBOW SCHOOLS...CHILD CARE SERVICE
 300 REP COLLEEN HANABUSA...GOVERNMENT OFFICES-US
 300 REPRESENTATIVE TULSI GABBARD...GOVERNMENT OFFICES-US
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-US
 300 SENATOR MAZIE K HIRONO...GOVERNMENT OFFICES-STATE
 300 SOCIAL SECURITY ADMINISTRATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 SWINERTON BUILDERS...FEDERAL GOVERNMENT CONTRACTORS
 300 SWINERTON BUILDERS...BUILDING CONTRACTORS
 300 US & FOREIGN COMMERCIAL SVC...GOVERNMENT OFFICES-US
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENT-POLICE
 300 US ATTORNEY...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US COAST GUARD...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US CONSOLIDATED FARM SVC AGCY...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US COURT LIBRARY...FEDERAL GOVERNMENT-LIBRARIES
 300 US COURT LIBRARY...LIBRARIES-PUBLIC
 300 US CUSTOMS SVC...FEDERAL GOVERNMENT-FINANCE & TAXATION
 300 US CUSTOMS SVC...FEDERAL GOVERNMENT-INTERNATIONAL AFFAIRS
 300 US DEFENSE CONTRACT AUDIT AGCY...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEFENSE INVESTIGATIVE SVC...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEFENSE SECURITY SVC...GOVERNMENT OFFICES-US
 300 US DEPARTMENT OF LABOR-OSHA...SAFETY CONSULTANTS

Part 2 of 2

300 US DISTRICT COURT CLERK...FEDERAL GOVERNMENT-COURTS
 300 US DISTRICT COURT JUDGE ALAN...FEDERAL GOVERNMENT-COURTS
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 US ECONOMIC DEVELOPMENT ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US ENERGY DEPT...FEDERAL GOVT-REG & ADM-COMMS/UTILITIES
 300 US ENV PROTECTION AGENCY...FEDERAL GOVT-ENVIRONMENTAL PROGRAMS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US FAA...FEDERAL GOVERNMENT-TRANSPORTATION PRGRMS
 300 US FEDERAL CONTRACT COMPLIANCE...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US FEDERAL HIGHWAY ADMIN...GOVERNMENT OFFICES-US
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US FOOD & DRUG ADMINISTRATION...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US FOOD & NUTRITION SVC...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US FOOD SAFETY INSPECTION SVC...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US HEALTH CARE FINANCING ADMIN...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US INTERIOR DEPT ISLAND ENHNC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US INTERNAL REVENUE SVC...GOVERNMENT OFFICES-US
 300 US INTERNAL REVENUE SVC...FEDERAL GOVERNMENT-FINANCE & TAXATION
 300 US JUSTICE DEPT...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US LABOR DEPT...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 US LAW ENFORCEMENT...FEDERAL GOVERNMENT-POLICE
 300 US MAGISTRATE JUDGE...FEDERAL GOVERNMENT-COURTS
 300 US MARSHALS SVC...FEDERAL GOVERNMENT-POLICE
 300 US MILITARY ENTRANCE PROC STA...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US PLANT PROTECTION QUARANTINE...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US PRETRIAL SVC...GOVERNMENT OFFICES-US
 300 US PROBATION & PAROLE OFFICE...PROBATION SERVICES
 300 US SECRET SVC...FEDERAL GOVERNMENT-POLICE
 300 US SMALL BUSINESS ADMIN...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US STATE DEPT...LEGISLATIVE BODIES
 300 US VETERANS AFFAIRS DEPT...FEDERAL GOVT-VETERANS AFFAIRS ADMIN
 300 US WORKERS COMPENSATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 VA MEDICAL & REGIONAL CTR...NONCLASSIFIED ESTABLISHMENTS

1 ALOHA SUSHI...WAREHOUSES
 1 ALOHA SUSHI...RESTAURANTS
 1 ALOHA TOWER BBQ...RESTAURANTS
 1 ALOHA TOWER SUNDRIES...RESTAURANTS
 1 ANN'S FASHION...CLOTHING-RETAIL
 1 BAD ASS COFFEE...COFFEE & TEA
 1 BIKINI CANTINA...RESTAURANTS
 1 CECI...CLOTHING-RETAIL
 1 CHAI'S ISLAND BISTRO...RESTAURANTS
 1 CRAZY FISH...CLOTHING-RETAIL
 1 DANIELLA...WOMEN'S APPAREL-RETAIL
 1 ELITE MASSAGE ACADEMY LLC...MASSAGE SCHOOLS
 1 EVENTS AT THE TOWER...FEDERAL GOVERNMENT CONTRACTORS
 1 EVENTS INTERNATIONAL INC...ENTERTAINERS
 1 FOOT LOCKER...SHOES-RETAIL
 1 GORDON BIERSCHE BREWERY RSTRNT...BARS
 1 GORDON BIERSCHE BREWERY RSTRNT...RESTAURANTS
 1 HAWAII ATHLETIC CLUB...GYMNASIUMS
 1 HAWAII ATHLETIC CLUB...HEALTH CLUBS STUDIOS & GYMNASIUMS
 1 HAWAIIAN FLAVORED T-SHIRTS...T-SHIRTS-RETAIL
 1 HAWAIIAN UKULELE CO...MUSICAL INSTRUMENTS-MANUFACTURERS
 1 HAWAIIAN WEAR ETC...CLOTHING-RETAIL
 1 HENRY KAAIHUE...RESIDENTIAL
 1 HERTZ RENT A CAR...AUTOMOBILE RENTING
 1 HIMAWARI BOUTIQUE...BOUTIQUE ITEMS-RETAIL
 1 HONOLULU NAIL BAR LLC...MANICURING
 1 HOOTERS...FOODS-CARRY OUT
 1 HOOTERS...RESTAURANTS
 1 ISLAND CASUAL...GIFT SHOPS
 1 ISLAND FASHIONS...HAWAIIAN WEAR-RETAIL
 1 MAG-NEAT-O...MAGNETS & MAGNETIC DEVICES (WHLS)
 1 MANDY MEGAN COLLECTIONS...APPAREL & GARMENTS-RETAIL
 1 MELROSE...CLOTHING-RETAIL
 1 NEW HOPE METRO...CHURCHES
 1 PERFUMANIA...PERFUME-RETAIL
 1 PIPE DREAMS SURF CO...SURFBOARDS
 1 PLATINUM LIMOUSINE SVC...LIMOUSINE SERVICE
 1 RAINBOW HAWAII SOUVENIRS...SOUVENIRS-RETAIL
 1 ROBERTS HAWAII TOURS...BOATS-RENTAL & CHARTER
 1 ROCKY MOUNTAIN CHOCOLATE...CANDY & CONFECTIONERY-RETAIL
 1 SAYUMI'S PRINCESS GARDEN SALON...BRIDAL SHOPS
 1 STAR APPAREL...HATS-RETAIL
 1 STARBUCKS...COFFEE SHOPS
 1 STEPHEN CIPRES...NONCLASSIFIED ESTABLISHMENTS
 1 SUBWAY...DELICATESSENS
 1 VILLA PIZZA...RESTAURANTS
 1 VILLA PIZZA...PIZZA
 1 VILLA THE @ ALOHA TOWER...NONCLASSIFIED ESTABLISHMENTS
 1 WELCH & WEEKS...ARCHITECTS

118 total records. Part 1 of 2

161 RESTAURANT PIER 7...RESTAURANTS
 171 RAINBOW YACHT...YACHT BROKERS
 177 INCARE HAWAII INC...TRAVEL AGENCIES
 177 INCARE HAWAII INC...TRAVEL AGENCIES & BUREAUS
 191 HAWAII MARITIME CTR LIBRARY...LIBRARIES
 191 HAWAII MARITIME CTR LIBRARY...SPECIAL INTEREST LIBRARIES
 191 PACIFIC CRUISES...CRUISES
 191 PACIFIC CRUISES...TRAVEL AGENCIES
 191 POLYNESIAN VOYAGING SOCIETY...ORGANIZATIONS
 296 PRUDENTIAL COMMERCIAL SVC...REAL ESTATE MANAGEMENT
 300 14TH COAST GUARD DISTRICT...COAST GUARD
 300 AMERICAN EXPRESS...TRAVEL AGENCY
 300 AMERICAN EXPRESS TRAVEL RLTD...TRAVEL AGENCIES & BUREAUS
 300 AT YOUR SVC CO...BLD MAINTENANCE SVS
 300 CLERKS OFFICE...COURT REPORTING SERVICE
 300 CONGRESSMAN NEIL ABERCROMBIE...GOVERNMENT OFFICES-US
 300 CORPORATION FOR NATIONAL SVC...GOVERNMENT OFFICES-US
 300 CORPORATION FOR NATIONAL SVC...GOVT OFFICES-US
 300 CPMS-AIH...COMPLAINTS INVESTIGATION/CIVILIAN PERSONNEL MANAGEMENT
 300 CYNTHIA FZIO FDRL CRT RPTOR...COURT REPORTER
 300 DISTRICT OF HAWAII...LAW ENFORCEMENT AGENCY
 300 FEDERAL BUREAU-INVSTIGATION...POLICE
 300 FEDERAL BUREAU-INVSTIGATION...FEDERAL GOVERNMENT-POLICE
 300 FEDERAL EXECUTIVE BOARD...GEN GOVERNMENT NEC
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 FEDERAL MEDIATION CONCILIATION...FEDERAL GOVERNMENT-
 LICENSING/INSPECTION
 300 FEDERAL MOTOR CARRIER SAFETY...GOVT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...FEDERAL PUBLIC DEFENDERS' OFFICE
 300 FEDERAL PUBLIC DEFENDER...LEGAL COUNSEL
 300 FISH & WILDLIFE SERVICE...ENVIRMTL QLTY/HOUSING
 300 GENERAL SVC ADM FEDERAL SUPPLY...GENERAL GOVERNMENT
 300 GSA FEDERAL SUPPLY SVC...GEN GOVERNMENT NEC
 300 HONOLULU FEDERAL EMPLOYEES CU...CREDIT UNIONS
 300 HONORABLE DAVID ALAN EZRA...GOVERNMENT OFFICES-US
 300 HONORABLE FRANCIS I YAMASHITA...GOVERNMENT OFFICES-US
 300 HONORABLE HELEN GILLMOR...GOVERNMENT OFFICES-US
 300 HONORABLE HERBERT YC CHOY...GOVERNMENT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVERNMENT OFFICES-US
 300 HONORABLE MARTIN PENCE...GOVERNMENT OFFICES-US
 300 HONORABLE SAMUEL P KING...GOVERNMENT OFFICES-US
 300 HONORABLE SUSAN OKI MOLLWAY...GOVERNMENT OFFICES-US
 300 INTERNAL REVENUE SERVICE...PUBLIC FIN,TAXATION
 300 INTERNAL REVENUE SERVICE...INTERNAL REVENUE SERVICE
 300 NATIONAL ASSOCIATION-RETIRED...RETIREMENT PLANNING SERVICES
 300 NATIONAL LABOR REL BOARD REGN...LABOR REGULATION AGENCY
 300 NATIONAL LABOR RELATIONS BOARD...ADMIN OF ECON PROG
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT-
 LICENSING/INSPECTION
 300 NATIONAL PARK SVC...AMUS, RECREATION SV
 300 NATURAL RESOURCES CONSERVATION...FEDERAL GOVERNMENT-
 CONSERVATION DEPTS
 300 NEVER QUIT ENTERPRISES INC...BUILDING MAINTENANCE
 300 OFFICE LABOR MGT STANDARDS...LABOR MANAGEMENT STANDARDS
 300 PRINCE JK KUHIO FED BLDG...ENVIRMTL QLTY/HOUSING
 300 PRINCE JK KUHIO FED BLDG...PUBLIC FIN,TAXATION
 300 PRINCE JK KUHIO FED BLDG...GOVT OFFICES-US
 300 PRINCE JK KUHIO FED BLDG...INVESTMENT ADVICE
 300 PRINCE JK KUHIO FED BLDG...LIBRARIES
 300 PRINCE JK KUHIO FED BLDG...ADMIN OF ECON PROG
 300 PRINCE JK KUHIO FED BLDG...SECY,COURT REPTG SV
 300 PRINCE JK KUHIO FED BLDG...CAFE/DINER/FAMILY REST
 300 PRINCE JK KUHIO FED BLDG...HUM RES CONSULT SVCS
 300 PRINCE JK KUHIO FED BLDG...NATIONAL SECURITY
 300 PRINCE JK KUHIO FED BLDG...COURTS
 300 PRINCE KUHIO CAFE...BUSINESS SERVICES
 300 PRINCE KUHIO CAFE FRESH & NTRL...RESTAURANTS
 300 RAINBOW SCHOOLS...CHILD CARE SERVICE

Part 2 of 2

300 RAINBOW SCHOOLS...CHILD DAY CARE SVS
 300 REPRESENTATIVE PATSY T MINK...GOVT OFFICES-US
 300 REPRESENTATIVE PATSY T MINK...GOVERNMENT OFFICES-US
 300 REPRESENTATIVE NEIL ABERCROMBIE...CONGRESSMAN
 300 ROLAND PAUL UNCIANO...CONTRACT GUARD SERVICE
 300 SCORE...SOCIAL SERVICES NEC
 300 SENATOR DANIEL K INOUE...GOVERNMENT OFFICES-US
 300 SMALL BUSINESS ADMINISTRATION...ADMIN OF ECON PROG
 300 STEPHEN B PLATT...COURT & CONVENTION REPORTERS
 300 U S PRETRIAL SERVICES OFFICES...LEGAL SERVICES OFFICE
 300 UNITED STATES DISTRICT COURT...SECRETARIAL/COURT REPORTING
 300 US AIR FORCE JOINT RESCUE CTR...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US ALCOHOL TOBACCO & FIREARMS...POLICE
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENT-POLICE
 300 US ATTORNEY...LEGAL COUNSEL
 300 US COAST GUARD...NATIONAL SECURITY
 300 US COAST GUARD...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US COURT LIBRARY...LIBRARIES-PUBLIC
 300 US CUSTOMS & BORDER PROTECTION...PUBLIC FIN,TAXATION
 300 US DEFENSE CONTRACT AUDIT AGCY...NATIONAL SECURITY
 300 US DEFENSE SECURITY SVC...GOVERNMENT OFFICES-US
 300 US DEFENSE SECURITY SVC...GOVT OFFICES-US
 300 US DISTRICT COURT...COURTS
 300 US DISTRICT COURT CLERK...FEDERAL GOVERNMENT-COURTS
 300 US DRUG ENFORCEMENT ADMIN...POLICE
 300 US ECONOMIC DEVELOPMENT ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US ECONOMIC DEVELOPMENT ADM...ADMIN OF ECON PROG
 300 US ENERGY DEPT...FEDERAL GOVT-REG & ADM-COMMS/UTILITIES
 300 US ENV PROTECTION AGENCY...FEDERAL GOVT-ENVIRONMENTAL PROGRAMS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US EQUAL EMPLOYMENT OPPORTUNITY...SOCIAL/HUMAN SERVS
 300 US FAA...FEDERAL GOVERNMENT-TRANSPORTATION PRGRMS
 300 US FEDERAL CONTRACT COMPLIANCE...ADMIN OF ECON PROG
 300 US FEDERAL HIGHWAY ADMIN...GOVT OFFICES-US
 300 US HEALTH CARE FINANCING ADM...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US INTERIOR DEPT ISLAND ENHNC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US JOB TRAINING PARTNERSHIP...JOB TRAINING,REL SV
 300 US LABOR DEPT...ADMIN OF ECON PROG
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US PRETRIAL SVC...GOVT OFFICES-US
 300 US PRETRIAL SVC...GOVERNMENT OFFICES-US
 300 US PROBATION & PAROLE OFFICE...SOCIAL SERVICES
 300 US PROBATION OFFICE...INDIVIDUAL/FAMILY SERVICES
 300 US REP NEIL ABERCROMBIE...GOVT OFFICES-US
 300 US SECRET SVC...POLICE
 300 US SENATOR DANIEL AKAKA...GOVT OFFICES-US
 300 US SENATOR DANIEL INOUE...GOVT OFFICES-US
 300 US SMALL BUSINESS ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US STATE DEPT...GOVERNMENT OFFICES-US
 300 US VETERANS AFFAIRS DEPT...FEDERAL GOVT-VETERANS AFFAIRS ADMIN
 300 US WORKERS COMPENSATION...SOCIAL/HUMAN SERVS
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-GENERAL OFFICES

168 total records. Part 1 of 3

1 ALL THAT ALOHA...T-SHIRTS-RETAIL
 1 ALOHA BOAT DAYS COMMITTEE...MEMBERSHIP SPORT/RECREATION CLUB TRAVEL AGENCY
 1 ALOHA CANDLE SHOP...CANDLES
 1 ALOHA TOWER BBQ...RESTAURANTS
 1 ALOHA TOWER BBQ...BARBEQUE MENU
 1 ALOHA TOWER JEWELRY...JEWELERS-RETAIL
 1 ALOHA TOWER MARKETPLACE...BUSINESS SVS NEC
 1 ALOHA TOWER MARKETPLACE...WATER TRANSP SV NEC
 1 ALOHA TOWER MARKETPLACE...SHOPPING CTR OPER
 1 ALOHA TOWER MARKETPLACE...SHOE STORES
 1 ALOHA TOWER MARKETPLACE...TOUR OPERATORS
 1 ALOHA TOWER MARKETPLACE...ENTERTAINERS, BANDS
 1 ALOHA TOWER MARKETPLACE...JEWEL,PREC STNES/MTLS
 1 ALOHA TOWER MARKETPLACE...BEVERAGE STORES
 1 ALOHA TOWER MARKETPLACE...SHOPPING CENTERS & MALLS
 1 ALOHA TOWER MARKETPLACE...GIFT SHOP
 1 ALOHA TOWER MARKETPLACE...AMUS, RECREATION SV
 1 ALOHA TOWER MARKETPLACE...CANDY, NUT, CNF STR
 1 ALOHA TOWER MARKETPLACE...BRIDAL SHOPS
 1 ALOHA TOWER MARKETPLACE...MORTGAGE BANKERS
 1 ALOHA TOWER MARKETPLACE...EATING PLACES
 1 ALOHA TOWER MARKETPLACE...NCLASSIFIABLE ESTAB
 1 ALOHA TOWER MARKETPLACE...OPTICAL GOODS STRS
 1 ALOHA TOWER MARKETPLACE...SPORTS APPAREL
 1 ALOHA TOWER MARKETPLACE...FAMILY CLOTHING STR
 1 ALOHA TOWER SUNDRIES...EATING PLACES
 1 ALOHA TOWER SUNDRIES...RESTAURANTS
 1 ALPINE INDUSTRIES...SPORTING GDS & BCY
 1 ALPINE INDUSTRIES...SNOWBOARDS-RETAIL
 1 AN AN FASHION...CLOTHING-RETAIL
 1 ANIMATION MAGIC INC...RET GIFT SHOP
 1 BAD ASS COFFEE CO...COFFEE & TEA
 1 BAD ASSN COFFEE CO...EATING PLACE
 1 BELINDAS KITCHEN...EATING PLACE
 1 BEYOND THE BEACH...SUNGLASSES & SUN GOGGLES
 1 BIG ISLAND STEAK HOUSE...RESTAURANTS
 1 BIG ISLAND STEAKHOUSE THE...EATING PLACE
 1 BIKINI CANTINA...MEXICAN MENU
 1 BIKINI CANTINA...RESTAURANTS
 1 BISHOP SQUARE ASSOCIATE PARTNR...REAL ESTATE AGENT/MANAGER
 1 BLACK PEARL GALLERY...JEWELERS-RETAIL
 1 BUNGALOW BAY...CLOTHING-RETAIL
 1 BUNGALOW BAY...FAMILY CLOTHING STR
 1 CANNON PACIFIC...RET DAIRY PRODUCTS
 1 CASA MIAS...QUICK SERV PIZZA PARLOR
 1 CHAI'S ISLAND BISTRO...RESTAURANTS
 1 COFFEE CO...RET MISC FOODS EATING PLACE
 1 CRAZY FISH...SPORTSWEAR-WHOLESALE
 1 CRAZY FISH INC...RET WOMEN'S CLOTHING
 1 CRUISE CONCIERGE...TOUR OPERATORS
 1 CRUISE CONCIERGE...CRUISES
 1 DANIELLA...WOMEN'S APPAREL-RETAIL
 1 DANIELLA...WOMEN'S CL STORES
 1 DANNY FIRST...GIFT SHOPS
 1 DELANO & SEYMOUR'S HAWAIIAN...FURNITURE-DEALERS-RETAIL
 1 DON HO'S ISLAND GRILL...RESTAURANTS
 1 DON HOS ISLAND GRILL...EATING PLACES
 1 ELEGANCE COLLECTION...LEATHER GOODS-DEALERS
 1 ELITE PACIFIC PROPERTIES...REAL ESTATE AGT,MGR
 1 ENDANGERED SPECIES...GIFT SHOPS
 1 FASHION WORLD...CLOTHING-RETAIL
 1 FASHION WORLD...WOMEN'S CL STORES
 1 FOOT LOCKER...SHOES-RETAIL
 1 GELATERIA UNO...ICE CREAM PARLORS
 1 GORDON BIRSCH BREWERY RSTRNT...RESTAURANTS
 1 HAPPA COLLECTIONS...ART GALLERIES & DEALERS
 1 HAWAII 1-100 PHOTO SVC INC...PHOTOFINISHING LAB
 1 HAWAII 1-100 PHOTO SVC INC...PHOTO FINISHING-RETAIL

Part 2 of 3

1 HAWAII ACTIVITIES...TOURS-OPERATORS & PROMOTERS
 1 HAWAII OCEAN INDUSTRY...ONLINE TOURIST ACTIVITIES SERVICES
 1 HAWAII OCEAN INDUSTRY...SURVEYORS-MARINE
 1 HAWAIIAN FLAVORED T-SHIRTS...T-SHIRTS,CUST PRINTED
 1 HAWAIIAN ISLAND ARTS...MISC APPAREL & ACC
 1 HAWAIIAN ISLAND ARTS...HATS-RETAIL
 1 HAWAIIAN ISLAND COLLECTIONS...GIFT SHOPS
 1 HAWAIIAN PACIFIC CRAFTS...GIFT SHOP
 1 HAWAIIAN PACIFIC CRAFTS...GIFT SHOPS
 1 HAWAIIAN UKULELE CO...MUSICAL INSTRUMENTS
 1 HAWAIIAN UKULELE CO...MUSICAL INSTRUMENTS-WHOLESALE
 1 HAWAIIAN WEAR ETC...CLOTHING-RETAIL
 1 HIBISCUS COLLECTION...FAMILY CLOTHING STR
 1 HIBISCUS COLLECTION...CLOTHING-RETAIL
 1 HIMAWARI BOUTIQUE...BOUTIQUES
 1 HIMAWARI BOUTIQUE...BOUTIQUE ITEMS-RETAIL
 1 HOLLYWOOD USA...RET GIFTS/NOVELTIES
 1 HONG KONG HARBOR VIEW SEAFOOD...RESTAURANTS
 1 HONG KONG HARBOUR VIEW SEAFOOD...EATING PLACE
 1 HONOLULU NAIL BAR LLC...BEAUTY SHOPS
 1 HONOLULU NAIL BAR LLC...MANICURING
 1 HOOTERS...RESTAURANTS
 1 HOOTERS...CAFE/DINER/FAMILY REST
 1 IMPERIAL GALLERY...RET JEWELRY
 1 IMPERIAL GALLERY...JEWEL,PREC STNES/MTLS
 1 ISLAND ART GALLERIES...ART GALLERIES & DEALERS
 1 ISLAND ART GALLERY...RET ART GALLERY WHOL & RET ART FRAMER
 1 ISLAND CASUAL...GIFT SHOP
 1 ISLAND COFFEE & CIGAR...COFFEE & TEA
 1 ISLAND FASHIONS...SPORTSWEAR-RETAIL
 1 ISLAND FASHIONS...FAMILY CLOTHING STR
 1 ISLAND HULA STUDIO...HULA SUPPLIES-RETAIL
 1 JTB CHART...TOUR OPERATORS
 1 KABUTO...EATING PLACES
 1 KAPONO INC...ENTERTAINERS-FAMILY & BUSINESS
 1 KAPONO INC...ENTERTAINER/ENTERTAINMENT GROUP
 1 KAPONO'S...RESTAURANTS
 1 KHK LIVING SENSE...GIFT SHOPS
 1 KHK LIVING SENSE...GIFT SHOP
 1 KIDS WORLD...CHLD,INFANTS' WEAR
 1 KIM HONG JIP...RET WOMEN'S CLOTHING
 1 LANDMARK HOTELS GROUP...HOTELS & MOTELS
 1 LANDMARK HOTELS INC...HOTEL & MOTEL MANAGEMENT
 1 LES MONTRES & SUNGLASS CITY...OPTICAL GOODS STRS
 1 LIVING SENSE...GIFT, NOVELTY, AND SOUVENIR SHOP, NSK
 1 MAG-NEAT-O...MAGNETS & MAGNETIC DEVICES (WHOLESALE)
 1 MAG-NEAT-O...DURABLE GOODS NEC
 1 MANDY MEGAN COLLECTIONS...NONCLASSIFIABLE ESTAB
 1 MANDY MEGAN COLLECTIONS...NONCLASSIFIED ESTABLISHMENTS
 1 MARINE TRAFFIC CONTROL UNIT...STATE MARINE TRANSPORTATION AGENCY
 1 MARTIN & MAC ARTHUR...FURNITURE-DEALERS-RETAIL
 1 MARTIN & MACARTHUR...MFG WOOD FURNITURE
 1 MELROSE...WOMEN'S CL STORES
 1 MELROSE...CLOTHING-RETAIL
 1 MILLENNIUM...GIFT SHOPS
 1 MIRACLE HAWAII COLLECTION...GIFT SHOP
 1 MMI REALTY SVC INC...REAL ESTATE AGT,MGR
 1 OLI OLI PARK...TRAVEL AGENCIES
 1 OLI OLI PARK...TRAVEL AGENCIES & BUREAUS
 1 OLIVIA EURO COLLECTION...GIFT SHOPS
 1 OLIVIA EURO COLLECTION...GIFT SHOP
 1 OUT OF THE WEST INC...WESTERN APPAREL
 1 OUT OF THE WEST INC...RET MEN'S/BOYS' CLOTHING
 1 PACIFIC EDGE ENTERPRISES LLC...EXERCISE EQUIPMENT-RETAIL
 1 PACIFIC EYES...SUNGLASSES & SUN GOGGLES
 1 PARADISE COLLECTION UNLIMITED...GIFT SHOP
 1 PARADISE COLLECTION UNLIMITED...GIFT SHOPS
 1 PERFUMANIA...COSMETICS & PERFUMES-RETAIL

Part 3 of 3

1 PERFUMANIA...MISC RETAIL STORES
 1 PET GEAR...PET SUPPLIES & FOODS-RETAIL
 1 PET GEAR...PETS,PET SUPPS
 1 PIPE DREAMS SURF CO...SPORTING GDS & BCY
 1 PRECIOUS JEWELRY & ACCESSORIES...JEWELERS-RETAIL
 1 ROCKY MOUNTAIN CHOCOLATE FCTRY...CANDY & CONFECTIONERY-RETAIL
 1 ROYAL YAKINIKU RESTAURANT...EATING PLACES
 1 SAYUMI'S PRINCESS GARDEN SALON...BRIDAL SHOPS
 1 SAYUMIS PRINCESS GARD & BRID...RET WOMEN'S CLOTHING
 1 SOS BOUTIQUE...MISCELLANEOUS RETAIL STORES NEC
 1 STAR APPAREL...HATS-RETAIL
 1 STAR APPAREL...MISC APPAREL & ACC
 1 STARBUCKS...COFFEE SHOP
 1 STONE GEAR ALOHA TOWER...CLOTHING-RETAIL
 1 SUBWAY SANDWICH SHOP...QUICK SERV SANDWICH/DELI
 1 SUNDANCE...RET BATHING SUITS
 1 SUNGLASS CITY...RET MISC MERCHANDISE
 1 SUNGLASS HUT...SUNGLASSES & SUN GOGGLES
 1 SUNGLASS KING...OPTICAL GOODS STRS
 1 SWEET FACTORY...CANDY & CONFECTIONERY-RETAIL
 1 T GALLERY...RET BLACKPEARL JEWELRY
 1 TRINITY INVESTMENT TRUST...SUBDIVIDERS & DEVEL
 1 VILLA PIZZA...QUICK SERV PIZZA PARLOR
 1 WELCH & WEEKS...ARCHITECTURAL SVS
 1 WELCH & WEEKS...ARCHITECTS
 1 WORLD OF HATS...RET MEN'S/BOYS' CLOTHING RET MISC APPAREL/ACCESSORIES
 1 WORLD OF HATS...NONCLASSIFIABLE ESTAB
 1 WYLAND GALLERIES...RET MISC MERCHANDISE
 1 WYLAND GALLERIES HAWAII...ART GALLERIES & DEALERS
 1 WYLAND GALLERIES HAWAII...ART GALLERIES/DEALERS
 1 YOKOZUNA RESTAURANT...RESTAURANTS
 1 YOKOZUNA RESTAURANT...EATING PLACES

81 total records. Part 1 of 2

171 RAINBOW YACHT...YACHT BROKERS
 176 PHIL BONASEVA...RESIDENTIAL
 177 INCARE HAWAII INC...TRAVEL AGENCIES & BUREAUS
 177 YOSHIO INUKAI...RESIDENTIAL
 300 AT YOUR SVC CO...BUILDING MAINTENANCE
 300 ATTYS EXECUTOR OFF FOR US...ATTORNEYS
 300 CORP FOR NATIONAL SVC...GOVERNMENT OFFICES-US
 300 CUSTOMS BOADER PATROL PROTCTN...FEDERAL GOVERNMENT-POLICE
 300 CYNTHIA FAZIO FED COURT RPTR...SECRETARIAL & COURT REPORTING SERVICES
 300 ESM PRODUCTIONS...NONCLASSIFIED ESTABLISHMENTS
 300 FEDERAL BUREAU-INVIGATION...FEDERAL GOVERNMENT-POLICE
 300 FEDERAL EXECUTIVE BOARD...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 FEDERAL MOTOR CARRIER SAFETY...GOVERNMENT OFFICES-US
 300 FEDERAL PUBLIC DEFENDER...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 GSA FEDERAL SUPPLY SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 HONOLULU PERSONNEL MANAGEMENT...PERSONNEL CONSULTANTS
 300 HONORABLE DAVID ALAN EZRA...GOVERNMENT OFFICES-US
 300 HONORABLE FRANCIS I YAMASHITA...GOVERNMENT OFFICES-US
 300 HONORABLE HELEN GILLMOR...GOVERNMENT OFFICES-US
 300 HONORABLE HERBERT YC CHOY...GOVERNMENT OFFICES-US
 300 HONORABLE KEVIN SC CHANG...GOVERNMENT OFFICES-US
 300 HONORABLE LESLIE E KOBAYASHI...GOVERNMENT OFFICES-US
 300 HONORABLE SAMUEL P KING...GOVERNMENT OFFICES-US
 300 HONORABLE SUSAN OKI MOLLWAY...GOVERNMENT OFFICES-US
 300 NATIONAL ASSOCIATION-RETIRED...RETIREMENT PLANNING SERVICES
 300 NATIONAL LABOR RELATIONS BOARD...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 NATIONAL MARINE FISHERIES SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 NATIONAL PARK SVC...PARKS
 300 NATURAL RESOURCES CONSERVATION...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 PRINCE KUHIO CAFE...RESTAURANTS
 300 REP COLLEEN HANABUSA...GOVERNMENT OFFICES-US
 300 REPRESENTATIVE MAZIE K HIRONO...GOVERNMENT OFFICES-US
 300 SENATOR DANIEL K AKAKA...GOVERNMENT OFFICES-US
 300 SENATOR DANIEL K INOUYE...GOVERNMENT OFFICES-US
 300 SWINERTON BUILDERS...BUILDING CONTRACTORS
 300 US & FOREIGN COMMERCIAL SVC...GOVERNMENT OFFICES-US
 300 US ALCOHOL TOBACCO & FIREARMS...FEDERAL GOVERNMENT-POLICE
 300 US ARMY AUDIT AGENCY...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US ATTORNEY...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US CONSOLIDATED FARM SVC AGCY...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US COURT LIBRARY...FEDERAL GOVERNMENT-LIBRARIES
 300 US CUSTOMS SVC...FEDERAL GOVERNMENT-INTERNATIONAL AFFAIRS
 300 US DEFENSE DEPT...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEFENSE INVESTIGATIVE SVC...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US DEFENSE SECURITY SVC...GOVERNMENT OFFICES-US
 300 US DISTRICT COURT CLERK...FEDERAL GOVERNMENT-COURTS
 300 US DISTRICT COURT JUDGE...FEDERAL GOVERNMENT-COURTS
 300 US DRUG ENFORCEMENT ADMIN...FEDERAL GOVERNMENT-POLICE
 300 US ECONOMIC DEVELOPMENT ADM...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US ENERGY DEPT...FEDERAL GOVT-REG & ADM-COMMS/UTILITIES
 300 US ENV PROTECTION AGENCY...FEDERAL GOVT-ENVIRONMENTAL PROGRAMS
 300 US EQUAL EMPLOYMENT OPPORTUNTY...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US FAA...FEDERAL GOVERNMENT-TRANSPORTATION PRGRMS
 300 US FEDERAL CONTRACT COMPLIANCE...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US FEDERAL HIGHWAY ADMIN...GOVERNMENT OFFICES-US
 300 US FISH & WILDLIFE SVC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US FOOD & DRUG ADMINISTRATION...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US FOOD SAFETY INSPECTION SVC...FEDERAL GOVERNMENT-AGRICULTURAL PROGRAMS
 300 US HEALTH & HUMAN SVC DEPT...FEDERAL GOVERNMENT-PUBLIC HLTH PROGRAMS
 300 US HEALTH CARE FINANCING ADMIN...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS

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300 US INTERIOR DEPT ISLAND ENHNC...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US INTERNAL REVENUE SVC...FEDERAL GOVERNMENT-FINANCE & TAXATION
 300 US JUSTICE DEPT...FEDERAL GOVERNMENT-LEGAL COUNSEL
 300 US LABOR DEPT...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR DEPT WAGE & HOUR DIV...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US LABOR RELATIONS BOARD...GOVERNMENT OFFICES-US
 300 US LAW ENFORCEMENT...FEDERAL GOVERNMENT-POLICE
 300 US MAGISTRATE JUDGE...FEDERAL GOVERNMENT-COURTS
 300 US MARSHALS SVC...FEDERAL GOVERNMENT-POLICE
 300 US MILITARY ENTRANCE PROC STA...FEDERAL GOVERNMENT-NATIONAL SECURITY
 300 US OCCUPATION SAFETY & HEALTH...FEDERAL GOVERNMENT-LICENSING/INSPECTION
 300 US PLANT PROTECTION QUARANTINE...FEDERAL GOVERNMENT-CONSERVATION DEPTS
 300 US PRETRIAL SVC...GOVERNMENT OFFICES-US
 300 US PROBATION & PAROLE OFFICE...PROBATION SERVICES
 300 US SECRET SVC...FEDERAL GOVERNMENT-POLICE
 300 US SMALL BUSINESS ADMIN...FEDERAL GOVERNMENT-ECONOMIC PROGRAM ADM
 300 US SOCIAL SECURITY ADMIN...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 US VETERANS AFFAIRS DEPT...FEDERAL GOVT-VETERANS AFFAIRS ADMIN
 300 US WORKERS COMPENSATION...FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS
 300 USGSA PUBLIC BUILDING SVC...FEDERAL GOVERNMENT-GENERAL OFFICES
 300 VA MEDICAL & REGIONAL CTR...NONCLASSIFIED ESTABLISHMENTS

1 ALOHA SUSHI...WAREHOUSES
 1 ALOHA TOWER JEWELRY...JEWELERS-RETAIL
 1 ANN'S FASHION...CLOTHING-RETAIL
 1 AT HULA...HULA SUPPLIES-RETAIL
 1 BAY BUNGALOW...RESIDENTIAL
 1 BIKINI CANTINA...RESTAURANTS
 1 BLACK PEARL GALLERY...JEWELERS-RETAIL
 1 CAFE JUNE...CAFES
 1 CECI...CLOTHING-RETAIL
 1 CHAI'S ISLAND BISTRO...RESTAURANTS
 1 COVER DAT ACCESSORIES...CELLULAR TELEPHONES-EQUIPMENT & SUPPL
 1 CRAZY FISH...CLOTHING-RETAIL
 1 DANIELLA...WOMEN'S APPAREL-RETAIL
 1 DON HO'S ISLAND GRILL...RESTAURANTS
 1 ELITE MESSAGE ACADEMY LLC...MASSAGE THERAPISTS
 1 ELITE PACIFIC PROPERTIES...REAL ESTATE
 1 EVENTS AT THE TOWER...BANQUET ROOMS
 1 EVENTS INTERNATIONAL INC...EVENTS-SPECIAL
 1 GORDON BIERSCHE BREWERY RSTRNT...RESTAURANTS
 1 HAWAII ATHLETIC CLUB...HEALTH CLUBS STUDIOS & GYMNASIUMS
 1 HAWAIIAN UKULELE CO...MUSICAL INSTRUMENTS-DEALERS
 1 HAWAIIAN WEAR ETC...CLOTHING-RETAIL
 1 HI TOWN CAFE...RESTAURANTS
 1 HIBISCUS COLLECTION...GIFT SHOPS
 1 HIMAWARI BOUTIQUE...BOUTIQUE ITEMS-RETAIL
 1 HOLOKAI GIFT...GIFT SHOPS
 1 HONOLULU NAIL BAR LLC...MANICURING
 1 HOOTERS...RESTAURANTS
 1 IMPERIAL GALLERY...JEWELERS-RETAIL
 1 ISLAND CASUAL...GIFT SHOPS
 1 ISLAND FASHIONS...HAWAIIAN WEAR-RETAIL
 1 ISLAND VINTAGE COFFEE...COFFEE & TEA
 1 JTB CHART...TOURS-OPERATORS & PROMOTERS
 1 KHK LIVING SENSE...GIFT SHOPS
 1 LANDMARK HOTELS INC...HOTEL & MOTEL MANAGEMENT
 1 MAG-NEAT-O...MAGNETS & MAGNETIC DEVICES (WHLS)
 1 MELROSE...CLOTHING-RETAIL
 1 MIRACLE HAWAII COLLECTION...GIFT SHOPS
 1 NICKY SHOE CO...SHOES-RETAIL
 1 OLIVIA EURO COLLECTION...GIFT SHOPS
 1 PACIFIC CABANA...CLOTHING-RETAIL
 1 PIPE DREAMS SURF CO...SURFBOARDS
 1 PLATINUM LIMOUSINE SVC...LIMOUSINE SERVICE
 1 POINT OF VIEW...NONCLASSIFIED ESTABLISHMENTS
 1 PRECIOUS BOUTIQUE...CLOTHING-RETAIL
 1 PRECIOUS JEWELRY & ACCESSORIES...JEWELERS-RETAIL
 1 RAINBOW HAWAII SOUVENIRS...SOUVENIRS-RETAIL
 1 RED BAMBOO...NONCLASSIFIED ESTABLISHMENTS
 1 SAYUMI'S PRINCESS GARDEN SALON...BRIDAL SHOPS
 1 SPARKLE...NONCLASSIFIED ESTABLISHMENTS
 1 STAR APPAREL...HATS-RETAIL
 1 SUBWAY...RESTAURANTS
 1 SWEET FACTORY...CANDY & CONFECTIONERY-RETAIL
 1 THOMAS CALVERT & ASSOC INC...FISH & SEAFOOD-BROKERS (WHLS)
 1 TRENDY'S...SPORTSWEAR-RETAIL
 1 VILLA PIZZA...PIZZA
 1 WORLD OF HATS...NONCLASSIFIED ESTABLISHMENTS

79 total records. Part 1 of 2

177 INCARE HAWAII INC
 191 HAWAII MARITIME CTR LIBRARY
 191 POLYNESIAN VOYAGING SOCIETY
 300 AMERICAN EXPRESS ONE
 300 AMERICAN EXPRESS TRAVEL RLTD...TRANSPORTATION TICKET OFFICES
 300 ASSOC RETIRED FEDERAL EMPLOYEE
 300 CHUN TERRENCE...FORMAL WRITING SERVICES
 300 CONGRESSMAN NEIL ABERCROMBIE...LEGISLATIVE BODIES, NATIONAL
 300 CONGRESSMAN PATSY MINK...LEGISLATIVE BODIES, NATIONAL
 300 CORPORATION FOR NATIONAL SVC...LEGISLATIVE BODIES, NATIONAL
 300 DANIEL K SENATOR INOUIE...RESIDENTIAL
 300 DEBRA CHUN...RESIDENTIAL
 300 FEDERAL EXECUTIVE BOARD...GENERAL GOVERNMENT ADMINISTRATION
 300 FEDERAL MEDIATION CONCILIATION...FINANCIAL REGULATORY AGENCY
 300 FEDERAL PUBLIC DEFENDER...PROSECUTING PARTIES
 300 GENERAL SVC ADM FEDERAL SUPPLY...GENERAL GOVERNMENT
 ADMINISTRATION
 300 HONOLULU FEDERAL EMPLOYEES CU...AUTOMOBILE AND CONSUMER
 FINANCE COMPANIES
 300 HONORABLE ALAN C KAY...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE BARRY M KURREN...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE DAVID ALAN EZRA...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE HELEN GILLMOR...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE HERBERT YC CHOY...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE KEVIN SC CHANG...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE LESLIE E KOBAYASHI...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE SAMUEL P KING...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE SUSAN OKI MOLLWAY...LEGISLATIVE BODIES, NATIONAL
 300 NATIONAL LABOR RELATIONS BOARD...FINANCIAL REGULATORY AGENCY
 300 NATIONAL MARINE FISHERIES SVC...WILDLIFE CONSERVATION AGENCIES
 300 NATIONAL PARK SVC
 300 PLATT STEPHEN B...FORMAL WRITING SERVICES
 300 RAINBOW SCHOOLS
 300 REPRESENTATIVE PATSY T MINK...LEGISLATIVE BODIES, NATIONAL
 300 SENATOR DANIEL K AKAKA...LEGISLATIVE BODIES, NATIONAL
 300 SENATOR DANIEL K INOUIE...LEGISLATIVE BODIES, NATIONAL
 300 STEPHEN B PLATT...RESIDENTIAL
 300 TERRENCE CHUN...RESIDENTIAL
 300 US AIR FORCE JOINT RESCUE CTR
 300 US ARMY RECRUITING
 300 US ATTORNEY...PROSECUTING PARTIES
 300 US COAST GUARD
 300 US COAST GUARD MARINE SAFETY
 300 US CUSTOMS SVC...TAXATION
 300 US CUSTOMS SVC ENFORCEMENT...TAXATION
 300 US DEFENSE CONTRACT AUDIT AGCY
 300 US DEFENSE INVESTIGATIVE SVC
 300 US DEFENSE SECURITY SVC...LEGISLATIVE BODIES, NATIONAL
 300 US DISTRICT COURT CLERK
 300 US DISTRICT COURT JUDGE
 300 US DRUG ENFORCEMENT ADM...POLICE PROTECTION, INTERSTATE AND
 FEDERAL
 300 US ECONOMIC DEVELOPMENT ADM
 300 US ENERGY DEPT
 300 US ENV PROTECTION AGENCY...ENVIRONMENTAL AGENCIES
 300 US EQUAL EMPLOYMENT OPPORTUNITY...INCOME MAINTENANCE
 PROGRAMS
 300 US FAA...AIRCRAFT REGULATING AGENCIES
 300 US FEDERAL BUREAU INVSTGTR...LEGISLATIVE BODIES, NATIONAL
 300 US FEDERAL CONTRACT COMPLIANCE...FINANCIAL REGULATORY AGENCY
 300 US FEDERAL HIGHWAY ADM...HIGHWAY SIGNS AND GUARDRAILS
 300 US FEDERAL JOB INFORMATION...FINANCIAL REGULATORY AGENCY
 300 US FISH & WILDLIFE SVC...WILDLIFE CONSERVATION AGENCIES
 300 US FOOD & DRUG ADM
 300 US FOOD & NUTRITION SVC
 300 US FOOD SAFETY INSPECTION SVC

Part 2 of 2

300 US INTERIOR DEPT ISLAND ENHNC...WILDLIFE CONSERVATION AGENCIES
 300 US INTERNAL REVENUE SVC...TAXATION
 300 US JUSTICE DEPT...PROSECUTING PARTIES
 300 US LABOR DEPT...FINANCIAL REGULATORY AGENCY
 300 US LAW ENFORCEMENT...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US MAGISTRATE JUDGE
 300 US MARSHALS SVC...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US PLANT PROTECTION QUARANTINE...WILDLIFE CONSERVATION AGENCIES
 300 US PRETRIAL SVC...LEGISLATIVE BODIES, NATIONAL
 300 US PROBATION & PAROLE OFFICE
 300 US SECRET SVC...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US SMALL BUSINESS ADM
 300 US STATE DEPT...LEGISLATIVE BODIES, NATIONAL
 300 US VETERANS AFFAIRS DEPT
 300 US WORKERS COMPENSATION...INCOME MAINTENANCE PROGRAMS
 300 USGSA PUBLIC BUILDING SVC...GENERAL GOVERNMENT ADMINISTRATION
 300 YUKIE H ICHIKAWA...RESIDENTIAL

89 total records. Part 1 of 2

1 ALI'I KAI CATAMARAN...GAMBLING AND LOTTERY SERVICES
 1 ALOHA CANDLE SHOP
 1 ALOHA FASHION SPORTS
 1 ALOHA TOWER MARKETPLACE...COMMERCIAL AND INDUSTRIAL BUILDING OPERATION
 1 ALOHA TOWER SUNDRIES...STEAK AND BARBECUE RESTAURANTS
 1 ALOHA TOWER TRADERS
 1 ALPINE INDUSTRIES
 1 AN AN FASHION
 1 ANIMATION MAGIC INC
 1 BAD ASS COFFEE CO
 1 BELINDA'S ALOHA KITCHEN...STEAK AND BARBECUE RESTAURANTS
 1 BEYOND THE BEACH
 1 BIG ISLAND STEAK HOUSE...STEAK AND BARBECUE RESTAURANTS
 1 BLACK PEARL GALLERY
 1 BUNGALOW BAY
 1 CASA MIA
 1 CHAI'S ISLAND BISTRO...STEAK AND BARBECUE RESTAURANTS
 1 CRAZY FISH
 1 DANIELLA...WOMEN'S SPECIALTY CLOTHING STORES
 1 DANNY FIRST
 1 DON HO'S ISLAND GRILL...STEAK AND BARBECUE RESTAURANTS
 1 ELEGANCE COLLECTION
 1 ENDANGERED SPECIES
 1 FOOT LOCKER...CUSTOM AND ORTHOPEDIC SHOES
 1 FRESH FISH INC
 1 GORDON BIRSCH BREWERY RSTRNT...STEAK AND BARBECUE RESTAURANTS
 1 HAWAII 1-100 PHOTO SVC INC...PHOTOGRAPHIC SERVICES
 1 HAWAII ACTIVITIES...ICE SPORTS
 1 HAWAII OCEAN INDUSTRY...MARINE SALVAGING AND SURVEYING SERVICES
 1 HAWAII PARADISE JEWELRY
 1 HAWAIIAN FLAVORED T-SHIRTS
 1 HAWAIIAN HOUSE
 1 HAWAIIAN PACIFIC CRAFTS
 1 HAWAIIAN UKULELE CO
 1 HAWAIIAN WEAR ETC
 1 HIBISCUS COLLECTION
 1 HONG KONG HARBOURVIEW SEAFOOD...STEAK AND BARBECUE RESTAURANTS
 1 HOOTERS...STEAK AND BARBECUE RESTAURANTS
 1 HULA PRINTS INC
 1 HUSH-A-BYE BABY
 1 IMPERIAL GALLERY
 1 ISLAND ART GALLERIES
 1 ISLAND COFFEE & CIGAR
 1 ISLAND HULA STUDIO
 1 ISLAND STYLE
 1 KAMAAINA INC JANITORIAL CARPET...BUILDING COMPONENT CLEANING SERVICE
 1 KAPONO INC
 1 KAPONO'S...STEAK AND BARBECUE RESTAURANTS
 1 KEIKI HAWAII...RESIDENTIAL
 1 KIDS WORLD
 1 LANDMARK HOTELS INC
 1 LIVING SENSE
 1 MAGNET FIVE-O
 1 MARITIME SPECIALIST INC...MARINE SALVAGING AND SURVEYING SERVICES
 1 MARTIN & MAC ARTHUR
 1 MILLENNIUM
 1 MMI REALTY SVC INC...COMMERCIAL AND INDUSTRIAL BUILDING OPERATION
 1 NEXT TO NOTHING
 1 OCEANIA HARBOR INC...WOMEN'S SPECIALTY CLOTHING STORES
 1 OLI OLI PARK
 1 OLIVIA EURO COLLECTION
 1 OUT OF THE WEST INC...SHOE REPAIR SHOPS
 1 PARADISE COLLECTION UNLIMITED
 1 PATRIOTIC SPORTS
 1 PERFUMANIA

Part 2 of 2

1 PET GEAR
 1 PIPE DREAMS SURF CO
 1 PRECIOUS JEWELRY & ACCESSORIES
 1 ROCKY MOUNTAIN CHOCOLATE FCTRY
 1 RODEO CANTINA...STEAK AND BARBECUE RESTAURANTS
 1 SAYUMI'S PRINCESS GARDEN SALON
 1 SERENA CAFFE...RESIDENTIAL
 1 SONG SWING...RESIDENTIAL
 1 SOS BOUTIQUE...MISCELLANEOUS RETAIL STORES, NEC, NEC
 1 STAR APPAREL
 1 STONE GEAR ALOHA TOWER
 1 SUNGLASS CITY
 1 SUNGLASS HUT
 1 SWEET FACTORY
 1 THOMAS CALVERT & ASSOC INC
 1 TOWER SUNDRY & GIFT STORE...TYPEWRITERS AND BUSINESS MACHINES
 1 VINTAGE HAWAII
 1 WATER FRONT CAFE...STEAK AND BARBECUE RESTAURANTS
 1 WELCH & WEEKS
 1 WELCH JR DARREL G
 1 WORLD OF FLAGS...HAND WOVEN AND CROCHETED PRODUCTS
 1 WORLD OF HATS
 1 WYLAND GALLERIES HAWAII
 1 YOKOZUNA RESTAURANT...STEAK AND BARBECUE RESTAURANTS

86 total records. Part 1 of 2

161 RESTAURANT PIER 7...STEAK AND BARBECUE RESTAURANTS
 177 KIGAMI MITSUSHISA...RESIDENTIAL
 177 VERNE E DILLE...RESIDENTIAL
 191 HAWAII MARITIME CTR LIBRARY
 300 ACTION FED DOMESTIC VOLUNTEERS...INCOME MAINTENANCE PROGRAMS
 300 AMERICAN EXPRESS TRAVEL...TRANSPORTATION TICKET OFFICES
 300 BERNSTEIN DAVID M MD...INTERNAL MEDICINE PRACTITIONERS
 300 CHUN TERRENCE...FORMAL WRITING SERVICES
 300 CHUN/TERRENCE...RESIDENTIAL
 300 CONGRESSMAN NEIL ABERCROMBIE...LEGISLATIVE BODIES, NATIONAL
 300 CONGRESSMAN PATSY MINK...LEGISLATIVE BODIES, NATIONAL
 300 FEDERAL BUREAU-INVIGATION...POLICE PROTECTION, INTERSTATE AND
 FEDERAL
 300 FEDERAL EMPLOYEES FEDERAL CRDT UN LN
 HONOLULU...RESIDENTIAL
 300 FEDERAL EXECUTIVE BOARD...GENERAL GOVERNMENT ADMINISTRATION
 300 FEDERAL PUBLIC DEFENDER...PROSECUTING PARTIES
 300 FEDL EMPL FEDERAL CR UNION TELLER DEP
 HONOLULU...RESIDENTIAL
 300 GENERAL SVC ADM FEDERAL SUPPLY...GENERAL GOVERNMENT
 ADMINISTRATION
 300 H ICHIKAWA/YUKIE...RESIDENTIAL
 300 HI PACIFIC SYSTEM MANAGEMENT...AIRCRAFT REGULATING AGENCIES
 300 HONOLULU FEDERAL EMPLOYEES CU...AUTOMOBILE AND CONSUMER
 FINANCE COMPANIES
 300 HONORABLE ALAN C KAY...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE BARRY M KURREN...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE DAVID ALAN EZRA...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE EDWARD C KING...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE FRANCIS I YAMASHITA...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE HELEN GILLMOR...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE HERBERT YC CHOY...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE MARTIN PENCE...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE SAMUEL P KING...LEGISLATIVE BODIES, NATIONAL
 300 HONORABLE SUSAN OKI MOLLWAY...LEGISLATIVE BODIES, NATIONAL
 300 MARRIOTT/PRINCE KUHIO CAFE
 300 NATIONAL ASSOCIATION-RETIRED
 300 NATIONAL LABOR RELATIONS BOARD...FINANCIAL REGULATORY AGENCY
 300 NATIONAL PARK SVC
 300 NATURAL RESOURCES CONSERVATION...WILDLIFE CONSERVATION
 AGENCIES
 300 ORDER OF PURPLE HEARTS MILITARY...RESIDENTIAL
 300 PLATT STEPHEN B...FORMAL WRITING SERVICES
 300 RAW INTERNATIONAL
 300 REPRESENTATIVE PATSY T MINK...LEGISLATIVE BODIES, NATIONAL
 300 SENATOR DANIEL K AKAKA...LEGISLATIVE BODIES, NATIONAL
 300 SENATOR DANIEL K INOUYE...LEGISLATIVE BODIES, NATIONAL
 300 SOLIAI EDDIE T MD...INTERNAL MEDICINE PRACTITIONERS
 300 STEPHEN B PLATT...RESIDENTIAL
 300 US AIR FORCE JOINT RESCUE CTR
 300 US ALCOHOL TOBACCO & FIREARMS...POLICE PROTECTION, INTERSTATE
 AND FEDERAL
 300 US APPEALS COURT
 300 US ARMY AUDIT AGENCY
 300 US ARMY RECRUITING
 300 US ATTORNEY...PROSECUTING PARTIES
 300 US COAST GUARD
 300 US COAST GUARD MARINE SAFETY
 300 US CUSTOMS SVC ENFORCEMENT...TAXATION
 300 US DEFENSE CONTRACT AUDIT AGCY
 300 US DEFENSE INVESTIGATIVE SVC
 300 US DISTRICT COURT CLERK
 300 US DISTRICT COURT JUDGE
 300 US DRUG ENFORCEMENT ADM...POLICE PROTECTION, INTERSTATE AND
 FEDERAL
 300 US ECONOMIC DEVELOPMENT ADM
 300 US ENERGY DEPT
 300 US ENV PROTECTION AGENCY...ENVIRONMENTAL AGENCIES
 300 US EQUAL EMPLOYMENT OPPORTUNITY...INCOME MAINTENANCE
 PROGRAMS

Part 2 of 2

300 US FAA...AIRCRAFT REGULATING AGENCIES
 300 US FEDERAL CONTRACT COMPLIANCE...FINANCIAL REGULATORY AGENCY
 300 US FEDERAL HIGHWAY ADM...HIGHWAY SIGNS AND GUARDRAILS
 300 US FISH & WILDLIFE SVC...WILDLIFE CONSERVATION AGENCIES
 300 US FOOD & NUTRITION SVC
 300 US FOOD SAFETY INSPECTION SVC
 300 US HEALTH & HUMAN SVC DEPT
 300 US HEALTH CARE FINANCING ADM...INCOME MAINTENANCE PROGRAMS
 300 US INTERIOR DEPT ISLAND ENHNC...WILDLIFE CONSERVATION AGENCIES
 300 US JUSTICE DEPT...PROSECUTING PARTIES
 300 US LABOR DEPT WAGE & HOUR DIV...FINANCIAL REGULATORY AGENCY
 300 US LABOR RELATIONS BOARD...LEGISLATIVE BODIES, NATIONAL
 300 US LAW ENFORCEMENT...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US MAGISTRATE JUDGE
 300 US MARSHALS SVC...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US MILITARY ENTRANCE PROC STA
 300 US OCCUPATION SAFETY & HEALTH...FINANCIAL REGULATORY AGENCY
 300 US PLANT PROTECTION QUARANTINE...WILDLIFE CONSERVATION AGENCIES
 300 US PRETRIAL SVC...LEGISLATIVE BODIES, NATIONAL
 300 US PROBATION & PAROLE OFFICE
 300 US SECRET SVC...POLICE PROTECTION, INTERSTATE AND FEDERAL
 300 US SMALL BUSINESS ADM
 300 US STATE DEPT...LEGISLATIVE BODIES, NATIONAL
 300 US WORKERS COMPENSATION...INCOME MAINTENANCE PROGRAMS
 300 USGSA PUBLIC BUILDING SVC...GENERAL GOVERNMENT ADMINISTRATION

1 ALOHA FASHION SPORTS
 1 ALOHA TOWER FLOWERS
 1 ALOHA TOWER MARKETPLACE...COMMERCIAL AND INDUSTRIAL BUILDING
 OPERATION
 1 ALOHA TOWER TRADERS
 1 AN AN FASHION
 1 ANIMATION MAGIC INC
 1 ATHLETIC X PRESS...CUSTOM AND ORTHOPEDIC SHOES
 1 B & T HAWAIIAN CLOTHING
 1 BAD ASS COFFEE CO
 1 BELINDA'S ALOHA KITCHEN...STEAK AND BARBECUE RESTAURANTS
 1 BEYOND THE BEACH
 1 BLACK PEARL GALLERY
 1 CALICO GENERAL STORE
 1 COFFEE CO
 1 CRAZY FISH
 1 DANIELLA...WOMEN'S SPECIALTY CLOTHING STORES
 1 DANNY FIRST
 1 DON HO'S ISLAND GRILL...STEAK AND BARBECUE RESTAURANTS
 1 ELEGANCE COLLECTION
 1 ELEGANT ILLUSIONS
 1 FOOTWEAR HUT INC
 1 GORDON BIRSCH BREWERY RSTRNT...STEAK AND BARBECUE
 RESTAURANTS
 1 HAWAII 1-100 PHOTO SVC INC...PHOTOGRAPHIC SERVICES
 1 HAWAII OCEAN INDUSTRY...MARINE SALVAGING AND SURVEYING SERVICES
 1 HAWAII PARADISE JEWELRY
 1 HAWAIIAN HOUSE
 1 HAWAIIAN UKULELE CO
 1 HAWAIIAN WEAR ETC
 1 HI FASHIONS
 1 HOLLYWOOD USA
 1 HONG KONG HARBOURVIEW SEAFOOD...STEAK AND BARBECUE
 RESTAURANTS
 1 HULA PRINTS INC
 1 ICHIBAN...STEAK AND BARBECUE RESTAURANTS
 1 ISLAND ART GALLERY
 1 ISLAND MUUMUU
 1 ISLAND STYLE
 1 LIVING SENSE
 1 MAGNET FIVE-O
 1 MARTIN & MAC ARTHUR
 1 MONTY'S WORLD OF MAGIC
 1 NEXT TO NOTHING
 1 OCEANIA HARBOR INC...WOMEN'S SPECIALTY CLOTHING STORES
 1 OLIVIA EURO COLLECTION
 1 ORBITS HAWAII...PIZZA RESTAURANTS
 1 OUT OF THE WEST INC
 1 PACIFIC EYES & TS
 1 PATRIOTIC SPORTS...POWER TOOLS AND ACCESSORIES
 1 POWDER EDGE
 1 ROCKY MOUNTAIN CHOCOLATE FCTRY
 1 RODEO CANTINA...STEAK AND BARBECUE RESTAURANTS
 1 SOLD ON SILK...MISCELLANEOUS RETAIL STORES, NEC, NEC
 1 SPORTS HUT
 1 STONE GEAR ALOHA TOWER
 1 SWEET FACTORY
 1 THOMAS CALVERT & ASSOC INC
 1 TROPICAL BLEND JUICE CO
 1 VIN GLACE
 1 WORLD OF TIME

1996-97 ALA MOANA BLVD-A

SOURCE: POLKS

ALA MAHINA PL cont'd
 1641 Oliparas Hubert & Nancy ☐
 836-2647
 Oliparas Nancy M.....836-2647
 1642 Not Verified
 HOUSEHOLDS 24

ALA MAILE PL -FROM 3190 ALA ILIMA ST SOUTH 132B
 - ZIP CODE 96818

ALA MAKAHALA PL -FROM 1120 ALA NAPUNANI ST WEST 133C
 - ZIP CODE 96818

ALA MAKANI PL (MOANALUA VALLEY)-FROM 1600 ALA ALOA LOOP NORTH 135
 - ZIP CODE 96819

1601 Arakaki Richard Y & Elizabeth
 ☐+839-1446
 Arakaki Douglas Y.....839-1446
 Arakaki Steven.....839-1446
 1602 Kodama Paul T & Beatrice ☐+
839-5280
 1605 Hayashi Wallace T & Esther
 ☐+839-2284
 Hayashi Myles T.....839-2284
 Hayashi Stacy M.....839-2284
 Hayashi Tracy T.....839-2284
 1608 Kelo Tarence J & Kim ☐
 1609 Tsukamoto Sakae & Barbara
 ☐+839-0962
 1612 Tokoro G A & Ann ☐+
836-5678
 Tokoro Ann M.....836-5678
 1616 Matsuzaki Thomas M & Clara
 ☐+839-2567

+ALA MAKANI WAY INTERSECTS

1619 Nobunaga Harold T &
 Florence ☐+839-2588
 Nobunaga Gail F.....839-2588
 1620 Miura Bernard T & Wanda ☐+
839-2424
 Miura Bonnie G.....839-2424
 1624 Seu Laurie & Hazel ☐+
839-7960
 Umeda Elaine.....839-7960
 Kinoshita Irene T.....839-7960
 1625 Fujimoto Walter T & Shirley
 ☐+839-6318
 Fujimoto Guy T.....839-6318
 Ikahara Terry T & Tammie
839-6318

1629 Not Verified
 1631 Yokoyama Herbert H ☐+
839-1432
 Lum Alice Y ☐+839-5518
 Kolo Charles M.....839-5518
 1633 D J SHEET METAL INC
836-2288
 Suzuki Douglas & Susan ☐+
833-0663
 Suzuki Karrie.....833-0663
 Suzuki Ivan.....833-0663
 1634 Yoshino Helen M ☐+
839-7314
 Yoshino Myrick J.....839-7314
 Yoshino Mehtan Y.....839-7314
 1635A Not Verified
 1636 Moriwaku Peggy S ☐+
 Ogawa Heidi M
 1637 Higa Harold ☐+
 1639 Yamauchi Ronald P &
 Charlene ☐+839-7313
 Yamauchi Charlene C 839-7313
 Yamauchi Shomei & Chuzuko
839-7313

BUSINESSES 1 HOUSEHOLDS 20

ALA MAKANI WAY (MOANALUA VALLEY)-FROM 1619 ALA MAKANI PL EAST
 - ZIP CODE 96819

1621 Gytoku Alan M & Nancy ☐
839-5070
 Gytoku Nancy.....839-5070
 1622 Takai Calvin E & Lillian ☐+
839-0867
 1626 Okamura Stanley Y ☐
833-6205

HOUSEHOLDS 3

ALA MELIA PL -FROM 3150 ALA ILIMA ST SOUTH 132B
 - ZIP CODE 96818

ALA MOANA BLVD -FROM 800 RICHARDS ST EAST 924
 - ZIP CODE 96813

101 ESCAPE TO OUTER EDGE
 amusement ctr-video games
+HALEKAUWILA ST INTERSECTS
 300 PRINCE KUHIO
 KALANIANAOLE BUILDING-G
 S A PROP MGMT led govt
 bldg541-1950
 FEDERAL INFORMATION
 CENTER led govt bldg
688-9889

+ROOMS
 PARKING
 GOODWILL INDUSTRIES OF
 HONOLULU non profit
 organization524-0084

ALA MOANA BLVD cont'd
 C103 U S GOVERNMENT
 DEPT OF JUSTICE
 MARSHAL'S OFFICE
541-3000

C126 U S GOVT PROBATION
 & PAROLE OFFICE
541-1283

232 U S MAGISTRATE
 JUDGE u s govt
541-1306

C254 U S GOVT DISTRICT
 COURT REPORTER
521-4144

C256 U S GOVT DISTRICT
 COURT REPORTER
538-3901

C258 U S GOVT DISTRICT
 COURT REPORTER
 court reporter534-0667

C260 U S GOVT DISTRICT
 COURT REPORTER
536-2699

C268-C303 Vacant (3 Suites)
 C304 U S GOVT DISTRICT
 COURT central violation
 & naturaliza541-1300

C309 COURT LIBRARY
 C312 Vacant566-1677

C320A U S GOVT
 DEPARTMENT OF
 TREASURY REGIONAL
 APPLS OFC
 C328 U S COURT OF
 APPEALS541-1801

C340 U S MAGISTRATE
 JUDGE541-1308

C432 DISTRICT
 COURTROOMS
 C414 Not Verified
 C424 PENCE MARTIN sr
 judge541-1804

C432 KAY ALAN C chf judge
541-1904

C438 Not Verified
 C452 KING SAML P sr judge
541-1900

9106 U S C G MARINE ENV
 RESPONSE u s govt
541-2118

9106 U S C G PORT
 SAFETY & SECURITY
 govt ofc541-2117

U S C G REGIONAL
 RESPONSE TEAM govt
 ofc541-2162

9113 U S C G ADMN DIV-
 FINANCE BR govt ofc
541-2176

9113 U S C G ADMN DIV-
 PERSONNEL BR govt
 ofc541-2218

9116 U S C G ASST
 COMMUNICATIONS OFC
 govt ofc541-2022

9121 U S C G CHIEF
 BOATING SAFETY DIV
 govt ofc541-2087

9137 U S C G
 COMMUNICATIONS
 OFCR govt ofc541-2031

9147 U S C G LEGAL
 OFFICER govt ofc
541-2108

9149 U S C G CHIEF
 MARINE SAFETY DIV
 govt ofc541-2114

9149 U S C G COMMERCIAL
 VESSEL SAFETY govt
 ofc541-3078

9151 U S C G PUBLIC
 AFFAIRS OFFICER govt
 ofc541-2121

9153 U S C G R A D M
 THOS H COLLINS govt
 ofc541-2051

9153 U S C G AIDE TO THE
 DIST COMMANDER govt
 ofc541-3108

9153 U S C G LEGAL
 OFFICER govt ofc
 1002C U S GOVT INTERNAL
 REVENUE SERV
 information & forms
829-1040

1003 OFFICE OF DISTRICT
 COUNSEL legal section
 dept of veterans566-1607

1004 U S DEPT OF
 VETERANS AFFAIRS
 personnel services
566-1000

1006 U S DEPT OF
 VETERAN'S AFFAIRS
566-1657

1102 FEDERAL SALES &
 SERVICE521-5792

1111A VETERANS OF
 FOREIGN WARS
566-1000

1112 RAINBOW SCHOOL
 child care-day care
541-1701

ALA MOANA BLVD cont'd
 1113 AMERICAN LEGION govt
 ofc566-1676

1115 Vacant
 1117 U S GOVT G S A PUB
 BLDG SERVS-LAW
 ENFORCEMENT BR
541-2596

1123 U S GOVT SOCIAL
 SECURITY ADMN
772-1213

1136 U S GOVT
 DEPARTMENT OF
 VTRNS AFFRS ALCHL
 DRUG PROG alcohol drug
 program566-1659

1204 U S GOVT
 DEPARTMENT OF
 VETERANS AFFAIRS
 dirs ofc566-1409

1307 DISABLED AMERICAN
 VETERANS566-1616

1310 U S GOVERNMENT
 DEPARTMENT OF
 VETERANS AFFAIRS
 fiscal servs566-1490

1311A MILITARY ORDER OF
 PURPLE HEART
566-1677

1312 U S DEPARTMENT OF
 VETERANS AFFAIRS
 DIST COUNSL OFC
566-1605

2104 U S GOVERNMENT
 INTERNAL REVENUE
 SERV541-1160

2121-2115 Vacant (3 Suites)
 2127A U S GOVERNMENT
 DEPARTMENT OF
 VETERANS AFFAIRS
 day treatment ctr
541-1540

2131 U S GOVERNMENT
 INTERNAL REVENUE
 SERV criminal
 investigation div541-1150

2204 FEDERAL EMPLOYEES
 HEALTH CLINIC
 2204 U S DEPT OF
 VETERANS AFFAIRS-
 WOMEN'S VET COORD
566-1719

2302 U S DEPT OF
 VETERANS AFFAIRS
 HUMAN RES MGMT
 SERV u s govt566-1470

2607 U S DEPT OF
 VETERANS AFFAIRS
 PHARMACY & CLINIC u
 s govt566-1700

2314 U S GOVERNMENT
 SMALL BUSN ADMN
541-2990

2316 U S GOVT DEPT OF
 VETERANS AFFAIRS
 DENTAL CLINIC566-1450

2318 U S GOVT DEPT OF
 VETERANS AFFAIRS
 REHAB MED SERV
 psychology serv566-1495

2322 U S GOVT DEPT OF
 VETERANS AFFAIRS
 occupational ther clinic
566-1672

2324 U S GOVT DEPT OF
 VETERANS AFFAIRS
 INFO res info mgmt
566-1558

2326 U S GOVT DEPT OF
 VETERANS AFFAIRS
 prosthetic serv566-1508

2328 Vacant
 3104 U S SENATOR.522-8970
 3108 U S GOVT DEPT OF
 INTERIOR-PACIFIC
 ISLAND ECOREGION
541-2749

3115 G S A PROPERTY
 MANAGEMENT DIV-HON
 FIELD OFC govt ofc
541-1950

3119A V A AMMS govt ofc
 3123 V A BASED HOME
 CARE govt ofc
 3120 Vacant
 3129 U S GOVT
 DEPARTMENT OF
 JUSTICE drug
 enforcement admn
541-1930

3202 U S GOVT OFFICE OF
 MOTOR CARRIERS govt
 office541-2698

3202 U S GOVT FEDERAL
 HIGHWAY ADMN
541-2700

3206 U S ARMY AUDIT
 AGENCY-HAWAII FIELD
 OFFICE auditing541-2944

3209 U S GOVT SOCIAL
 SECURITY ADMN ofc of
 hearings & appeals
541-2915

1996-97 ALA MOANA BLVD-B

SOURCE: POLKS

ALA MOANA BLVD cont'd
 3304 U S GOVT GENERAL
 SERV ADMN ofc of info
 security541-1924

3307 U S GOVT
 DEPARTMENT OF
 DEFENSE military
 entrance process sta
541-2581

3315A U S GOVT
 DEPARTMENT OF
 INTERIOR FISH &
 WILDLIFE SE fed aid div
541-1222

3307 U S AIR FORCE
 LIASION541-2632

3307 U S ARMY LIASION
541-1688

3307 U S ARMY NATIONAL
 GUARD541-2921

3307 U S COAST GUARD
 LIASION541-3490

3307 U S MARINE LIASION
541-2943

3307 U S NAVY LIASION
541-2968

3307 U S ARMY RESERVE
 LIASION541-1687

3316B OFFICE OF REGIONAL
 INSPECTOR-INTERNAL
 SECURITY
 3317 Vacant
 3318A U S ARMY
 RECRUITING CO HEAD
 QUARTRS u s govt
541-1615

3320 Vacant
 3321 U S GOVT TREASURY
 DEPT bur alcohol
 tobacco & firearms
541-2670

3322 U S COAST GUARD
 ctrm
 4104 U S CONGRESSMAN
 congressmn541-2570

4106 U S GOVT COMMERCE
 DEPT intl trade admn
541-1782

4106 U S GOVT COMMERCE
 DEPARTMENT541-3391

4113 U S GOVT FEDERAL
 MEDIATION &
 CONCILIATION SERV
541-2567

4115 U S GOVT DEPT BUR
 OF ALCHL TOBAC &
 FRAMS REG ENFMT
541-2672

4115A U S GOVT
 DEPARTMENT OF
 ENERGY541-2564

4117 U S GOVT
 DEPARTMENT OF AGRL
 plant protection &
 quarantine541-1980

4204 Vacant
 4215 HONOLULU FEDERAL
 EMPLOYEES CREDIT
 UNION loan-colln dept
523-7037

U S GOVT DEPARTMENT OF
 DEFENCE-CRIMINAL
 INVES SERV u s govt
541-2590

4307 U S GOVT DEPT OF
 JUSTICE FED BUR OF
 INV521-1411

4312A HONOLULU FED
 EMPLOYEES CREDIT
 UNION TELLER DEPT
524-4961

4315A Vacant
 4316 U S GOVT DEPT OF
 AGRL natural resources
 conservation541-2600

4316 U S DEPARTMENT OF
 AGRICULTURE public
 affairs ofcr541-2651

4317 U S GOVT DEPT OF
 DEFENSE INV SERV-
 HON FIELD OFC
541-2809

4322 Vacant
 4324 U S GOVT
 DEPARTMENT OF
 DEFENSE contract audit
 agcy541-2740

4328-4336 Vacant (2 Suites)
 MARRIOTS INCORPORATED
 cafeteria536-5745

5104 U S
 CONGRESSWOMAN ofc
541-1986

5106 U S GOVT DEPT OF
 AGRICULTURE hi state
541-2644

5108 U S GOVT DEPT OF
 LABOR wkrs
 compensation programs
541-1983

ALA MOANA BLVD cont'd
 5113 U S DEPARTMENT OF
 LABOR bur
 apprenticeship & training
541-2517

5115 U S GOVT DEPT OF
 LABOR ofc of lab-mgmt
 standards541-2705

5117 Vacant
 5119 U S DEPARTMENT OF
 LABOR-LONGSHORE
 DIVISION govt
 5121 U S GOVT DEPT OF
 HEALTH-HUMAN SERVS
 admin for children &
 families541-2913

5122 U S GOVT
 DEPARTMENT OF
 LABOR occupational
 safety-hlth admn541-2685

5124 U S GOVT
 ENVIRONMENTAL
 PROTECTION AGCY pacific
 islands ofc541-2710

5131 DEPARTMENT OF
 LABOR-BUREAU OF LABOR
 STATISTICS u s govt541-2807

5213 U S OFFICE OF
 PERSONNEL
 MANAGEMENT-HON
 SERV CENTER u s govt
541-2795

5219 U S DEPARTMENT OF
 AGRICULTURE food &
 consumer serv541-2857

5302 U S GOVT
 DEPARTMENT OF
 INTERIOR fish & wildlife
 serv hawn & pa541-1201

5302 U S DEPT OF THE
 INTERIOR FISH & WILD
 LIFE SERV-JOI u s govt
541-2749

5309 U S GOVT OFFICE OF
 PERSONNEL MGMT
 training ctr541-2791

5316 U S GOVT OFC OF
 PERSONNEL MGMT job
 info ctr541-2791

5318 U S GOVT OFFICE OF
 PERSONNEL MGMT
 testing rm541-2791

5320 U S GOVT DEPT OF
 TREASURY irs regl
 appeals541-3340

5350 U S DEPT OF
 COMMERCE
 SANCTUARIES &
 RESERVES u s govt
541-3184

6100 U S GOVT DEPT OF
 JUSTICE attys ofc
541-2850

6118-6127 Vacant (2 Suites)
 6305 U S GOVT DEPT OF
 INTERIOR natl park serv
541-2693

6306 U S GOVT DEPT OF
 AGRICULTURE food
 import & insp service
541-1796

FEDERAL GOVT DEPT OF
 HLTH & HUMAN SERVS
541-2015

6309 U S GOVT OF
 TREASURY541-1912

6320 U S GOVT DEPT OF
 HEALTH & HUMAN
 SERVS food & drug
 admn541-2662

6321B Vacant
 6322 U S GOVT DEPT OF
 HEALTH & HUMAN
 SERVS health care fin
 admn541-2732

6326A U S GOVT DEPT OF
 STATE bureau of
 diplomatic security
541-2854

6326 CORPORATION FOR
 NATIONAL SERVICE
 govt funding for domestic
 vol541-2832

6328 U S GOVT DEPT OF
 DEFENSE office of
 complaints investga
541-2640

7102 U S GOVT DISTRICT
 COURTS FED PUB
 DEFENDERS OFC
541-2521

7108 U S GOVT F A A
 HONOLULU AIRCRAFT
 CERTIFICATION OFC
 7110 U S GOVT DEPT OF
 COMMERCE natl marine
 southwest enforcem
541-2727

7110 U S GOVT DEPT OF
 COMM NATL OCEANIC
 & ATMOS ADMIN
541-2727

ALA MOANA BLVD cont'd
 7116 U S GOVT FEDERAL AVIATION ADMN logistics 541-1236
 U S FEDERAL AVIATION ADMN AIRPORTS DIST OFC 541-1230
 7118 Vacant
 7119 U S GOVT DEPARTMENT OF TREASURY INTER REVENUE SERV dist counsel 541-3350
 7123 U S D A RURAL ECONOMIC & COMM DEV dist ofc 541-2556
 7123A U S EQUAL EMPLOYMENT OPPORTUNITY COMMISSION employment investigation 541-3120
 7302 Vacant
 7309 U S GOVT DEPT OF TREASURY u s customs serv ofc 541-2623
 7318 U S GOVT NATIONAL LABOR RELATIONS BD 541-2814
 7319 U S PRETRIAL SERVICES OFFICE 541-3412
 7320 U S GOVT NATIONAL LABOR RELATIONS BD hearing rm 541-2814
 7321 Vacant
 7324 U S GOVT DEPT OF INTERIOR fish & wildlife serv-law enfor 541-2683
 7325 U S SENATOR 541-2542
 7326 U S GOVT CONTRACT DEPT OF LABOR fed contr compliance prog eo 541-2933
 7328 U S GOVT DEPT OF LABOR wage & hour div 541-1361
 7330 Vacant
 7330A U S GOVT RETIRED FEDERAL EMPLOYEES SERV CNTR govt ofc 545-1071
 8110 U S GOVT COAST GUARD PERSONNEL SUPPORT admn div 541-2160
 8111 U S GOVT GENERAL SERVS ADMN technical serv div 541-2724
 8113 U S GOVT GENERAL SERVS ADMN food supply serv customer serv 541-1776
 8115 HONOLULU PACIFIC FED EXEC BOARD STAFF govt ofc 541-2637
 8117 U S COAST GUARD COURTROOM (ADDL SP) 8120 U S COAST GUARD photo lab
 8121 Vacant
 8122A U S COAST GUARD CIVIL PLANNING DIV 541-2126
 8123A U S GOVT GENL SERVS ADMN INFO TECHNOLOGY SERV 541-2001
 8128 U S COAST GUARD BOATING SAFETY BR recreation boating safety coas 541-2087
 12151 9100-9105 Vacant (4 Suites)
 300 9106 U S COAST GUARD DISTRICT RESPONSE advising team 541-2163
 9109 U S C G CHAPLAIN'S OFC 541-2076
 9109A U S COAST GUARD COMMAND ENLISTED ADVISOR command enlisted advisor 541-2083
 9113 U S COAST GUARD planning dir 541-2296
 9114 U S COAST GUARD 541-2055
 9115A U S COAST GUARD communications cntr 542-2267
 9115B U S C G FINANCE BR govt ofc 541-2176
 9115C U S C G QUALITY PERFORMANCE DIV govt ofc 541-2296
 9116 U S C G TELECOMM BR govt ofc 541-2022
 9117 U S COAST GUARD readiness branch 541-2050
 9120 U S C G COMMAND CENTER info sys br 541-2500

ALA MOANA BLVD cont'd Al
 C D R - P A C - R C C 541-3581
 9120 WEST PAC COMMAND govt ofc 541-2308
 U S C G MAILROOM 9121 U S COAST GUARD auxilliary & boating safety 541-2086
 9124 U S C G DIST RESPONSE ADVISORY TEAM BRANCH govt 541-2117
 9137 U S COAST GUARD search & rescue oprns div 541-2306
 9139 U S COAST GUARD 541-2021
 9139 U S COAST GUARD AIDS TO NAVIGATION BR 541-2315
 9139 U S C G SEARCH & RESCUE BR 541-2310
 9141 U S C G LAW ENFORCEMENT BR govt ofc 541-2300
 9147 U S COAST GUARD LAW ENFORCEMENT BR 541-2108
 9149 U S COAST GUARD MARINE SAFETY DIV 541-2114
 9151 U S COAST GUARD pub affairs ofcr 541-2121
 9153 U S COAST GUARD OFC DISTRICT CT COMMANDER chf of staff's ofc 541-2051
+PUNCHBOWL ST INTERSECTS +CHANNEL ST INTERSECTS
 500 WATERFRONT PLAZA
 RESTAURANT ROW shopping centers 538-1441
 ONE WATERFRONT PLAZA BLDG
 1A SUNSET GRILL restr 521-4409
 1B RESTAURANT ROW NINE THEATRES theatres 524-4042
 1C SUBWAY SANDWICHES & SALADS restr
 1D RESTAURANT ROW NINE THEATRES addl sp
 1E Vacant
 AMERICAN TELEPHONE & TELEGRAPH D B A T & T tel co 531-0101
 A T & T EXECUTIVE OFCS A T & T INTL ASIA PACIFIC A T & T (addl sp)
 420 PACIFIC EQUITY & GROWTH MANAGEMENT INC brokerage-hlth benefits 536-3933
 500 STATE FAMILY COURT-ADULT SERVICES BRANCH govt ofc 538-5950
 500 STATE FAMILY COURT-PROGRAM SERVICES BR
 500 STATE FAMILY COURT-FIRST COURT govt ofc 538-5954
 1F-1I RESTAURANT ROW NINE THEATRES addl sp
 TWO WATERFRONT PLAZA BLDG
 2A BLUE ZEBRA CAFE restr 533-0061
 2B BURGER KING restr 532-0696
 2C STAR ROW KARAOKE INN karaoke lounge 531-8828
 2D BEVERLY HILLS ice cream parlor 536-8886
 2E HAZELEE & COMPANY beauty salon 538-6225
 2G CORSICAN restr french 521-7176
 2H-2L CORSICAN addl sp
 200 QUEEN'S HEALTH CARE PLAN care provider 522-7500
 200 SUMMIT CONSTRUCTION INCORPORATED cntrs 531-5914
 200 CONSTRUCTION CONSULTANTS PACIFIC INC conslts constn 599-5914
 300 CONSULATE GENERAL DE FRANCE 599-4458
 301 Vacant
 302 OFFICE PAVILION CONTRACT FURNISHERS OF HI ofc furn equip 599-2411
 400 PRUDENTIAL SECURITIES stock exchange 547-5200

ALOHA DR cont'd
 APARTMENTS (36 UNITS)
 101 Clark Coleen 928-5031
 201 Tanaka Yoshihiko 922-3555
 202 Yap May 924-4177
 203 Trinh Oai C 923-5362
 301 Malone K 922-2925
 302 Reardon Gerald J 926-6976
 303 Bello Dia E 922-4850
 403 Deshields Bob 922-2847
 504 Jaworowski Roland J 923-2597
 604 Lam Terry S 922-1706
 703 Rehak Frank & Violet 922-2413
 801 Lane Bill R
 803 Bogner Joan 922-8138
 904 Chung Lily 923-7656
+ROYAL HAWAIIAN AV INTERSECTS
 2241-2243 Vacant (2 Hees)
+SEASIDE AV INTERSECTS
 BUSINESSES 6 HOUSEHOLDS 40
ALOHA TOWER DR -FROM 700 FORT ST WEST 924
 1 ALOHA TOWER MARKET PLACE shopping cntr 528-5700
 101 ORIGINAL RED DIRT SHIRT & TEAL SEAS clotng retail logo 524-0778
 WONDER JOY gifts children's toys retail 537-3648
 HOLLYWOOD U S A clothing retail
 ELEGANCE COLLECTION women's hand bags 545-7566
 ALOHA TOWER TRADERS clothing-retail vintage wear 537-6762
 DON PABLO SMOKE SHOP 537-6900
 BLACK PEARL GALLERY fine jewelry-black pearls sps 524-5552
 FOX PHOTO photo proc cameras acces 536-6010
 146 TRILUSSA TRATTORIA-PIZZERIA italian restr 536-7797
 BEYOND THE BEACH sunglasses retail 524-2277
 ZERO GRAVITY jewelry gifts retail 545-2355
 ELEMENTS BY LIBERTY HOUSE clothing retail 945-6112
 OLIVIA EURO COLLECTIONS handbags european retail 524-6633
 CALICO GENERAL STORE handcrafted specialties retail 524-0964
 AN AN FASHION clothing 545-1017
 POINT OF VIEW cloth logo retail 536-3201
 MUSICLAND music-video store 528-3199
 POWDER EDGE outdoor clothing-gear 545-4494
 GELATARIO UNO ice cream & froz desserts dlrs 528-3344
 CAJUN BIG EASY restr 536-5682
 TENPANYAKI JAPAN restr 536-5682
 WOK & ROLL restr 536-9969
 SAKURA TEI UDON HOUSE restr 526-1888
 SCHLOTZSKY'S DELI restr
 1 CANDLE FACTORY candles 524-5988
 BORN IN HAWAII gifts crystal-windchimes 524-5988
 SUNGLASS HUT sunglasses 528-3982
 NEXT TO NOTHING clothing swimwear retail 537-9981
 T GALLERY t-shirts 524-1766
 FLAGS FLYING flags clo-access 537-1300
 MARTIN & MAC ARTHUR koa wood furn & collectibles 524-6066
 WORLD OF TIME watches-gifts-retail 537-9945
 MUSIC BOXES OF HAWAII music boxes retail 528-5858
 ANASTASIA FASHION women's clothing retail 524-0448
 MAGNET FIVE-O souvenir magnets 545-1050
 HOOTERS OF HONOLULU restr 524-4668

ALOHA TOWER DR cont'd
 JAPAN TRAVEL BUREAU OLI OLI PARK LOUNGE travel agcy 536-7772
 POOH AND MARY gifts 524-7955
 HUSH-A-BYE BABY children's boutique 537-2427
 PAPER ROSES greeting cards retail 545-7955
 LIVING SENSE bed & bathrm accessories retail 524-4478
 SWEET FACTORY candy store 566-0306
 ROSALIE'S STUDIO art gallery 533-4866
 HONG KONG HARBOR VIEW SEAFOOD RESTAURANT restr 524-3600
 ENDANGERED SPECIES fine gifts & collectibles reta 545-5444
 CASWELL-MASSEY bathroom accessories retail 536-0978
 ANIMATION MAGIC gift shop-cartoon acces 545-8666
 GORDON BIERSCH BREWERY-RESTAURANT micro brewery-restr 599-4877
 SUNCOAST MOTION PICTURE COMPANY video & gifts 536-7666
 BIG ISLAND STEAK HOUSE restr 537-4446
 HAWAIIAN KINGDOM JEWELRY hawn jewelry retail 537-6690
 ISLAND MUU MUU women's muumuu's retail 528-3989
 CHANTILLY european handbags-acces retail 536-8555
 PAKIPIKA TRADING COMPANY LTD handcrafted polynesia collect 537-5511
 OLIVIA'S JEWELRY SHOP fine jewelry retail 536-8948
 ELEGANT ILLUSIONS jewelers retail 537-9366
 SWING SONG windchimes hammocks retail 536-8825
 HANDBLOCK linens & clothes retail 537-4416
 OCEANIA women's clo-retail 524-0237
 ATHLETIC X-PRESS shoes retail 537-9961
 WYLAND GALLERIES 536-8973
 SCOTT'S SEAFOOD GRILL & BAR restr-seafood 537-6800
 PERFUMANIA perfumes-retail 528-5449
 BAD ASSOCIATION COFFEE COMPANY coffee house coffee retail 524-0888
 ICHIBAN convenience stores 528-4966
 VILLA PIZZA 524-1119
 BELINDA'S ALOHA KITCHEN restr-local food 545-8035
 PACIFIC VEGETARIAN CAFE food serv-hotplates sandwiches 536-6767
 RODEO CANTINA restr-tex-mex 545-1200
 CARDIOLOGIST business card 545-1979
 HULA PRINTS art 528-0395
 BUFFALO BUD'S LOGO SHOP restr
 KENKOUGAN health supplements retail
 FOOTWEAR HUT shoes sandies footwear 536-5970
 AUTOMOBILIA HAWAII logo clothing retail 524-7300
 ROCKY MOUNTAIN CHOCOLATE FACTORY candy & confectionary retail 545-4443
 PIER BAR 536-2166
 108 GORDON BIERSCH brewery-restr 599-4877
BUSINESSES 79
ALOHA AV (KAIMUKI)-FROM 600 7TH AV EAST 67A
 ZIP CODE 96816
 3357 Keanoano Henry 734-1845
 3358 Moore Mathias & Gwen 732-5160
 3361 Ichijo Haruko 737-0580
 Ichijo Wendell K 737-0580

STREET NOT LISTED

ALA MAHINA PL--Coast

Onitsuka Shigeno 833-4303
1832 Hiromoto Jerry T 833-6520
1833 Ueyehara Kazuo
1834 Eala Miguel E 839-4824
1836 Ho A Michi 833-5924
1837 Cadavona Leonard A
1838 Sen Darwin Y 833-2949
Matsuo H 833-2985
1839 Okahana Jacqueline T Mrs 839-5414
1840 Wakabayashi Henry H 839-4907
1841 Vacant
1842 Karasuda Raymond T 839-5074

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ALA MAILE PL --FROM ALA ILIMA ST SOUTH

ZIP CODE 96818

132-A

ALA MAKAOHOLE PL --FROM 1120 ALA NAPUNANI ST WEST

ZIP CODE 96818

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ALA MAKANI PL --FROM 1600 ALA ALOLA LOOP NORTH

ZIP CODE 96819

1901 Arakaki Richd Y 839-1446
1902 Kodama Paul T 839-5280
1903 Hayashi Wallace T 839-2284
1908 Kelo Terrence J
1909 Tsukamoto Sakae 839-0962
1912 Tokoro G A 836-5678
1916 Matsuzaki Thos M 839-2567
ALA MAKANI WAY INTERSECTS
1919 Nobunaga Harold T 839-2568
1920 Miura Bernard T 839-2424
1924 Umeda Shouchi 839-7950
1925 Fujimoto Walter T 839-6318
No Return
1929 Matsumura Mamoru J
1931 Yokoyama Herbert 839-1432
1932 Lum Alice Y Mrs 839-5518
1933 D J Shevt Metal Inc 836-2288
1934 Yoshino Helen Mrs 839-7314
1936 Gonzalo Kathleen 834-5783
1938a Vacant
1936 Moriwaki Peggy S Mrs
1937 No Return
1939 Yamauchi Shomei 839-7313

135

ALA MAKANI WAY --FROM 1619 ALA MAKANI PL EAST

ZIP CODE 96819

1621 Gytoku Alan M
1622 Takai Calvin E 839-0867
1626 Okamura Stanley Y 833-6205

132-B

ALA MELIA PL --FROM ALA ILIMA ST SOUTH

ZIP CODE 96818

701

ALA MOANA BLVD --FROM 800 BETHEL AV EAST

ZIP CODE 96813

HALEKAUWILA ST INTERSECTS
300 Prince Kuhio Federal Building
ROOMS
Basement Parking
Cook Thos Travel 572-1888
Bsm. Department of Veterans Affairs 541-1441
C103 U S Marshal's Office 541-3000
Dir U S Passport Agency 541-1918
C126 U S Probation Office 541-1283
C130 U S District Courts jury lounge
C231 U S Attorney 541-2850
C238 U S Bankruptcy Court 541-1791
C242 Vacant
C246 U S Bankruptcy Court 541-1793
C254 U S District Court Reporter 537-5877
C256 U S District Court Reporter 537-5877
C258 U S District Court Reporter 537-5877
C260 Vacant
C268 U S District Court hearing rm
C270 U S District Court hearing rm
C303 U S District Court
C304 U S District Court 541-1300
C309 U S District Court 541-1777
C312 U S District Court
C320a U S Magistrates 541-1306
C328 U S Courts of Appeals 541-1800
C390 U S Magistrate 541-1306
432 U S District Courts 541-1907
432 U S Dist Courts 541-1300
404 U S District Courts 541-1804
438 U S Dist Courts 541-1807
C444 U S District Courts 541-1900
1002 U S Internal Revenue Service 541-1040
1006 Harriette's Vending Stand snacks store
1109 Vacant
1110 Walter's Gifts & Sundries 621-5792
1112 Prince Kuhio Child Care Center child care-day care 537-9351
1113 American Legion the addl sp 541-3409
1115 Vacant
1117 U S G S A Federal Protective Services 541-2696
1123 US Social Security Admn 541-1010
1136 Department of Veterans Affairs 541-1412
1136 Department of Veterans Affairs 541-1476
1204 U S Department of Veterans Affairs 541-1900
1204 U S Department of Veterans Affairs 541-1470
1302 US Environmental Protection Agency 541-2710
1307 Disabled American Veterans 541-1610
1310 U S Department of Veterans Affairs 541-1409
1312a U S Department of Veterans Affairs 541-1425
2102 U S Internal Revenue Serv 541-1160

2104 US Internal Revenue Service 541-3300
2121 Internal Revenue Service sup & mailrm 541-1040
2123 U S Internal Revenue Service 541-3315
2115 U S Internal Revenue Serv 541-3310
2127a U S Department of Veterans Affairs 541-1540
2131 U S Internal Revenue Service 541-1150
2204 Federal Employees Health Clinic 541-1419
2213 US Small Business Admn 541-2991
2302 U S Department of Veterans Affairs 541-1414
2307 U S Department of Veterans Affairs 541-1707
2315 U S Department of Veterans Affairs 541-1450
2316 U S Department of Veterans Affairs 541-1450
2318 U S Department of Veterans Affairs 541-1445
2320 U S Department of Veterans Affairs 541-3453
2324 U S Department of Veterans Affairs 541-1405
2326 U S Department of Veterans Affairs 541-1507
2328 U S Internal Revenue Service 541-3330
3104 U S Senator 541-2534
3108 U S General Accounting Ofc 541-1250
3115 U S Department of Defense 541-2590
3120 General Service Administration 541-1950
3129 U S Department of Justice 541-1930
3202 Motor Carrier Safety Office 741-2700
3202 Federal Highway Administration 541-2730
3206 U S Army
3209 U S Social Security Administration 541-2915
3304 General Service Administration 541-1924
3307 U S Department of Defense 541-2999
3315a American Samoa Government 545-7451
3316b U S Department of Agriculture 541-2803
3317 City & County A S C S Dept of Agrl 541-2542
3318 US Dept of Housing & Urban Development 541-1343
3320 U S D A 541-2583
3321 U S Treasury Department 541-2670
3322 U S Coast Guard crm
4104 U S Congressman
4106 U S Commerce Department 541-1782
4110 U S Commerce Department 541-1641
4113 US Federal Mediation & Conciliation Serv 541-2967
4115 U S Department of Defense 541-1956
4115a Honolulu-Pacific Federal Executive Board
4117 U S Department of Agriculture 541-1880
4120 U S Department of Defense 541-2810
4202 U S Department of Agriculture 541-8068
4204 Honolulu Federal Employees Credit Union acctg dept 524-4961
4215 Honolulu Federal Employees Credit Union loan colln dept 523-7037
4307 US Federal Bur of Investigation 521-1411
4312a Honolulu Federal Employees Credit Union 524-4961
4315a U S Tongan & West Samoan Govt Ofc 537-9525
4316 U S Department of Agriculture 541-2600
4317 US Defense Investigative Service 541-2810
4322 US Energy Dept 541-2561
4324 U S Department of Defense 541-2740
4328a U S Department of Commerce 541-1688
5th Fl Marriot's Incorporated cafeteria 536-5745
5104 U S Congresswoman 541-1986
5107 U S Department of Agriculture 541-2900
5108 U S Department of Labor 541-1983
5113 U S Department of Labor 541-2618
5115 U S Dept of Labor 541-2705
5115a U S Department of Labor
5117 G S A Fleet Management Center 541-2674
5118 Security Systems Inc the sprinkler sys split 742-0329
5121 U S Department of Health-Human Services 541-2915
5122 U S Department of Labor 541-2685
5124 U S Army Corps of Engineers 541-2715
5219 U S Department of Agriculture 541-2857
5302 U S Department of Interior 541-1220
5309 U S Office of Personnel Management 541-2791
5316 U S Ofc of Personnel Mgmt (Job Info Center) 541-2791
5318 U S Office of Personnel Management 541-2791
5320 U S Department of Treasury 541-3340
6100 U S Department of Justice 541-2650
6118 U S Trustee 541-3360
6127 U S Customs Service 541-2623
6305 U S Department of Interior 541-2693
6306 U S Department of Agriculture 541-2530
6306a U S Department of Agriculture 541-1796
6307 U S Department of Interior 541-2749
6309 U S Department of Treasury 541-1912
6320 U S Department of Health & Human Services 541-2661
6321b U S Department of Justice 541-3360
6322 U S Department of Health & Human Services 541-2732
6326a U S Department of State
6328 U S Action Department 541-2832
6328 U S Army 541-2640
7102 U S District Courts 541-2621
7108 U S Office of the Postal Inspector 541-2906
7110 U S Department of Commerce 541-2727
7116 U S Federal Aviation Administration 541-1238

7116 U S Federal Aviation Administration 541-1227
7119 Internal Revenue Service 541-3360
7123 U S D A 541-2556
7302 Merchants National Bank hawaii operations 521-5306
7315 U S Department of Defense 541-1615
7318 US National Labor Relations Board 541-2815
7320 U S National Labor Relations Board 541-2815
7321 Merchants National Bank addl sp
7324 U S Department of Interior 541-2681
7325 U S Senator 541-2542
7326 U S Department of Labor 541-2033
7328 U S Department of Labor 541-1391
7330 U S Federal Aviation Admn 541-1238
7330a U S Retired Federal Employees Service Center
8110 U S Coast Guard 541-2276
8111 General Services Administration 541-2723
8112 U S Coast Guard 541-2087
8113 U S I A Pacific Island Program 541-1317
8120 U S Coast Guard photo laby
8121 General Services Administration 541-1776
8122 U S Coast Guard 541-2195
8123a General Services Administration 541-2901
8124 U S Coast Guard
9109 U S Coast Guard 541-2076
9109 U S Coast Guard 541-2083
9109 U S Coast Guard eeo ofc 541-2991
9113 U S Coast Guard 441-2165
9114 U S Coast Guard 541-2048
U S Coast Guard 841-2031
9117 U S Coast Guard 541-2291
9119 U S Coast Guard 541-2329
9120 U S Coast Guard 541-2500
9121 U S Coast Guard info resources br 541-2020
9137 U S Coast Guard 541-2306
9139 U S Coast Guard 541-2310
9143 U S Coast Guard 541-2165
9145 U S Coast Guard 541-2165
9147 U S Coast Guard 541-2300
9149 U S Coast Guard 541-2114
9151 U S Coast Guard 541-2125
9153 U S Coast Guard 541-2061
9153 U S Department of Transportation 541-2002

702

301 Piers
7 Hawaii Maritime Center museum 536-6373
PUNCHBOWL ST INTERSECTS
CHANXEL ST BEGINS
500 Elite Flowers of Hawaii 699-8440
Stark Ventures Ltd real est developer 521-9090
Building 4
T I of Hawaii Inc escrow servs 526-3671
Dean Witter Reynolds Inc 531-8343
Mc Corzation Mho & Miller 529-7300
400 Prudential Bache Securities Inc stock exchange 547-5300
A T & T Telypone Co 526-6600
American International Adjustment Co 549-0440
512 A & L Enterprises remodeling contracting serv 537-6831
521 Pier 2
2 Tonga Trading Co Ltd the 524-8677
Rooms
2 Foreign Trade Zone No 9 State of Hawaii 548-5668
110 World Trade Enterprises Inc import-export 454-2223
110 W T E Realty real est 524-8420
111 Vacant
112 Ping Roun Hawaii Inc import-export 537-1568
112 Bilanc Co the
113 Blackstone Hawaii gift & jewelry store 531-2849
202 Foreign Trade Zone conference rm
203 Five Seas Corp 261-7105
205 Aloha Importing & Brokerage Inc jwelry whol 548-2687
204 Naris International Inc cosmetics whol 506-1215
205 Beverage Brokers Inc liquor wine broker 533-6771
205 Jedis Darlings testing co 548-2667
206 Ken-Ro International Corp 523-1010
207 Vacant
208 Touchstone Textiles Inc 524-7350
209 Sanyei Hawaii Corp storage space
210 Bowers M & Co Inc 538-6394
211 Sanyei Hawaii Corporation import-export 521-6045
212 Mahalo Shop Corp
213 Quest International additional space
214 Hara Health Industries U S A Inc import food 539-3600
215 Quest International additional space
216 Quest International 521-1379
217 Vacant
218 Lam S J customs broker 533-3963
219 Vacant
220 Tanaka Distributors Inc importers 531-7959
221 Vacant
222 Linrich Jewelry 521-0765
223 Winpac Incorporated 521-0765
224 Vacant
225 M J G Inc clo 537-1171
226 Vacant
227 Dynasty Gems Inc jewelry 536-5652
ALAHN ST INTERSECTS
591 State Dept of Health 548-5487
Floors
591 State Dept of Health 548-2033
1stfl State Dept of Health Health Surveillance Prog 548-5424
Ofc Stage Dept of Health food & drug br 548-3280
1a Fl State Dept of Health 548-6478
1stfl State Dept of Health Noise & Radiation Br 548-4383
1stfl State Dept of Health diabetes control br 548-6000

STREET NOT LISTED

ALA MOANA 96813

- ✓ KUU HUAPALA FISHING
CO 538-0918
- LYNELL SPORT FISH-
ING 521-8494
- ✓ C Yu Joe Capt 599-1816
- 133 PIER 8 RESTAURANT .. 521-6893
- 155 MARINE ELECTRICAL
DESIGN 538-7229
- ✓ 300 AA PASSPORT PHOTO
& FINGERPRINTING ... 599-5453
- 300 AMERICAN EXPRESS
BANK LTD 521-5306
- 300 AMERIKA SAMOA OF-
FICE HAWAII 545-7451
- ✓ 300 ARADS 537-6115
- 300 CHUN TERRENCE 521-4144
- 300 FEDERAL BUREAU OF
INVESTIGATION F B I . 521-1411
- 300 GRAY HARRIET 521-9705
- 300 HONOLULU FEDERAL
EMPLOYEES FEDERAL
CREDIT UNION 523-7037
- 300 HONOLULU FEDERAL
EMPLOYEES FEDERAL
CREDIT UNION 524-4981
- 300 ICHIKAWA YUKIE H ... 538-3901
- ✓ 300 IVERSON BROOKE L .. 523-0095
- 300 MANNINGS INC 536-5745
- 300 SATO TRAVEL OFFICES 524-0075
- 300 STATE JANITORIAL
SERVICE INC 538-9112
- ✓ 300 TONGA GOVERNMENT
OFFICE 537-9525
- 300 United States Govern-
ment 523-3684
- 300 UNITED STATES GOV-
ERNMENT 531-1112
- 300 UNITED STATES GOV-
ERNMENT 531-1507
- 300 UNITED STATES GOV-
ERNMENT 538-4336
- 300 UNITED STATES GOV-
ERNMENT 541-1000
- 300 UNITED STATES GOV-
ERNMENT 541-1040
- 300 UNITED STATES GOV-
ERNMENT 541-2000
- 300 UNITED STATES GOVT 523-1977
- ✓ 300 WALTERS FLORIST &
GIFT SHOP 521-5792
- ✓ 500 A I U JAPAN CLAIM
SERVICE 537-4883
- ✓ 500 AIG HAWAII INSUR-
ANCE COMPANY INC . 545-1650
- ✓ 500 AIG LIFE INSURANCE
COMPANY 528-4550
- ✓ 500 AMERICAN INTERNA-
TIONAL ADJUSTMENT
COMPANY 528-0110

STREET NOT LISTED

Table with columns: ALA MAHANOE, CONT, 96819. Lists names and phone numbers for various businesses and individuals.

Table with columns: ALA MUANA, CONT, 96813. Lists names and phone numbers for various businesses and individuals.

ALA MOANA

9681

STREET NOT LISTED

	*CATHERINE S	536-657
+	CLAPP W LAWRENCE	521-467
	*COMET	533-333
	*COREENE C SPORT	
	FISHING CHARTERS	536-747
	FARMER BILL CAPT	536-014
+	*GLASS BOTTOM BOAT	537-199
	*HAWN SHIPYARDS	537-932
	*HAWN SHIPYARDS	537-938
	*HAWN TUNA PACKERS	536-496
	*INTER ISLAND	
	SPORTFISHING LTD	533-333
	*ISLAND CHARTERS	536-159
	*KAMOME SPORT	
	FISHING	536-599
	*KONO CHARTERS LTD	531-000
	*KUU HUAPALA	538-372
+	*PARADISE CRUISE LTD	536-364
+	*RAINBOW FISHING	
	CHARTERS	531-181
	SLOGGETT R H JR	536-837
	*SPORT FISHNG HAWAII	536-657
	*TOMS CANVAS SHOP	949-807
+	*U S COMMERCE DEPT	531-589
+	*WINDJAMMER CRUISES	521-002
	133 *PIER 8 RESTAURANT	533-437
	301 *EMPIRE ROOM	524-488
	301 *FAR EAST ARTS	531-862
	301 *MANDARIN CHEST	524-367
	301 *PIER SIX RESTAURANT	521-879
+	512 *ABLE PEST & RODENT	
	CONTROL SERVICE	538-667
+	512 *DUPRE'S BOTTOM	

Regulatory Database Information



DATABASE REPORT

Project Property: *Wilson Okamoto_Tradewinds Garden & Glass
170 Aloha Tower Drive
Honolulu HI*

Project No: *2312-00396-PH1*

Report Type: *Database Report*

Order No: *23122200507*

Requested by: *ENPRO Environmental*

Date Completed: *December 23, 2023*

Environmental Risk Information Services

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Executive Summary

Property Information:

Project Property: *Wilson Okamoto Tradewinds Garden & Glass
170 Aloha Tower Drive Honolulu HI*

Project No: *2312-00396-PH1*

Coordinates:

Latitude: *21.30497834*
Longitude: *-157.86438018*
UTM Northing: *2,356,325.19*
UTM Easting: *617,787.93*
UTM Zone: *UTM Zone 04Q*

Elevation: *3 FT*

Order Information:

Order No: *23122200507*
Date Requested: *December 22, 2023*
Requested by: *ENPRO Environmental*
Report Type: *Database Report*

Historicals/Products:

Aerial Photographs *Historical Aerials (with Project Boundaries)*
City Directory Search *Smart CD Search*
ERIS Xplorer [*ERIS Xplorer*](#)
Excel Add-On *Excel Add-On*
Fire Insurance Maps *US Fire Insurance Maps*
Physical Setting Report (PSR) *Physical Setting Report (PSR)*
Topographic Map *Topographic Maps*
Vapor Screening Tool *Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	1	0	0	-	1
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	1	0	0	3	-	4
CERCLIS	Y	0.5	1	1	1	2	-	5
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	1	0	0	2	-	3
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	1	0	0	0	0	1
RCRA TSD	Y	0.5	0	0	0	2	-	2
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	1	0	-	-	1
RCRA VSQG	Y	0.25	1	6	10	-	-	17
RCRA NON GEN	Y	0.25	0	8	10	-	-	18
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	5	2	-	-	-	7
FED BROWNFIELDS	Y	0.5	1	6	6	11	-	24
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	1	0	0	-	-	1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	1	1	3	29	130	164
DELISTED SHWS	Y	1	2	0	0	1	9	12
SWF/LF	Y	0.5	0	0	0	1	-	1
LUST	Y	0.5	0	4	4	26	-	34
DELISTED LUST	Y	0.5	0	0	0	1	-	1
UST	Y	0.25	1	10	9	-	-	20
DTNK	Y	0.25	0	1	0	-	-	1
ENG	Y	0.5	0	0	0	5	-	5
INST	Y	0.5	1	1	0	13	-	15
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	1	0	2	19	-	22

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	9	4	-	-	-	13
TRIS	Y	PO	1	-	-	-	-	1
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	3	-	3

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	33	-	33
PFAS IND	Y	0.5	0	0	0	2	-	2
HMIRS	Y	0.125	0	2	-	-	-	2
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	3	-	-	-	-	3
FED DRYCLEANERS	Y	0.25	0	0	1	-	-	1
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	1	4	2	4	11
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	3	7	-	-	10
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	1	-	-	-	-	1
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	2	-	2

State

PFAS POTENTIAL	Y	0.5	0	0	0	0	-	0
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Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SPILLS	Y	0.125	13	40	-	-	-	53
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	2	-	-	2
HWM	Y	0.25	1	8	19	-	-	28

Tribal *No Tribal additional environmental record sources available for this State.*

County *No County additional environmental record sources available for this State.*

Total: 46 100 78 157 143 524

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	STATE OF HAWAII PIER 6	PIER 6 HONOLULU HI 96813 <i>Registry ID: 110041450248</i>	WNW	0.00 / 0.00	0	102
2	FINDS/FRS	NIMITZ HIGHWAY MEDIAN IMPROVEMENTS, SAND ISLAND ACCESS ROAD TO VICINITY OF ALAKA	HI <i>Registry ID: 110055403941</i>	NE	0.00 / 0.00	0	102
3	SPILLS		Honolulu Harbor piers 6 & 7 Honolulu HI	NW	0.00 / 0.00	0	103
4	SPILLS		Honolulu Harbor, Pier 6 Honolulu HI	N	0.00 / 0.00	0	104
5	FINDS/FRS	ALOHA TOWER DRIVE, NIMITZ	ALOHA TOWER, NIMITZ HIGHWAY HONOLULU HI 96813 <i>Registry ID: 110024875704</i>	N	0.00 / 0.00	0	106
5	FINDS/FRS	ALOHA TOWER DRIVE, NIMITZ HWY	ALOHA TOWER DR HONOLULU HI 96813 <i>Registry ID: 110020732983</i>	N	0.00 / 0.00	0	106
6	FINDS/FRS	PALOLO WATER SYSTEM IMPROVEMENTS	HI <i>Registry ID: 110046155904</i>	WNW	0.00 / 0.00	0	107
7	FINDS/FRS	HAWAIIAN ELECTRIC CO.	170 ALOHA TOWER DR HONOLULU HI 96813 <i>Registry ID: 110070789542</i>	NNE	0.00 / 0.00	0	107
7	FED BROWNFIELDS	Hawaiian Electric Co.	170 Aloha Tower Dr HONOLULU HI 96813 <i>Property ID: 241693</i>	NNE	0.00 / 0.00	0	108
7	BROWNFIELDS	HART HECO Downtown Station	170 Aloha Tower Dr Honolulu HI 96813	NNE	0.00 / 0.00	0	136
7	SHWS	HART HECO Downtown Station	170 Aloha Tower Dr Honolulu HI 96813	NNE	0.00 / 0.00	0	139
8	FINDS/FRS	STATE OF HAWAII PIER 5	PIER 5 HONOLULU HI 96813 <i>Registry ID: 110041450211</i>	SSE	0.00 / 0.00	0	144
9	SPILLS		Honolulu Harbor, Pier 5 Honolulu HI	S	0.00 / 0.00	-3	144

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	CERCLIS	HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813 <i>Site EPA ID: HID000150680</i>	NNE	0.00 / 0.00	0	146
10	CERCLIS NFRAP	HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813 <i>Site EPA ID: HID000150680</i>	NNE	0.00 / 0.00	0	147
10	ERNS		170 ALAMOANA BLVD HONOLULU HI 96813 <i>NRC Report No: 983877</i>	NNE	0.00 / 0.00	0	148
10	ERNS		170 ALA MOANA BLVD PIER 7 HONOLULU HI 96814 <i>NRC Report No: 446453</i>	NNE	0.00 / 0.00	0	150
10	RCRA CORRACTS	HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813 <i>EPA Handler ID: HID000150680</i>	NNE	0.00 / 0.00	0	152
10	RCRA VSQG	HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813 <i>EPA Handler ID: HID000150680</i>	NNE	0.00 / 0.00	0	161
10	FINDS/FRS	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	0	168
10	DELISTED SHWS	HECO Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	0	169
10	UST	HONOLULU GENERATING STATION	170 ALA MOANA BLVD Honolulu HI 96813 <i>Facility ID: 9-100961</i> <i>Tank ID Tank Status Desc Date Closed: R-01 Permanently Out of Use </i>	NNE	0.00 / 0.00	0	169
10	SPILLS	Mystery Sheen NRC 893840	170 Ala Moana Blvd Honolulu HI <i>Case No: 20090102-0830</i>	NNE	0.00 / 0.00	0	170
10	ERNS		170 ALA MOANA BLVD. HONOLULU HI <i>NRC Report No: 1090865</i>	NNE	0.00 / 0.00	0	170
10	ICIS	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	0	172
10	ICIS	HAWAIIAN ELECTRIC CO - HONOLULU	170 ALA MOANA BLVD HONOLULU HI 96803 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	0	172
10	SEMS ARCHIVE	HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813 <i>EPA ID: HID000150680</i>	NNE	0.00 / 0.00	0	173

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	INST	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	0	173
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20011024-1407</i>	NNE	0.00 / 0.00	0	174
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20140731-1317</i>	NNE	0.00 / 0.00	0	175
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20041105-1850</i>	NNE	0.00 / 0.00	0	176
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 19960214-1545</i>	NNE	0.00 / 0.00	0	177
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20040708-0700</i>	NNE	0.00 / 0.00	0	178
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 19970218-1413</i>	NNE	0.00 / 0.00	0	178
10	SPILLS	Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 19980415-0845</i>	NNE	0.00 / 0.00	0	179
10	ICIS	HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	0	180
10	ERNS		170 ALA MOANA BLVD HONOLULU HI 96813 <i>NRC Report No: 1153511</i>	NNE	0.00 / 0.00	0	180
10	SPILLS		170 Ala Moana Boulevard, Honolulu, HI Honolulu HI	NNE	0.00 / 0.00	0	182
10	HWM	HONOLULU GENERATING STATION	170 Ala Moana Boulevard Honolulu HI 96813	NNE	0.00 / 0.00	0	184
10	DELISTED SHWS	HECO Honolulu Power Plant	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	0	186
10	TRIS	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	0	186

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	FRP	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI	NNE	0.00 / 0.00	0	212
10	AFS	HAWAIIAN ELECTRIC CO - HONOLULU	170 ALA MOANA BLVD HONOLULU HI 96803	NNE	0.00 / 0.00	0	213
11	FINDS/FRS	HONOAPIILANI HIGHWAY SHORELINE PROTECTION FOR TSUNAMI DAMAGE IN UKUMEHAME	HI <i>Registry ID: 110055390410</i>	SSW	0.00 / 0.00	-3	231
12	SPILLS		Dock V5, Pearl Harbor Honolulu HI	S	0.00 / 0.00	-3	231
13	ERNS		181 ALAMOANA BLVD HI <i>NRC Report No: 641724</i>	NNE	0.00 / 0.00	0	233

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
14	FINDS/FRS	ISLAND PACIFIC ACADEMY (ACADEMEX PRIVATE SCHOOL)	HI <i>Registry ID: 110055393970</i>	SSE	0.00 / 4.77	0	234
15	SPILLS		Nimitz Highway Honolulu HI	NNE	0.00 / 5.22	0	235
16	HWM	HONOLULU HARBORS ADMINISTRATION BUILDING	79 S. NIMITZ HIGHWAY HONOLULU HI 96813	ENE	0.00 / 18.98	0	236
17	ERNS		181 ALA MOANA BLVD, PIER 7A HONOLULU HI <i>NRC Report No: 782772</i>	NNE	0.01 / 29.53	0	237
17	RCRA NON GEN	PACIFIC CRUISES	181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813 <i>EPA Handler ID: HIR000133231</i>	NNE	0.01 / 29.53	0	239
17	FINDS/FRS	PACIFIC CRUISES	181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813 <i>Registry ID: 110013387076</i>	NNE	0.01 / 29.53	0	241
17	SPILLS	Pacific Cruises	181 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20030409-1016</i>	NNE	0.01 / 29.53	0	241
18	FINDS/FRS	REHABILITATION OF STREET, IDIQ4, JOB NO. 15-01	MULTIPLE STREETS ON OAHU (EWA, AIEA, SALT LAKE, HO HONOLULU HI 96813 <i>Registry ID: 110067436965</i>	SSE	0.01 / 36.37	-1	242
19	SPILLS		Honolulu Harbor, Pier 4 Honolulu HI	SSE	0.01 / 36.44	-3	242
20	FINDS/FRS	INTERSTATE ROUTE H-1 EASTBOUND, VINEYARD BOULEVARD ON-RAMP, LUSITANA STREET CONN	INTERSECTION OF VINEYARD BOULEVARD ON-RAMP (TO H-1 HONOLULU HI 96813 <i>Registry ID: 110064860663</i>	SSE	0.01 / 43.78	-1	243
21	ERNS		PEARL HARBOR HICKAM 648 BISHOP POINT HONOLULU HI	N	0.01 / 59.93	0	244

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
			NRC Report No: 1348097					
22	SPILLS	HECO Pipeline Bishop Street and Nimitz Highway	Bishop St & Nimitz Hwy Honolulu HI	NNE	0.01 / 66.66	0	246	
			Case No: 19901114-					
22	SPILLS		Bishop Street and South Nimitz Hwy Honolulu HI	NNE	0.01 / 66.66	0	246	
23	SPILLS	Under Tree at the Corner of Alakea Street & Nimitz Highway	Alakea St & Nimitz Hwy Honolulu HI 96813	NE	0.02 / 86.49	0	248	
			Case No: 19930923-1					
23	SPILLS	HART CC-101	Nimitz and Alakea Honolulu HI	NE	0.02 / 86.49	0	248	
			Case No: 20140225-0815					
24	SPILLS	Truck Leaking Oil	Ala Moana Blvd & Bishop St Honolulu HI 96813	NNE	0.02 / 94.95	0	249	
			Case No: 19900621					
25	SPILLS	HART Boring CC103L	Ala Moana Blvd Richards Street Honolulu HI	ENE	0.02 / 103.24	0	249	
			Case No: 20140407-0835					
26	SPILLS	HART CC103R	Ala Moana Blvd between Alakea and Richards Honolulu HI	ENE	0.02 / 105.58	0	250	
			Case No: 20140311-1300					
27	SPILLS	USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C	433 Ala Moana Blvd Honolulu HI 96814	SSE	0.02 / 113.53	0	250	
			Case No: 19920303					
27	SPILLS	433 Ala Moana Boulevard	433 Ala Moana Blvd Honolulu HI 96813	SSE	0.02 / 113.53	0	250	
			Case No: 19910719					
27	RCRA VSQG	USCG PIER 4	433 ALA MOANA BLVD HONOLULU HI 96813	SSE	0.02 / 113.53	0	251	
			EPA Handler ID: HIR000147702					
28	UST	AWA STREET WASTEWATER PUMP STATION	190 NIMITZ HWY Honolulu HI 96817	NE	0.03 / 157.07	0	252	
			Facility ID: 9-103664 Tank ID Tank Status Desc Date Closed: M-1 Currently In Use , M-1 Currently In Use , M-1 Currently In Use , M-1 Currently In Use , M-1 Currently In Use					
29	SPILLS		Aloha Tower Pier 8 Honolulu HI	NW	0.03 / 172.29	-2	253	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
30	SPILLS		Aloha Tower Pier 8 Honolulu HI	NNW	0.03 / 173.28	-2	254
31	UST	U.S. POSTAL SERVICE - DOWNTOWN	701 RICHARD ST Honolulu HI 96813	ENE	0.03 / 184.63	2	255
			<i>Facility ID:</i> 9-101767 <i>Tank ID Tank Status Desc Date Closed:</i> R-2 Permanently Out of Use 1/1/1985, R-1 Permanently Out of Use 1/1/1985				
31	FED BROWNFIELDS	Federal General Services Adminstration - USPS	701 Richards St. Honolulu HI 96850	ENE	0.03 / 184.63	2	256
			<i>Property ID:</i> 250294				
32	SPILLS		Pier 8 Honolulu Harbor Honolulu HI	NW	0.04 / 186.01	-1	266
33	SPILLS		Hawaii Pacific University loading area Honolulu HI	NNW	0.04 / 203.12	0	268
34	SPILLS		Aloha Tower Pier 8 HI	WNW	0.04 / 208.27	0	269
35	RCRA VSQG	GROSVENOR CENTER	733 BISHOP ST HONOLULU HI 96813	NE	0.05 / 279.60	3	270
			<i>EPA Handler ID:</i> HID984469767				
35	LUST	Pacific Guardian Center	733 BISHOP ST Mauka Tower, 27th Floor Honolulu HI 96813	NE	0.05 / 279.60	3	271
			<i>Facility ID:</i> 9-101521 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 10/17/2000 000083				
35	UST	Pacific Guardian Center	733 BISHOP ST Mauka Tower, 27th Floor Honolulu HI 96813	NE	0.05 / 279.60	3	272
			<i>Facility ID:</i> 9-101521 <i>Tank ID Tank Status Desc Date Closed:</i> M-1 Currently in Use , r-M-1 Permanently out of Use 8/2/2013, r-M-1 Permanently out of Use 8/2/2013, M-1 Currently in Use , M-1 Currently in Use , M-1 Currently in Use , r-M-1 Permanently out of Use 8/2/2013, r-M-1 Permanently out of Use 8/2/2013				
35	HWM	GROSVENOR CENTER	733 Bishop Street Honolulu HI	NE	0.05 / 279.60	3	273
35	FED BROWNFIELDS	Pacific Guardian Center	733 Bishop St HONOLULU HI 96813	NE	0.05 / 279.60	3	274
			<i>Property ID:</i> 241692				
35	FED BROWNFIELDS	Pacific Guardian Center	733 Bishop St Honolulu HI 96813	NE	0.05 / 279.60	3	284
			<i>Property ID:</i> 250284				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
36	LUST	HARBOR SQUARE ASSOCIATION	700 RICHARDS ST Honolulu HI 96813	ENE	0.06 / 295.73	3	295
			<i>Facility ID:</i> 9-103509 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 3/12/2001 000055				
36	UST	HARBOR SQUARE ASSOCIATION	700 RICHARDS ST Honolulu HI	ENE	0.06 / 295.73	3	295
			<i>Facility ID:</i> 9-103509 <i>Tank ID Tank Status Desc Date Closed:</i> M-2 Currently In Use , R-M-1 Permanently Out of Use 12/21/1999, M-2 Currently In Use , R-M-1 Permanently Out of Use 12/21/1999, R-M-1 Permanently Out of Use 12/21/1999, M-2 Currently In Use				
37	RCRA SQG	PRIDE OF AMERICA IMO NO 9209221	PIER 2 PASSENGER TERMINAL, 521 ALA MOANA BLVD HONOLULU HI 96813	NNW	0.06 / 331.71	0	297
			<i>EPA Handler ID:</i> HIR000136598				
38	SPILLS	Norwegian Cruise Line	700 Bishop St Suite 900 Honolulu HI 96813	NNE	0.07 / 357.26	3	303
			<i>Case No:</i> 20060124-0813				
38	SPILLS	Norwegian Cruise Line	700 Bishop St Suite 900 Honolulu HI 96813	NNE	0.07 / 357.26	3	304
			<i>Case No:</i> 20040811-1115				
39	UST	Pacific Light Net	737 Bishop Street Honolulu HI 96813	NE	0.07 / 378.82	3	304
			<i>Facility ID:</i> 9-101803 <i>Tank ID Tank Status Desc Date Closed:</i> r-M-2 Permanently out of Use 8/13/2014, R-M-1 Permanently Out of Use 11/2/1996, R-M-1 Permanently Out of Use 11/2/1996, r-M-2 Permanently out of Use 8/13/2014, r-M-2 Permanently out of Use 8/13/2014, R-M-1 Permanently Out of Use 11/2/1996				
39	UST	MCI International, s/o WorldCom, Inc.	737 BISHOP ST. Honolulu HI 96813	NE	0.07 / 378.82	3	305
			<i>Facility ID:</i> 9-103246 <i>Tank ID Tank Status Desc Date Closed:</i> M-1 Currently In Use , M-1 Currently In Use				
39	LUST	Pacific Light Net	737 Bishop Street Honolulu HI 96813	NE	0.07 / 378.82	3	306
			<i>Facility ID:</i> 9-101803 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 3/23/2015 140023				
39	ALT FUELS	Pacific Guardian Center	737 Bishop St Honolulu HI 96813	NE	0.07 / 378.82	3	306
			<i>ID:</i> 66924				
39	HWM	PACIFIC GUARDIAN CENTER	737 Bishop Street Honolulu HI	NE	0.07 / 378.82	3	307
39	RCRA NON GEN	PACIFIC GUARDIAN CENTER	737 BISHOP ST HONOLULU HI 96813	NE	0.07 / 378.82	3	307
			<i>EPA Handler ID:</i> HIR000136069				
40	SPILLS		1 Aloha Tower Drive Honolulu, HI. 96813 HI	NW	0.07 / 379.87	0	309

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
41	RCRA NON GEN	PRIDE OF ALOHA IMO 9128532	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813 EPA Handler ID: HIR000106518	NNW	0.07 / 385.86	0	310
41	RCRA NON GEN	PRIDE OF HAWAII IMO 9304057	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813 EPA Handler ID: HIR000137281	NNW	0.07 / 385.86	0	316
41	SPILLS	Aloha Tower Market Place	1 Aloha Tower Dr Honolulu HI 96813 Case No: 19950316	NNW	0.07 / 385.86	0	319
41	SPILLS	Aloha Tower Market Place	1 Aloha Tower Dr Honolulu HI 96813 Case No: 20031203-2317	NNW	0.07 / 385.86	0	319
42	SPILLS		Pier 7 Aloha Tower Honolulu HI	NNW	0.08 / 398.41	0	320
43	SPILLS	Ala Moana Storm Drain	100 Ala Moana Blvd Honolulu HI 96813 Case No: 19900627-1	N	0.08 / 443.20	0	321
44	LUST	MELIM BLDG	333 QUEEN ST Honolulu HI 96813 Facility ID: 9-100812 Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 9/16/2008 910037	ENE	0.08 / 446.01	3	321
44	UST	MELIM BLDG	333 QUEEN ST Honolulu HI 96813 Facility ID: 9-100812 Tank ID / Tank Status Desc / Date Closed: R-3 Permanently Out of Use 3/6/1993, R-1 Permanently Out of Use 3/6/1993, R-2 Permanently Out of Use 3/13/1993	ENE	0.08 / 446.01	3	321
45	CERCLIS	KURE ATOLL, U.S. COAST GUARD	300 ALA MOANA BLVD, SUITE 8122 HONOLULU HI 968504982 Site EPA ID: HID984470039	ESE	0.08 / 446.46	0	322
45	RCRA NON GEN	USCG	300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT HONOLULU HI 96850 EPA Handler ID: HIP000035527	ESE	0.08 / 446.46	0	323
45	RCRA VSQG	PJKK FEDERAL BLDG AND US COURTHOUSE	300 ALA MOANA BLVD HONOLULU HI 96850 EPA Handler ID: HIR000139550	ESE	0.08 / 446.46	0	325
45	SEMS	KURE ATOLL, U.S. COAST GUARD	300 ALA MOANA BLVD, SUITE 8122 HONOLULU HI 96850-4982 EPA ID: HID984470039	ESE	0.08 / 446.46	0	326
45	DTNK	PJKK FEDERAL BUILDING & U.S. COURTHOUSE	300 Ala Moana Boulevard Honolulu HI	ESE	0.08 / 446.46	0	326

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
45	HWM	PJKK FEDERAL BLDG AND US COURTHOUSE	300 Ala Moana Boulevard Honolulu HI	ESE	0.08 / 446.46	0	327	
45	HWM	USCG	300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT HONOLULU HI 96850	ESE	0.08 / 446.46	0	327	
45	UST	PJKK Federal Building & U.S. Courthouse	300 ALA MOANA BLVD Honolulu HI	ESE	0.08 / 446.46	0	328	
			Facility ID: 9-101930 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 2/18/1995, R-1 Permanently Out of Use 2/18/1995, R-1 Permanently Out of Use 2/18/1995, M-2 Currently In Use , M-2 Currently In Use , M-2 Currently In Use					
45	FED BROWNFIELDS	State of Hawaii - DLNR -	300 Ala Moana Blvd Honolulu HI 96850	ESE	0.08 / 446.46	0	329	
			Property ID: 250305					
46	SPILLS	HECO pipeline	S Nimitz Hwy / Fort St intersection makai side Honolulu HI	N	0.09 / 450.27	0	340	
			Case No: 20110110-1419					
47	HWM	PRIDE OF HAWAII IMO 9304057	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813	NNW	0.09 / 455.83	0	340	
48	SPILLS	Manhole #19 at Fort Steet Mall & Nimitz Highway	Fort St & Nimitz Hwy Honolulu HI 96813	N	0.09 / 456.30	0	341	
			Case No: 19920000-8					
49	RCRA NON GEN	NORWEGIAN STAR	FORT ST PIER 10-11 ALOHA TOWER HONOLULU HI 96813	N	0.09 / 457.03	0	342	
			EPA Handler ID: HIR000106526					
50	SPILLS	HECO Pad-Mount Transformer No. 55326	826 Mililani St Honolulu HI 96813	E	0.09 / 458.22	3	348	
			Case No: 20100922-1423					
51	SPILLS	Group of people entering a door bypassing security	700 Fort St Honolulu HI	N	0.09 / 468.22	0	348	
			Case No: 20140421-0702					
52	ALT FUELS	Topa Financial Center	745 Fort St Honolulu HI 96813	N	0.10 / 510.91	0	348	
			ID: 45952					
52	RCRA NON GEN	PASHA HAWAII HOLDINGS LLC	745 FORT STREET, SUITE 315 TOPA FINANCIAL CENTER, FORT STREET TOWER HONOLULU HI 96813	N	0.10 / 510.91	0	349	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>EPA Handler ID:</i> HIT000146183				
53	FED BROWNFIELDS	Gov't - State of Hawaii	825 Mililani St. Honolulu HI 96850	E	0.10 / 513.13	3	350
			<i>Property ID:</i> 250295				
54	SHWS	FUDS Transportation Service Area No. 1 (Downtown)	Richards and Queen Honolulu HI 96813	ENE	0.10 / 527.82	6	361
55	SPILLS		Honolulu Harbor Pier 9 Honolulu HI 96813	WNW	0.10 / 528.29	-3	363
56	SPILLS		Honolulu Harbor, Pier 2A Honolulu HI	SSW	0.10 / 529.08	-3	364
57	SPILLS		Honolulu Harbor, Pier 10 Honolulu HI	NNW	0.10 / 530.89	0	365
58	SPILLS		Pier 2, Honolulu Harbor Honolulu HI	SSW	0.10 / 542.19	-3	366
59	UST	PIER 2	PIER 2 Honolulu HI 96818	NNW	0.10 / 551.84	0	368
			<i>Facility ID:</i> 9-103797 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use 5/19/2005				
60	SPILLS	Alexander & Baldwin Properties, Inc.	822 Bishop St Honolulu HI 96732	NNE	0.10 / 553.88	4	368
			<i>Case No:</i> 20010829-1552				
61	SPILLS		Honolulu Harbor, Pier 2 Honolulu HI	SSW	0.11 / 561.27	-3	369
62	HMIRS		PUNCHBOWL & POHUKAINA HONOLULU HI	SE	0.11 / 585.32	0	370
62	HMIRS		PUNCHBOWL & POHUKAINA HONOLULU HI	SE	0.11 / 585.32	0	372
63	ALT FUELS	Davies Pacific Center	841 Bishop St Honolulu HI 96813	NE	0.11 / 592.68	6	373
			<i>ID:</i> 50067				
63	HWM	LONGS DRUG STORE #10295	841 BISHOP STREET HONOLULU HI 96813	NE	0.11 / 592.68	6	374

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
63	RCRA VSQG	BAE SYSTEMS - HONOLULU ES	841 BISHOP STREET SUITE 300 HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000146472	NE	0.11 / 592.68	6	375
63	RCRA NON GEN	LONGS DRUG STORE #10295	841 BISHOP STREET SUITE 105 HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000142083	NE	0.11 / 592.68	6	376
64	INST	Aloha Tower Development	Nimitz Hwy Honolulu HI 96818	NW	0.11 / 596.86	0	385
65	SPILLS		Aloha Tower Honolulu HI	NW	0.12 / 629.10	-3	386
66	FUDS	TRANSPORTATION SER AREA	HONOLULU HI <i>FUDS Property No:</i> H09HI0332	ENE	0.12 / 638.91	7	387
67	SPILLS		Pier 2C, Honolulu Harbor Honolulu HI	SSW	0.12 / 645.77	-3	388
68	UST	KAAHUMANU HALE	777 PUNCHBOWL ST Honolulu HI 96813 <i>Facility ID:</i> 9-103481 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use 8/18/1999	SE	0.12 / 646.52	0	389
68	RCRA VSQG	KAAHUMANU HALE	777 PUNCHBOWL STREET HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000143917	SE	0.12 / 646.52	0	390
68	HWM	KAAHUMANU HALE	777 Punchbowl Street Honolulu HI	SE	0.12 / 646.52	0	391
68	FED BROWNFIELDS	State of Hawaii/DLNR	777 Punchbowl St. Honolulu HI 96813 <i>Property ID:</i> 250297	SE	0.12 / 646.52	0	391
69	SPILLS	Possible Oil Leak From Barge	79 S Nimitz Hwy Pier One Honolulu HI 96813 <i>Case No:</i> 20140824-0515	N	0.12 / 648.05	0	402
69	SPILLS	Unknown sheen 930597	79 S Nimitz Hwy Honolulu HI 96813 <i>Case No:</i> 20100205-0810	N	0.12 / 648.05	0	403
69	RCRA VSQG	HONOLULU HARBORS ADMINISTRATION BUILDING	79 S. NIMITZ HIGHWAY HONOLULU HI 96813	N	0.12 / 648.05	0	403

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: HID982510158				
69	SPILLS	Unknown sheen 930597	79 S Nimitz Hwy Honolulu HI 96813	N	0.12 / 648.05	0	405
			Case No: 20081128-0722				
70	SPILLS	Ala Moana Boulevard & Punchbowl Street	Ala Moana Blvd & Punchbowl St Honolulu HI 96813	SSE	0.12 / 652.98	0	406
71	FUDS	FORT ARMSTRONG MILITARY RESERVATION	HONOLULU HI	ESE	0.13 / 670.96	0	406
			FUDS Property No: H09HI0086				
72	FUDS	HAWAIIAN ENG DEPOT	HONOLULU HI	SSE	0.14 / 717.19	0	407
			FUDS Property No: H09HI0111				
73	HWM	FINANCIAL PLAZA OF THE PACIFIC	130 Merchant Street Honolulu HI	NNE	0.14 / 721.32	7	408
73	RCRA NON GEN	BANK OF HAWAII	130 MERCHANT ST HONOLULU HI 96813	NNE	0.14 / 721.32	7	408
			EPA Handler ID: HIP000139626				
74	ALT FUELS	City Financial Tower	201 Merchant St Honolulu HI 96813	NE	0.14 / 733.14	7	413
			ID: 75429				
74	HWM	CITY BANK	201 Merchant Street #1200 Honolulu HI 96813	NE	0.14 / 733.14	7	413
75	FED BROWNFIELDS	Pacific Guardian Center	403 Queen St Honolulu HI 96813	E	0.14 / 733.89	7	414
			Property ID: 250304				
76	ALT FUELS	FHC PV 1 & 2	999 Bishop St Honolulu HI 96813	NE	0.14 / 741.52	7	424
			ID: 85605				
76	HWM	FIRST HAWAIIAN CENTER	999 Bishop Street Honolulu HI	NE	0.14 / 741.52	7	425
76	RCRA NON GEN	FIRST HAWAIIAN CENTER	999 BISHOP ST HONOLULU HI 96813	NE	0.14 / 741.52	7	426
			EPA Handler ID: HIP000137901				
76	RCRA VSQG	FIRST HAWAIIAN CENTER	999 BISHOP ST HONOLULU HI 96813	NE	0.14 / 741.52	7	427

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
			<i>EPA Handler ID:</i> HIR000138032					
77	SHWS	Harbor Court	66 Queen St Honolulu HI 96813	NNE	0.15 / 810.99	7	429	
77	BROWNFIELDS	Harbor Court	66 Queen St Honolulu HI 96813	NNE	0.15 / 810.99	7	430	
78	RCRA VSQG	KING KALAKAUA BUILDING	335 MERCHANT ST HONOLULU HI 96813	ENE	0.15 / 817.03	7	431	
			<i>EPA Handler ID:</i> HIR000135293					
78	UST	U.S. POSTAL SERVICE - DOWNTOWN	335 MERCHANT ST Honolulu HI 96813	ENE	0.15 / 817.03	7	432	
			<i>Facility ID:</i> 9-101768 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use 12/1/1984					
78	HWM	KING KALAKAUA BUILDING	335 Merchant Street Honolulu HI	ENE	0.15 / 817.03	7	433	
79	RCRA VSQG	DAGS CSD KEELIKOLANI BLDG	830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813 <i>EPA Handler ID:</i> HI0000843045	ESE	0.17 / 897.18	3	433	
79	FED BROWNFIELDS	Servco Pacific, Inc.	830 Punchbowl St Honolulu HI 96813 <i>Property ID:</i> 250303	ESE	0.17 / 897.18	3	435	
80	UST	ALOHA AIRLINES INC (PMID 004103B)	P.O. BOX 30028 Honolulu HI 96820 <i>Facility ID:</i> 9-100168 <i>Tank ID Tank Status Desc Date Closed:</i> R-001 Permanently Out of Use 7/26/1989, R-002 Permanently Out of Use 8/17/1989, R-003 Permanently Out of Use 8/17/1989	NE	0.18 / 926.66	7	445	
81	RCRA NON GEN	AIR FLO EXPRESS INC	525 HALEKAUWILA STREET HONOLULU HI 96813 <i>EPA Handler ID:</i> HID033173907	ESE	0.18 / 953.36	3	446	
81	HWM	AIR FLO EXPRESS INC	525 Halekauwila Street Honolulu HI 96850	ESE	0.18 / 953.36	3	447	
82	RCRA NON GEN	NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT	521 ALA MOANA BLVD PIER 1 HONOLULU HI 96813 <i>EPA Handler ID:</i> HIT000140517	SSE	0.18 / 966.77	0	448	
83	LUST	HARBOR COURT PROJECT	CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800 <i>Facility ID:</i> 9-102464 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 11/10/1994 920003	N	0.19 / 982.28	7	449	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
83	UST	HARBOR COURT PROJECT	CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800 <i>Facility ID:</i> 9-102464 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use	N	0.19 / 982.28	7	450
84	RCRA VSQG	LONGS DRUG STORES #2915	500 ALA MOANA BOULEVARD BUILDING 1 HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000140608	SE	0.19 / 984.55	0	450
84	UST	Waterfront Plaza - HI0020	500 ALA MOANA BLVD. #210 Honolulu HI 96813 <i>Facility ID:</i> 9-101732 <i>Tank ID Tank Status Desc Date Closed:</i> M-1 Currently In Use , M-2 Currently In Use , M-1 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-1 Currently In Use , M-1 Currently In Use , M-2 Currently In Use , M-1 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-2 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-2 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998	SE	0.19 / 984.55	0	454
84	RCRA VSQG	SURGICARE OF HAWAII	500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000143172	SE	0.19 / 984.55	0	456
84	ALT FUELS	Water Front Plaza	500 Ala Moana Blvd Honolulu HI 96813 <i>ID:</i> 50069	SE	0.19 / 984.55	0	459
84	UST	Honolulu Sports & Spine Surgery Center	500 Ala Moana Blvd Honolulu HI 96813 <i>Facility ID:</i> 9-103844 <i>Tank ID Tank Status Desc Date Closed:</i> M-1 Currently in Use , M-1 Currently in Use , M-1 Currently in Use	SE	0.19 / 984.55	0	459
84	HWM	WATERFRONT PLAZA	500 Ala Moana Boulevard Honolulu HI 96813	SE	0.19 / 984.55	0	460
84	HWM	LONGS DRUG STORES NO 2915	500 Ala Moana Boulevard Honolulu HI 96813	SE	0.19 / 984.55	0	461
84	HWM	SURGICARE OF HAWAII	500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813	SE	0.19 / 984.55	0	461
84	RCRA NON GEN	WATERFRONT PLAZA	500 ALA MOANA BLVD HONOLULU HI 96813 <i>EPA Handler ID:</i> HIP000137240	SE	0.19 / 984.55	0	462
84	ALT FUELS	Waterfront Plaza	500 Ala Moana Blvd Honolulu HI 96813 <i>ID:</i> 237182	SE	0.19 / 984.55	0	463
85	HWM	DAGS CSD KAMAMALU BLDG	1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ENE	0.19 / 985.99	7	464

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86	HWM	DAGS CSD KEELIKOLANI BLDG	830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813	ESE	0.19 / 996.21	3	464
87	LUST	CENTRAL PACIFIC BANK	220 S KING ST Honolulu HI 96813 <i>Facility ID:</i> 9-103534 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 10/23/2001 990232	NE	0.19 / 1,014.81	7	465
87	UST	CENTRAL PACIFIC BANK	220 S KING ST Honolulu HI 96813 <i>Facility ID:</i> 9-103534 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use 8/6/1999	NE	0.19 / 1,014.81	7	465
87	ALT FUELS	Central Pacific Plaza	220 South King Street Honolulu HI 96813 <i>ID:</i> 45930	NE	0.19 / 1,014.81	7	466
88	RCRA VSQG	KAPUAIWA BUILDING	426 QUEEN STREET HONOLULU HI 96813 <i>EPA Handler ID:</i> HIR000141861	E	0.19 / 1,026.37	7	466
88	HWM	KAPUAIWA BUILDING	426 QUEEN STREET HONOLULU HI 96813	E	0.19 / 1,026.37	7	468
89	ALT FUELS	Bishop Square	1003 Bishop St Honolulu HI 96813 <i>ID:</i> 66918	NE	0.20 / 1,071.01	8	468
89	ALT FUELS	Bishop Square	1003 Bishop Street Honolulu HI 96813 <i>ID:</i> 237180	NE	0.20 / 1,071.01	8	469
90	FUDS	BANK BUILDING	HONOLULU HI <i>FUDS Property No:</i> H09HI0378	N	0.21 / 1,114.92	-3	470
91	SHWS	FUDS Yokohama Specie Bank Building	36 Merchant St Honolulu HI 96813	NNE	0.21 / 1,124.22	10	471
92	LUST	REED LANE WAREHOUSE	556 REED LN Honolulu HI 96813 <i>Facility ID:</i> 9-103537 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 5/3/2001 990222	SE	0.21 / 1,132.61	0	472
92	UST	REED LANE WAREHOUSE	556 REED LN Honolulu HI 96813 <i>Facility ID:</i> 9-103537 <i>Tank ID Tank Status Desc Date Closed:</i> R-1 Permanently Out of Use 8/12/1999	SE	0.21 / 1,132.61	0	472
93	RCRA VSQG	DAGS CSD KAMAMALU BLDG	1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813 <i>EPA Handler ID:</i> HI0000842864	ENE	0.22 / 1,141.20	7	473

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
94	RCRA VSQG	DAGS CSD ALIIAIMOKU HALE BLDG DOT	869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813 <i>EPA Handler ID:</i> HI0000842989	ESE	0.22 / 1,143.34	3	474
94	RCRA VSQG	STATE OF HAWAII AUTO MGMT DIV	869A PUNCHBOWL ST HONOLULU HI 96813 <i>EPA Handler ID:</i> HID982354136	ESE	0.22 / 1,143.34	3	476
94	LUST	State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	869A PUNCHBOWL ST Honolulu HI 96813 <i>Facility ID:</i> 9-100189 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 8/5/1996 870009	ESE	0.22 / 1,143.34	3	477
94	UST	State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	869A PUNCHBOWL ST Honolulu HI 96813 <i>Facility ID:</i> 9-100189 <i>Tank ID Tank Status Desc Date Closed:</i> 1 Currently in Use , 2 Currently in Use , R-2 Permanently Out of Use 10/1/1987, 1 Currently in Use , R-1 Permanently Out of Use 10/1/1987, R-1 Permanently Out of Use 10/1/1987, R-1 Permanently Out of Use 10/1/1987, R-2 Permanently Out of Use 10/1/1987, 2 Currently in Use , R-2 Permanently Out of Use 10/1/1987, 1 Currently in Use , 2 Currently in Use	ESE	0.22 / 1,143.34	3	477
94	HWM	DAGS CSD ALIIAIMOKU HALE BLDG DOT	869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ESE	0.22 / 1,143.34	3	480
94	HWM	STATE OF HAWAII AUTO MGMT DIV	869 Punchbowl Street Honolulu HI	ESE	0.22 / 1,143.34	3	480
95	DELISTED DRYCLEANERS	Executive Cleaners	16 Merchant St. Honolulu HI 96813	NNE	0.23 / 1,188.12	10	481
95	DELISTED DRYCLEANERS	Fantastique, Inc.	16 Merchant St. Honolulu HI 96813	NNE	0.23 / 1,188.12	10	481
95	HWM	FANTASTIQUE DRY CLEANING	16 Merchant Street Honolulu HI	NNE	0.23 / 1,188.12	10	482
95	SHWS	Fantastique Dry Clean & Alteration	16 Merchant St Honolulu HI 96813	NNE	0.23 / 1,188.12	10	482
95	RCRA NON GEN	FANTASTIQUE DRY CLEANING	16 MERCHANT STREET HONOLULU HI 96813 <i>EPA Handler ID:</i> HIP000136432	NNE	0.23 / 1,188.12	10	483
95	FED DRYCLEANERS	FANTASTIQUE DRY CLEANING	16 MERCHANT STREET HONOLULU HI 96813	NNE	0.23 / 1,188.12	10	485

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			FRS Facility ID: 110070594358				
95	BROWNFIELDS	Fantastique Dry Clean & Alteration	16 Merchant St Honolulu HI 96813	NNE	0.23 / 1,188.12	10	485
96	FED BROWNFIELDS	Tony Hawaii Automotove Group, LTD	557 Halekauwila St HONOLULU HI 96813	ESE	0.23 / 1,191.18	3	486
			Property ID: 241690				
96	FED BROWNFIELDS	Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813	ESE	0.23 / 1,191.18	3	497
			Property ID: 250287				
96	FED BROWNFIELDS	Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813	ESE	0.23 / 1,191.18	3	508
			Property ID: 250289				
96	FED BROWNFIELDS	Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813	ESE	0.23 / 1,191.18	3	518
			Property ID: 250288				
97	RCRA NON GEN	INDUSTRIAL TECHNOLOGY	1088 BISHOP ST HONOLULU HI 96813	NE	0.23 / 1,223.15	13	529
			EPA Handler ID: HID981689177				
97	HWM	LONGS DRUG STORE #9182	1088 BISHOP STREET, SUITE 113 HONOLULU HI 96813	NE	0.23 / 1,223.15	13	531
97	HWM	INDUSTRIAL TECHNOLOGY	1088 Bishop Street Honolulu HI	NE	0.23 / 1,223.15	13	532
98	UST	BANK OF HAWAII ANNEX	800 NUUANU AVE Honolulu HI 96813	N	0.23 / 1,228.24	7	533
			Facility ID: 9-100813				
			Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 10/20/1997				
99	FUDS	HEADQUARTERS 969TH CIC	HONOLULU HI	ESE	0.23 / 1,234.36	3	533
			FUDS Property No: H09HI0115				
100	CERCLIS	HOWLAND ISLAND NATIONAL WILDLIFE REFUGE	LAT 1N, LONG 170 170W, 1N, 170W HI 96820	N	0.23 / 1,239.76	-3	534
			Site EPA ID: HI7141190580				
101	HWM	ACME FENDER	565 Halekauwila Street Honolulu HI	ESE	0.24 / 1,246.00	3	535

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
101	RCRA NON GEN	ACME FENDER	565 HALEKAUWILA ST HONOLULU HI 96813 <i>EPA Handler ID: HIR000139246</i>	ESE	0.24 / 1,246.00	3	536
102	RCRA VSQG	HAWAII PACIFIC UNIVERSITY	1060 BISHOP ST HONOLULU HI 96813 <i>EPA Handler ID: HIR000055376</i>	NE	0.24 / 1,248.69	10	538
102	HWM	HAWAII PACIFIC UNIVERSITY	1060 Bishop Street Honolulu HI	NE	0.24 / 1,248.69	10	540
103	RCRA NON GEN	LONGS DRUG STORE #9182	1088 BISHOP STREET, SUITE 113 HONOLULU HI 96813 <i>EPA Handler ID: HI0000725499</i>	NE	0.24 / 1,262.34	10	540
104	HWM	HONOLULU HARBOR PIERS 16 17 18	PIER 16 17 18 HONOLULU HARBOR HONOLULU HI 96817	N	0.24 / 1,276.09	3	553
105	RCRA NON GEN	YWCA OF OAHU	1040 RICHARDS STREET HONOLULU HI 96813 <i>EPA Handler ID: HIP000144295</i>	ENE	0.25 / 1,318.94	10	554
106	SHWS	595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	0	556
106	INST	595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	0	559
106	BROWNFIELDS	595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	0	561
107	LUST	EUROCARE/KEICO PACIFIC/SHONS AUT	545 SOUTH ST Honolulu HI 96813 <i>Facility ID: 9-102760</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/20/1997 930110</i>	SE	0.25 / 1,337.08	0	564
108	SHWS	DR. SUN YAT-SEN MEMORIAL PARK	1041 BETHEL STREET HONOLULU HI 96813	NNE	0.25 / 1,343.94	16	564
108	BROWNFIELDS	DR. SUN YAT-SEN MEMORIAL PARK	1041 BETHEL STREET HONOLULU HI 96813	NNE	0.25 / 1,343.94	16	567
109	FED BROWNFIELDS	Chen, The Family Trust	586 South St HONOLULU HI 96813 <i>Property ID: 241694</i>	SE	0.26 / 1,372.15	0	569

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
110	SHWS	Chevron USA, Inc.	1001 Bishop St Honolulu HI 96813	NE	0.26 / 1,391.72	13	580
111	FED BROWNFIELDS	HCDA	599 Halekauwila St Honolulu HI 96813 <i>Property ID: 250306</i>	SE	0.27 / 1,413.13	0	581
112	LUST	CBI, INC	614 SOUTH ST Honolulu HI 96813 <i>Facility ID: 9-102467</i> <i>Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 6/1/1992 910091</i>	ESE	0.27 / 1,423.48	3	591
113	PCB	PACIFIC ENVIRO CORP. DBA PENCO	65 N. NIMITZ HWY, PIER 14 HONOLULU HI 96817 <i>Site ID: HID984467530</i>	N	0.27 / 1,428.75	0	592
113	PCB	AMERICAN MARINE CORPORATION	65 N. NIMITZ HWY., PIER 14 HONOLULU HI 96817 <i>Site ID: HIR000069575</i>	N	0.27 / 1,428.75	0	592
114	SHWS	HART Kaakaukui Station (Civic Center)	Halekauwila St x South St Honolulu HI 96814	SE	0.27 / 1,444.97	0	592
114	BROWNFIELDS	HART Kaakaukui Station (Civic Center)	Halekauwila St x South St Honolulu HI 96814	SE	0.27 / 1,444.97	0	599
115	LUST	AMELCO BUILDING (SERVICE STATION)	603 HALEKAUWILA ST Honolulu HI 96813 <i>Facility ID: 9-101356</i> <i>Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 6/20/1997 930106</i>	SE	0.28 / 1,488.17	0	605
116	FED BROWNFIELDS	Servco Pacific, Inc.	607 South St HONOLULU HI 96813 <i>Property ID: 241695</i>	ESE	0.29 / 1,507.35	3	605
117	LUST	MOTOR IMPORTS SERVICE	609 SOUTH ST Honolulu HI 96813 <i>Facility ID: 9-100879</i> <i>Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 10/20/2005 970114</i>	ESE	0.29 / 1,513.45	3	616
118	PFAS IND	PACIFIC ENVIRONMENTAL CORPORATION DBA PENCO	HONOLULU HI	SSW	0.29 / 1,526.39	0	616
119	LUST	C&CH KAKAAKO FIRE DEPT MECHANIC SHOP	620 SOUTH ST Honolulu HI 96813 <i>Facility ID: 9-100074</i> <i>Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 12/27/2011 990209</i>	ESE	0.29 / 1,531.81	3	617
120	LUST	K & Y Chevron 91524	571 S QUEEN ST Honolulu HI 96813	ESE	0.30 / 1,585.54	3	617

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Facility ID:</i> 9-101107 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 7/9/2003 020041				
121	LUST	TIRE RECAP SERVICE	526 KEAWE ST Honolulu HI 96813	SE	0.31 / 1,663.17	0	617
			<i>Facility ID:</i> 9-102758 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 6/20/1997 930108				
122	LUST	C&CH KAKAAKO FIRE STATION	555 QUEEN ST Honolulu HI 96813	ESE	0.32 / 1,665.80	3	617
			<i>Facility ID:</i> 9-100075 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 5/17/1999 940155				
123	LUST	INTERNATIONAL LIFE SUPPORT	633 HALEKAUWILA ST Honolulu HI 96813	SE	0.33 / 1,720.62	0	618
			<i>Facility ID:</i> 9-102759 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 6/20/1997 930109				
124	LUST	C&CH WATERFRONT FIRE STATION	111 N NIMITZ HWY Honolulu HI 96817	N	0.33 / 1,731.98	0	618
			<i>Facility ID:</i> 9-100097 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 2/7/1995 910027				
125	ERNS PFAS		HONOLULU HI	E	0.33 / 1,734.29	7	618
125	ERNS PFAS		HONOLULU HI	E	0.33 / 1,734.29	7	619
126	FUDS	MILL NO. 1	KAKAAKO HI <i>FUDS Property No:</i> H09HI0233	ESE	0.33 / 1,748.60	7	619
127	INST	Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	10	620
127	SHWS	Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	10	621
127	BROWNFIELDS	Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	10	623
128	SHWS	604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	0	624
128	INST	604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	0	626
128	BROWNFIELDS	604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	0	627

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
129	SHWS	458 Keawe Street	458 Keawe St Honolulu HI 96813	SE	0.34 / 1,773.00	0	629
129	BROWNFIELDS	458 Keawe Street	458 Keawe St Honolulu HI 96813	SE	0.34 / 1,773.00	0	631
130	SHWS	Former Gas Station Investigation	128 N Nimitz Hwy Honolulu HI	N	0.34 / 1,781.29	2	632
131	BROWNFIELDS	Kakaako Block B	400 Keawe St Honolulu HI 96813	SSE	0.34 / 1,800.99	0	633
131	INST	Kakaako Block B	400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	SSE	0.34 / 1,800.99	0	636
131	ENG	Kakaako Block B	400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	SSE	0.34 / 1,800.99	0	637
131	SHWS	Kakaako Block B	400 Keawe St Honolulu HI 96813	SSE	0.34 / 1,800.99	0	638
132	LUST	AAA HAWAII BUILDING	590 QUEEN ST Honolulu HI 96813	ESE	0.34 / 1,808.53	3	641
			Facility ID: 9-100155 Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 11/8/2001 980195				
133	CERCLIS	AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	0	642
			Site EPA ID: HID984466383				
133	CERCLIS NFRAP	AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	0	643
			Site EPA ID: HID984466383				
133	SEMS ARCHIVE	AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	0	644
			EPA ID: HID984466383				
133	SHWS	Amelco Corporation	645 Halekauwila St Honolulu HI 96813	SE	0.34 / 1,814.74	0	644
134	INST	Honolulu Seawater Air Conditioning Project	Keawe St Shoreline to Auahi St Honolulu HI 96813	SSE	0.35 / 1,844.14	0	647

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
134	ENG	Honolulu Seawater Air Conditioning Project	Keawe St Shoreline to Auahi St Honolulu HI 96813	SSE	0.35 / 1,844.14	0	648
135	CERCLIS	QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813 <i>Site EPA ID:</i> HID984466698	ESE	0.35 / 1,874.34	3	650
135	CERCLIS NFRAP	QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813 <i>Site EPA ID:</i> HID984466698	ESE	0.35 / 1,874.34	3	651
135	SEMS ARCHIVE	QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813 <i>EPA ID:</i> HID984466698	ESE	0.35 / 1,874.34	3	652
136	LUST	GENSIRO KAWAMOTO	630 KEAWE ST Honolulu HI 96800 <i>Facility ID:</i> 9-102965 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 8/30/2005 940173	ESE	0.36 / 1,889.18	0	652
137	FED BROWNFIELDS	Katherine M. Cooper Trust	609 Keawe St. Honolulu HI 96813 <i>Property ID:</i> 250299	SE	0.36 / 1,923.18	0	653
138	SHWS	Hale O Kekaulike Affordable Rental Housing	905 Kekaulike St Honolulu HI 96817	N	0.37 / 1,962.69	3	663
139	RCRA TSD	VIP TOWING	1006 MIKOLE ST HONOLULU HI 96819 <i>EPA Handler ID:</i> HIR000139709	WSW	0.37 / 1,970.56	0	664
139	SHWS	Sand Island Industrial Park Lot 44	1006 Mikole St Honolulu HI 96819	WSW	0.37 / 1,970.56	0	673
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	674
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	674
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	675
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	676

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	676
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	677
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	677
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	678
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	678
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	679
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	679
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	680
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	680
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	681
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	681
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	682
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	682

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	683
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	683
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	684
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	684
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	685
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	686
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	686
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	687
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	687
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	688
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	688
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	689
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	689

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	690
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	690
140	PFAS E	QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	10	691
141	SHWS	Ililani	615 Keawe St Honolulu HI 96814	ESE	0.38 / 1,985.72	0	691
142	LUST	GENSIRO KAWAMOTO	627 QUEEN ST Honolulu HI 96800 <i>Facility ID:</i> 9-102963 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 8/30/2005 940174	ESE	0.38 / 1,989.11	0	696
143	SHWS	Marks Garage	22 S Pauahi St Honolulu HI 96817	NNE	0.39 / 2,041.34	16	696
143	BROWNFIELDS	Marks Garage	22 S Pauahi St Honolulu HI 96817	NNE	0.39 / 2,041.34	16	699
144	FED BROWNFIELDS	Ililani LLC	676A Halekauwil St Honolulu HI 96813 <i>Property ID:</i> 250298	SE	0.39 / 2,065.32	0	702
145	INST	Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	0	713
145	SHWS	Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	0	714
145	BROWNFIELDS	Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	0	716
146	DELISTED LUST	Wong's Produce	690 Halekauwila st Honolulu HI 96813	SE	0.40 / 2,105.61	0	717
147	SHWS	Tajiri Lumber	1002 Puuwai St Honolulu HI 96819	WSW	0.40 / 2,105.98	0	717

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147	BROWNFIELDS	Tajiri Lumber	1002 Puuwai St Honolulu HI 96819	WSW	0.40 / 2,105.98	0	719
148	LUST	HI DOT HARBORS DIVISION	48 SAND ISLAND RD Honolulu HI 96819	WSW	0.40 / 2,107.28	0	720
			<i>Facility ID:</i> 9-101443 <i>Latest Status Status Date Event ID:</i> Disconfirmed Release - investigation ongoing 11/4/2019 suspected				
149	SHWS	Halekauwila Place	690 POHUKAINA ST Honolulu HI 96813	SE	0.40 / 2,108.75	0	721
149	FED BROWNFIELDS	State of Hawaii/DLNR/HHFDC	690 Pohukaina Street Honolulu HI 96813	SE	0.40 / 2,108.75	0	723
			<i>Property ID:</i> 250331				
149	FED BROWNFIELDS	State of Hawaii/DLNR/HHFDC	690 Pohukaina Street Honolulu HI 96813	SE	0.40 / 2,108.75	0	734
			<i>Property ID:</i> 250300				
150	LUST	STATE CAPITOL - TMK 2- 1-33:25	235 S BERETANIA ST Honolulu HI 96813	NE	0.41 / 2,139.06	19	745
			<i>Facility ID:</i> 9-102692 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 11/26/1999 930076				
151	SHWS	Kakaako Pumping Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	0	745
151	INST	Kakaako Pump Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	0	751
151	FED BROWNFIELDS	Historic Ala Moana (Kaka'ako) Pumping Station	240 Keawe Street Honolulu HI 96813	SSE	0.41 / 2,140.18	0	753
			<i>Property ID:</i> 54561				
151	BROWNFIELDS	Kakaako Pumping Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	0	760
152	LUST	POHULANI ELDERLY PROJECT	677 QUEEN ST Honolulu HI 96813	ESE	0.41 / 2,149.01	0	766
			<i>Facility ID:</i> 9-101396 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 8/24/1999 910006				
153	SWF/LF	Tajiri Demolition & Disposal	1015 Puuwai Street Honolulu HI	WSW	0.41 / 2,177.84	0	766
154	LUST	TENNEY'S BISHOP UNION	169 S BERETANIA ST Honolulu HI 96813	NE	0.41 / 2,181.14	16	766

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Facility ID:</i> 9-100015 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 3/8/1995 910092				
155	SEMS ARCHIVE	TOWCO	16-1 SAND ISLAND PARKWAY ROAD HONOLULU HI 96819 <i>EPA ID:</i> HID984468645	WSW	0.42 / 2,199.02	0	766
156	SHWS	Parcel 003	801 South St Honolulu HI 96813	ESE	0.42 / 2,240.36	3	767
156	BROWNFIELDS	Parcel 003	801 South St Honolulu HI 96813	ESE	0.42 / 2,240.36	3	771
157	PFAS IND	ALOHA PETROLEUM, LTD - HONOLULU TERMINAL	HONOLULU HI	NW	0.43 / 2,249.51	-3	774
158	LUST	Verizion Hawaii	207 KEAWE ST Honolulu HI 96813 <i>Facility ID:</i> 9-100496 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 9/25/1998 970065	S	0.43 / 2,261.96	0	775
159	LUST	DOWNTOWN CHEVRON	17 S BERETANIA ST Honolulu HI 96813 <i>Facility ID:</i> 9-101100 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 12/2/1992 910002	NNE	0.43 / 2,266.40	16	775
160	SHWS	Capitol Place Development Project	1212 Queen Emma St Honolulu HI 96813	NE	0.43 / 2,268.61	20	775
161	LUST	KALANIMOKU BLDG	TMK 2-1-24:01 1151 PUNCHBOWL ST Honolulu HI 96800 <i>Facility ID:</i> 9-102691 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 9/5/2000 000093	E	0.43 / 2,273.54	10	778
162	INST	Sause Brothers	Alakea St Honolulu HI 96817	NNW	0.43 / 2,286.18	0	778
163	FED BROWNFIELDS	Kaka'ako Makai Parcel L	200 Keawe St HONOLULU HI 96814 <i>Property ID:</i> 220144	S	0.44 / 2,323.41	0	779
164	INST	Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	3	786
164	SHWS	Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	3	788
164	ENG	Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	3	795

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164	BROWNFIELDS	Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	3	797
165	SHWS	Kekaulike Revitalization Project	163 N Hotel St Honolulu HI 96817	N	0.44 / 2,330.52	7	803
166	RCRA TSD	USCG BASE HONOLULU	400 SAND ISLAND PARKWAY HONOLULU HI 96819-1117 <i>EPA Handler ID: HI8690390036</i>	W	0.44 / 2,339.65	0	807
166	SHWS	U.S. Coast Guard Base Honolulu	400 Sand Island Pkwy Honolulu HI 96819	W	0.44 / 2,339.65	0	822
166	LUST	Coast Guard Base Honolulu	400 sand island parkway Honolulu HI 96819 <i>Facility ID: 9-101798 Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 1/28/2000 970128</i>	W	0.44 / 2,339.65	0	825
166	BROWNFIELDS	U.S. Coast Guard Base Honolulu	400 Sand Island Pkwy Honolulu HI 96819	W	0.44 / 2,339.65	0	825
166	ERNS PFAS		400 SAND ISLAND PARKWAY HONOLULU HI 96819	W	0.44 / 2,339.65	0	827
167	LUST	LBTC Holdings, LLC dba LEX BRODIE'S TIRE COMPANY	701 S QUEEN ST Honolulu HI 96813 <i>Facility ID: 9-102200 Latest Status / Status Date / Event ID: Site Cleanup Completed (NFA) 2/10/2003 910036</i>	ESE	0.44 / 2,341.62	0	828
168	SHWS	Kakaako Block C	Ilalo Street & Keawe Street Honolulu HI 96813	S	0.44 / 2,348.75	0	828
168	SHWS	Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	0	829
168	BROWNFIELDS	Kakaako Block C	Ilalo Street & Keawe Street Honolulu HI 96813	S	0.44 / 2,348.75	0	833
168	INST	Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	0	834
168	BROWNFIELDS	Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	0	835

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169	DELISTED SHWS	Inovation Block at Lot C	Ilalo St and Keawe St Kakaako HI 96815	S	0.45 / 2,350.12	0	839
170	FED BROWNFIELDS	State of Hawaii - DLNR -	190 N. Nimitz Highway HONOLULU HI 96817 <i>Property ID:</i> 244660	N	0.45 / 2,371.27	-1	840
171	LUST	THEO H. DAVIES EUROMOTORS, LTD.	704 ALA MOANA BLVD Honolulu HI 96813 <i>Facility ID:</i> 9-101329 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 3/4/1999 920169	SSE	0.46 / 2,411.28	0	851
172	INST	HCDA/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	0	851
172	SHWS	HCDA/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	0	852
172	ENG	HCDA/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	0	859
172	LUST	PRODUCE CENTER DEV. LTD.	651 ILALO ST Honolulu HI 96813 <i>Facility ID:</i> 9-101735 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 6/1/2001 940165	S	0.47 / 2,502.59	0	860
172	BROWNFIELDS	HCDA/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	0	861
173	LUST	HAWAII COMMUNITY DEVELOPMENT AUTHORITY	548 COOKE ST Honolulu HI 96813 <i>Facility ID:</i> 9-102418 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 8/24/1999 910060	SE	0.48 / 2,537.47	0	867
174	LUST	HONOLULU FORD INC.	711 ALA MOANA BLVD. Honolulu HI 96813 <i>Facility ID:</i> 9-100937 <i>Latest Status Status Date Event ID:</i> Site Cleanup Completed (NFA) 8/22/2006 050036	SSE	0.48 / 2,555.27	0	867
175	SHWS	Fisher Property	404 Cooke St Honolulu HI 96813	SE	0.48 / 2,558.42	0	867
176	FUDS	KUWILI PARK MILITARY RES	IWILEI HI <i>FUDS Property No:</i> H09HI0196	NNW	0.49 / 2,573.10	-3	868
177	SHWS	Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	0	869

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177	INST	Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	0	871
177	ENG	Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	0	872
177	BROWNFIELDS	Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	0	873
178	SHWS	630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	0	875
178	FED BROWNFIELDS	Honolulu - 630 Cooke St.	630 Cooke St. HONOLULU HI 96813 <i>Property ID: 235524</i>	ESE	0.50 / 2,619.42	0	877
178	INST	630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	0	883
178	BROWNFIELDS	630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	0	884
179	SHWS	215 North King Street Construction Site, Tanks 1 & 2	215 N King St Honolulu HI 96817	N	0.50 / 2,647.47	0	887
180	SHWS	Sand Island Business Association Lot 023 AST	1020 Ulupono St Honolulu HI 96819	W	0.52 / 2,727.49	0	889
181	SHWS	Rubber Stamp Plantation	746 Ilaniwai St Honolulu HI 96813	SE	0.52 / 2,761.32	0	891
182	SHWS	Bishop Estate - Underground Hoists Removal	744 Ala Moana Blvd Honolulu HI 96813	SSE	0.53 / 2,815.39	0	893
183	SHWS	760 Halekauwila Street VRP Site 33	760 Halekauwila St Honolulu HI 96813	SE	0.54 / 2,835.07	0	895

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184	SHWS	The Honolulu Advertiser (Hawaii Newspaper Agency)	605 Kapiolani Blvd Honolulu HI 96813	ESE	0.56 / 2,943.08	3	902
184	DELISTED SHWS	Parcel 004	605 Kapiolani Blvd Honolulu HI 96813	ESE	0.56 / 2,943.08	3	906
185	SHWS	Queen's Medical Center UST	1301 Punchbowl St Honolulu HI 96813	ENE	0.56 / 2,965.00	15	907
185	SHWS	Queens Medical Center	1301 Punchbowl St Honolulu HI 96813	ENE	0.56 / 2,965.00	15	908
186	SHWS	Y Hata & Company Kakaako	Cooke St & Ilalo St Honolulu HI 96814	SSE	0.56 / 2,966.01	3	909
187	SHWS	Pflueger Oil-Water Separator	777 Ala Moana Blvd Honolulu HI 96813	SSE	0.57 / 2,992.15	0	911
188	SHWS	Motor Imports	650 Kapiolani Blvd Honolulu HI 96813	ESE	0.57 / 2,999.28	3	912
189	SHWS	BWS Pump House N King Street	630 S Beretania St Honolulu HI 96817	E	0.57 / 2,999.86	7	918
190	SHWS	Town Inn	248-258 N Beretania St Honolulu HI 96817	NNE	0.58 / 3,063.70	0	922
191	SHWS	373 North Nimitz Highway	373 N Nimitz Hwy Honolulu HI 96817	NNW	0.58 / 3,084.84	0	935
192	SHWS	Fred L. Waldron Feed Mill	701 N Nimitz Hwy Honolulu HI 96817	NW	0.59 / 3,109.43	0	938
193	SHWS	Hawaii Instrumentation & Controls, Inc	822 Halekauwila St Honolulu HI 96813	SE	0.59 / 3,116.22	0	941
194	SHWS	815 Kawaiahao Street	815 Kawaiahao St Honolulu HI 96813	ESE	0.59 / 3,138.59	0	943

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195	SHWS	American Savings Bank Campus	300 N Beretania St Honolulu HI 96817	N	0.60 / 3,153.73	0	947
196	SHWS	725 Kapiolani Boulevard	725 Kapiolani Blvd Honolulu HI 96813	ESE	0.60 / 3,159.52	0	948
197	SHWS	Ward Management Development Block F Ulana Property	831-851 Pohukania Street Honolulu HI 96813	SE	0.60 / 3,160.12	0	950
198	SHWS	580 North Nimitz	580 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,162.84	0	953
199	SHWS	420-470 North Nimitz Highway	420-470 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,166.45	0	958
200	SHWS	Alii #3282	540 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,169.84	0	962
201	SHWS	BWS Beretania Pumping Station	650 S Beretania St Honolulu HI 96813	E	0.60 / 3,192.73	10	972
202	SHWS	FUDS Kuwili Park Military Reservation	Sumner and Nimitz Iwilei HI	NNW	0.61 / 3,195.40	0	973
203	DELISTED SHWS	Iwilei Fruits and Produce	920 Iwilei Rd Honolulu HI	N	0.61 / 3,201.00	0	974
204	SHWS	Hawaiian Flour Mill	703 N Nimitz Hwy Honolulu HI 96808	NW	0.61 / 3,220.77	0	975
205	SHWS	Kakaako Makai District Parking Garage-Unit 1 and 3	Ahui St, Ohe St, Ilalo St & Olomehani St Honolulu HI 96813	SSE	0.61 / 3,231.88	0	977
206	SHWS	Young Brothers Piers 24-28	705 N Nimitz Hwy Honolulu HI 96817	NW	0.61 / 3,234.09	0	990
206	SHWS	Hawaiian Tug & Barge Corporation	705 N Nimitz Hwy Honolulu HI 96817	NW	0.61 / 3,234.09	0	998

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207	SHWS	848 Ilaniwai Street	848 Ilaniwai Street Honolulu HI 96814	SE	0.62 / 3,248.19	0	1000
208	SHWS	Zippy's Nimitz	634 N Nimitz Hwy Honolulu HI 96781	NW	0.62 / 3,257.51	0	1003
209	SHWS	Senior Residences at Iwilei	888 Iwilei Rd Honolulu HI 96813	N	0.62 / 3,274.74	0	1013
210	SHWS	City & County Wastewater Collection System Maintenance Yard	98 Koula St Honolulu HI 96813	SSE	0.62 / 3,281.25	0	1018
211	SHWS	333 & 351 N King Street	333 & 351 N King St Honolulu HI 96817	N	0.62 / 3,282.61	0	1023
212	SHWS	837 Kawaiahao Street	837 Kawaiahao St Honolulu HI 96813	ESE	0.62 / 3,286.95	0	1028
213	SHWS	Alia Block Redevelopment Project	888 Ala Moana Blvd Honolulu HI 96813	SSE	0.62 / 3,289.73	0	1030
214	SHWS	Liliha Civic Center	337 N King St Honolulu HI 96817	N	0.63 / 3,304.01	0	1031
215	SHWS	836 Kawaiahao Street	836 Kawaiahao St Honolulu HI 96813	ESE	0.63 / 3,320.15	0	1035
216	FUDS	BASE YARD NO 7	HONOLULU HI <i>FUDS Property No:</i> H09HI0036	ESE	0.63 / 3,335.54	0	1037
217	SHWS	868 Queen Street, 819, 835 and 841 Kawaiahao Street	868 Queen St Honolulu HI 96813	SE	0.63 / 3,338.03	0	1038
218	SHWS	Kewalo Incinerator Landfill	709 Kelikoi St Honolulu HI 96813	S	0.63 / 3,342.73	7	1045
218	SHWS	Kakaako Maintenance Shed	709 Kelikoi St Honolulu HI 96813	S	0.63 / 3,342.73	7	1058

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
219	SHWS	Iwilei Center VRP Site 34	866 iwilei Road Honolulu HI	N	0.64 / 3,389.21	0	1060
220	SHWS	Iwilei Project Site	377 N King St Honolulu HI 96817	N	0.65 / 3,442.33	0	1069
221	SHWS	Roberts Hawaii	759 Kelikoi St Honolulu HI 96814	S	0.65 / 3,454.60	7	1081
222	SHWS	700 N Nimitz IDPP Release	700 N Nimitz Hwy Honolulu HI 96817	NW	0.66 / 3,466.82	0	1082
223	FUDS	KEWALO BASIN GUN SITE	HONOLULU HI <i>FUDS Property No:</i> H09HI0178	S	0.66 / 3,499.76	9	1089
224	SHWS	Halewaiolu Residences - 1331 -1337 River Street Release ID No. 20210924-1054	1337 River St Honolulu HI 96817	NNE	0.66 / 3,500.02	1	1089
225	SHWS	HECO Mokuone Electrical Substation	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	0	1091
225	SHWS	Towco Sand Island	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	0	1096
225	SHWS	Sand Island WWTP	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	0	1099
226	SHWS	393 North King Street	393 N King St Honolulu HI 96817	N	0.67 / 3,556.27	0	1132
227	SHWS	BMW Dealership	777 Kapiolani Blvd Honolulu HI 96813	ESE	0.68 / 3,577.37	0	1134
228	SHWS	Kewalo Incinerator	111 Ohe St Honolulu HI 96813	S	0.68 / 3,584.59	3	1138
228	SHWS	Verizon Wireless, HON Point Panic Cell Site	111 Ohe St Honolulu HI 96813	S	0.68 / 3,584.59	3	1142

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
229	SHWS	Bill's Crane Service	1071 Makepono St Honolulu HI 96819	W	0.68 / 3,608.69	0	1143
230	SHWS	BHP Pier 29	739 N Nimitz Hwy Honolulu HI 96817	NW	0.69 / 3,630.72	0	1145
230	DELISTED SHWS	Aloha Petroleum Terminal	739 N Nimitz Hwy Honolulu HI 96817	NW	0.69 / 3,630.72	0	1148
230	DELISTED SHWS	BHP Hawaii, Inc.	739 N Nimitz Hwy Honolulu HI	NW	0.69 / 3,630.72	0	1149
231	SHWS	Chuei Shokoh, Inc. 825 Kapiolani Blvd.	825 Kapiolani Blvd Honolulu HI 96813	ESE	0.69 / 3,661.52	0	1149
232	SHWS	K&Y Auto Service and Wayne's Auto Electric	902 Kawaiahao St & 539 Kamani St Honolulu HI 96814	ESE	0.70 / 3,704.85	0	1169
233	SHWS	The Park Ward Village Block H	333 Ward Avenue Honolulu HI 96814	SE	0.70 / 3,706.18	0	1171
234	SHWS	BHP Gas Express #11	940 Auahi St Honolulu HI 96814	SE	0.70 / 3,711.51	0	1175
235	SHWS	City Mill Iwilei	660 N Nimitz Hwy Honolulu HI 96817	NNW	0.71 / 3,723.68	0	1176
236	SHWS	Kapiolani Blvd. and Chapin Ln. Soil Contamination	Chapin St & Kapiolani Blvd Honolulu HI 96813	ESE	0.71 / 3,758.35	0	1182
237	SHWS	1122 Makepono Street	1122 Makepono St Honolulu HI 96819	W	0.71 / 3,763.91	0	1184
238	SHWS	775 North Nimitz Highway	775 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,776.75	0	1186
239	SHWS	755 North Nimitz Highway	755 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,799.97	0	1193

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
240	SHWS	One Archer Lane Petroleum Contamination	801 S King St Honolulu HI 96813	ESE	0.72 / 3,811.00	3	1195
241	DELISTED SHWS	Chevron Honolulu Terminal Marine	777 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,811.95	0	1197
241	SHWS	Island Energy Services (IES) Honolulu Marine Terminal	777 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,811.95	0	1197
242	SHWS	Polynesian Hospitality	330 Pacific St Honolulu HI 96817	NW	0.73 / 3,862.46	0	1221
243	DELISTED SHWS	Equilon Enterprises LLC Honolulu Terminal	789 N Nimitz Hwy Honolulu HI 96817	NW	0.73 / 3,862.60	0	1238
243	SHWS	Aloha Petroleum Honolulu Terminal	789 N Nimitz Hwy Honolulu HI 96817	NW	0.73 / 3,862.60	0	1238
244	SHWS	Royal Elementary School Building Exterior Soils	1519 Queen Emma St Honolulu HI 96813	ENE	0.74 / 3,881.18	36	1257
245	SHWS	Kakaako Brownfield Project-Unit 3	160 Ahui St Honolulu HI 96814	SSE	0.74 / 3,884.61	0	1259
246	SHWS	801 South Hotel Street	801 S Hotel St Honolulu HI 96813	E	0.74 / 3,887.73	10	1260
247	SHWS	Kakaako Brownfield Project-Unit 6	1011 Ala Moana Blvd Honolulu HI 96814	SSE	0.74 / 3,894.82	0	1262
248	SHWS	524 Kaaahi Street	524 Kaaahi St Honolulu HI 96817	N	0.74 / 3,909.32	3	1264
249	SHWS	1510A Frear Street	1510 Frear St Honolulu HI 96813	ENE	0.74 / 3,911.06	74	1267
250	SHWS	Symphony Park	850 Kapiolani Blvd Honolulu HI 96807	ESE	0.75 / 3,936.33	0	1268

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
251	SHWS	Former General Printing Company	533 Kaaahi St Honolulu HI 96817	N	0.75 / 3,964.03	3	1281
252	SHWS	Brewer Environmental Industries-Pacific Street	311 Pacific St Honolulu HI 96817	NW	0.75 / 3,972.15	0	1283
253	SHWS	HART Kuwili Station (Iwilei)	533 Kaaahi St, 537 Kaaahi St, 545 Kaaahi St, 504 Kuwili St Honolulu HI 96817	N	0.76 / 4,007.11	3	1317
254	SHWS	Travel Plaza Transportation	818 Pine St Honolulu HI 96817	NNW	0.77 / 4,061.31	3	1325
255	SHWS	922 Kaamahu Place	922 Kaamahu Pl Honolulu HI 96817	N	0.77 / 4,068.66	3	1329
256	SHWS	Kewalo Basin NOAA Parcel and Charter Building	1025 Ala Moana Blvd Honolulu HI 96814	SE	0.77 / 4,069.25	0	1330
257	SHWS	916 Kaamahu Place	916 Kaamahu Pl Honolulu HI 96817	N	0.77 / 4,088.37	3	1332
258	SHWS	Nuuanu Auto Company Ltd	545 Kaaahi St Honolulu HI 96817	N	0.78 / 4,098.22	3	1334
258	DELISTED SHWS	Former Nuuanu Auto Company	545 Kaaahi St Honolulu HI	N	0.78 / 4,098.22	3	1336
259	SHWS	Chevron Tanker Truck Loading Rack (TTLR)	356 Pacific St Honolulu HI 96817	NNW	0.78 / 4,102.10	0	1336
259	DELISTED SHWS	356 Pacific Street BWS Trenching Sheen	356 Pacific St Honolulu HI	NNW	0.78 / 4,102.10	0	1351
260	SHWS	Iwilei Business Center	501 Sumner St Honolulu HI 96814	NNW	0.78 / 4,106.65	3	1351
261	SHWS	Von Hamm Textiles	546 Kaaahi St Honolulu HI 96817	N	0.78 / 4,114.32	3	1354

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
262	SHWS	HECO Iwilei Tank Yard	855 N Nimitz Hwy Honolulu HI 96818	NW	0.80 / 4,209.15	0	1356
263	SHWS	Hawaiian Electric Iwilei Substation	617 Dillingham boulevard Honolulu HI	NNW	0.80 / 4,209.35	3	1364
264	SHWS	HECO Parking Lot and Alley	504 Kuwili St Honolulu HI 96817	NNW	0.80 / 4,238.39	3	1365
265	SHWS	Ward Village Gateway Demolition and Parking Project	1050 Ala Moana Blvd Honolulu HI	SE	0.81 / 4,265.29	0	1368
266	SHWS	Former Pauley Petroleum	795 N Nimitz Hwy Honolulu HI 96817	NW	0.81 / 4,267.33	0	1373
267	SHWS	Kakaako Brownfield Project-Unit 8	59 Ahui St Honolulu HI 96814	SSE	0.81 / 4,271.73	0	1382
268	SHWS	KGU Radio Station Transmitter Tower	111 Ahui St Honolulu HI 96814	SSE	0.81 / 4,272.56	0	1392
269	SHWS	Mayor Wright Homes Redevelopment Project	1020 Liliha Street Honolulu HI 96817	N	0.81 / 4,285.87	3	1394
270	SHWS	HART City Center Segment	Dillingham, Kaaahi, Nimitz, Queen, Kona Honolulu HI	N	0.81 / 4,287.55	7	1396
271	SHWS	Kukui Gardens	1103 Liliha St Honolulu HI 96817	N	0.81 / 4,290.62	3	1406
272	SHWS	BHP Gasco Benzene Site	616 Iwilei Rd Honolulu HI 96817	NNW	0.82 / 4,314.40	0	1408
273	SHWS	Hakim Properties Inc	861-869 N Nimitz Hwy Honolulu HI 96817	NW	0.82 / 4,328.93	0	1493
274	SHWS	Hawaii Opera Theater Sets & Props Warehouse	962 Kawaiahao St Honolulu HI 96814	SE	0.82 / 4,353.23	0	1497

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
275	SHWS	TOSCO Honolulu Terminal #0282	411 Pacific St Honolulu HI 96817	NW	0.83 / 4,387.50	0	1498
275	SHWS	Lowe's Iwilei	411 Pacific St Honolulu HI 96817	NW	0.83 / 4,387.50	0	1529
276	SHWS	Dole Cannery Complex	650 Iwilei Rd Honolulu HI 96817	NNW	0.83 / 4,395.14	3	1533
277	DELISTED SHWS	Kakaako Improvement District 4	Honolulu HI	SSE	0.83 / 4,407.68	0	1535
278	SHWS	FUDS Base Yard No. 7 (Blaisdell Center)	777 Ward Avenue Honolulu HI 96814	ESE	0.84 / 4,430.71	0	1536
279	SHWS	Chevron Bulk Fuel Loading Rack Driveway	861 N Nimitz Hwy Honolulu HI 96814	NW	0.85 / 4,479.76	0	1537
280	SHWS	Kakaako Makai District John Dominis	43 Ahui St Honolulu HI 96813	SSE	0.86 / 4,514.70	0	1538
281	SHWS	Cutter Dodge Dillingham	735 Dillingham Blvd Honolulu HI 96817	NNW	0.86 / 4,550.38	3	1541
282	SHWS	Dole Cannery	801 Dillingham Blvd Honolulu HI 96817	NNW	0.86 / 4,564.79	3	1542
283	SHWS	Kauluwela Elementary School Building Exterior Soils	1486 Aala St Honolulu HI 96817	NNE	0.87 / 4,583.07	32	1626
284	SHWS	Costco Iwilei	525 Alakawa St Honolulu HI 96817	NNW	0.87 / 4,601.07	3	1627
285	SHWS	IES Honolulu Transportation Terminal	933 N Nimitz Hwy Honolulu HI 96817	NW	0.92 / 4,857.39	0	1661
285	SHWS	DOT-A Parcel at Honolulu Harbor (34-A Lot)	933 N Nimitz Hwy Honolulu HI	NW	0.92 / 4,857.39	0	1669

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
286	SHWS	Pacifica Condominiums	1009 Kapiolani Blvd Honolulu HI 96814	ESE	0.93 / 4,895.79	0	1670
287	SHWS	ARTSPACE	1025 Waimanu St Honolulu HI 96814	SE	0.93 / 4,898.14	0	1672
288	FUDS	BATTERY PUNCHBOWL	HONOLULU HI <i>FUDS Property No:</i> H09HI0045	ENE	0.93 / 4,900.48	149	1677
289	SHWS	HDC Properties Stained Soils	1015 Kapiolani Blvd Honolulu HI 96813	ESE	0.94 / 4,942.47	0	1678
290	SHWS	710 North King Street	710 N King St Honolulu HI 96817	N	0.94 / 4,989.15	13	1679
291	SHWS	Glover Building	1046 Waimanu St Honolulu HI 96814	SE	0.95 / 5,011.43	0	1681
292	SHWS	Honolulu Community College Gas Station	826 Dillingham Blvd Honolulu HI 96817	NNW	0.96 / 5,073.09	7	1683
293	SHWS	Home Depot Iwilei	421 Alakawa St Honolulu HI 96817	NW	0.96 / 5,076.59	0	1685
294	FUDS	PUNCHBOWL MILITARY RES	HONOLULU HI <i>FUDS Property No:</i> H09HI0293	ENE	0.96 / 5,081.31	165	1714
295	SHWS	McKinley High School Synthetic Track and Field	1039 S King St Honolulu HI 96814	ESE	0.97 / 5,095.69	0	1715
296	SHWS	Matson Navigation Company	Honolulu Harbor Pier 52 Honolulu HI 96819	WNW	0.97 / 5,096.52	-3	1718
297	SHWS	Weyerhaeuser	900 N Nimitz Hwy Honolulu HI 96817	NW	0.97 / 5,104.07	0	1720
298	SHWS	Hawaii Transfer Company Pier 36	Honolulu Harbor Pier 36 Honolulu HI 96817	NW	0.97 / 5,141.32	0	1734

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
299	SHWS	Ward Center Parking Lot	1118 Ala Moana Blvd Honolulu HI 96814	SE	0.98 / 5,168.97	0	1740
300	SHWS	Hall Mark Dry Cleaners	1470 Liliha St Honolulu HI 96814	NNE	0.98 / 5,198.93	36	1744
301	SHWS	Spuds Dry Cleaners	1065 Waimanu St Honolulu HI	SE	0.99 / 5,208.26	0	1746
302	SHWS	Hawaiian Cement Lease Areas Piers 33 and 34	Honolulu Harbor Pier 33 and 34 Honolulu HI 96817	NW	0.99 / 5,219.73	0	1747
303	SHWS	Costco Gas Station	500 Alakawa St Honolulu HI 96817	NNW	1.00 / 5,260.51	0	1750
304	SHWS	Hawaii Stevedores	965 N Nimitz Hwy Honolulu HI 96817	NW	1.00 / 5,265.12	0	1760
304	SHWS	Honolulu Harbor Pier 35 Chevron Pipeline Release	965 N Nimitz Hwy Honolulu HI 96817	NW	1.00 / 5,265.12	0	1766
304	SHWS	UH Manoa Marine Center Relocation Area Piers 34 and 35	965 N Nimitz Hwy Honolulu HI	NW	1.00 / 5,265.12	0	1768

Executive Summary: Summary by Data Source

Standard

Federal

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Sep 19, 2023 has found that there are 1 SEMS site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KURE ATOLL, U.S. COAST GUARD	300 ALA MOANA BLVD, SUITE 8122 HONOLULU HI 96850-4982	ESE	0.08 / 446.46	45
	<i>EPA ID: HID984470039</i>			

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Sep 19, 2023 has found that there are 4 SEMS ARCHIVE site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>EPA ID: HID000150680</i>			
AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	133
	<i>EPA ID: HID984466383</i>			
QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813	ESE	0.35 / 1,874.34	135
	<i>EPA ID: HID984466698</i>			
TOWCO	16-1 SAND ISLAND PARKWAY ROAD HONOLULU HI 96819	WSW	0.42 / 2,199.02	155
	<i>EPA ID: HID984468645</i>			

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 5 CERCLIS site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>Site EPA ID: HID000150680</i>			
KURE ATOLL, U.S. COAST GUARD	300 ALA MOANA BLVD, SUITE 8122 HONOLULU HI 968504982	ESE	0.08 / 446.46	45

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Site EPA ID: HID984470039</i>			
AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	133
	<i>Site EPA ID: HID984466383</i>			
QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813	ESE	0.35 / 1,874.34	135
	<i>Site EPA ID: HID984466698</i>			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HOWLAND ISLAND NATIONAL WILDLIFE REFUGE	LAT 1N, LONG 170 170W, 1N, 170W HI 96820	N	0.23 / 1,239.76	100
	<i>Site EPA ID: HI7141190580</i>			

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 3 CERCLIS NFRAP site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO HONOLULU GEN STE	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>Site EPA ID: HID000150680</i>			
AMELCO CORPORATION	645 HALEKAUWILA STREET HONOLULU HI 96813	SE	0.34 / 1,814.74	133
	<i>Site EPA ID: HID984466383</i>			
QUEEN EMMALANI TOWER	QUEEN & SOUTH STREETS HONOLULU HI 96813	ESE	0.35 / 1,874.34	135
	<i>Site EPA ID: HID984466698</i>			

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Oct 2, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>EPA Handler ID: HID000150680</i>			

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Oct 2, 2023 has found that there are 2 RCRA TSD site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VIP TOWING	1006 MIKOLE ST HONOLULU HI 96819	WSW	0.37 / 1,970.56	139
	<i>EPA Handler ID: HIR000139709</i>			
USCG BASE HONOLULU	400 SAND ISLAND PARKWAY HONOLULU HI 96819-1117	W	0.44 / 2,339.65	166
	<i>EPA Handler ID: HI8690390036</i>			

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Oct 2, 2023 has found that there are 1 RCRA SQG site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PRIDE OF AMERICA IMO NO 9209221	PIER 2 PASSENGER TERMINAL, 521 ALA MOANA BLVD HONOLULU HI 96813	NNW	0.06 / 331.71	37
	<i>EPA Handler ID: HIR000136598</i>			

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Oct 2, 2023 has found that there are 17 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>EPA Handler ID: HID000150680</i>			
USCG PIER 4	433 ALA MOANA BLVD HONOLULU HI 96813	SSE	0.02 / 113.53	27
	<i>EPA Handler ID: HIR000147702</i>			
GROSVENOR CENTER	733 BISHOP ST HONOLULU HI 96813	NE	0.05 / 279.60	35
	<i>EPA Handler ID: HID984469767</i>			
PJKK FEDERAL BLDG AND US COURTHOUSE	300 ALA MOANA BLVD HONOLULU HI 96850	ESE	0.08 / 446.46	45
	<i>EPA Handler ID: HIR000139550</i>			
BAE SYSTEMS - HONOLULU ES	841 BISHOP STREET SUITE 300 HONOLULU HI 96813	NE	0.11 / 592.68	63
	<i>EPA Handler ID: HIR000146472</i>			
KAAHUMANU HALE	777 PUNCHBOWL STREET HONOLULU HI 96813	SE	0.12 / 646.52	68
	<i>EPA Handler ID: HIR000143917</i>			
HONOLULU HARBORS ADMINISTRATION BUILDING	79 S. NIMITZ HIGHWAY HONOLULU HI 96813	N	0.12 / 648.05	69

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>EPA Handler ID: HID982510158</i>			
FIRST HAWAIIAN CENTER	999 BISHOP ST HONOLULU HI 96813	NE	0.14 / 741.52	76
	<i>EPA Handler ID: HIR000138032</i>			
KING KALAKAUA BUILDING	335 MERCHANT ST HONOLULU HI 96813	ENE	0.15 / 817.03	78
	<i>EPA Handler ID: HIR000135293</i>			
DAGS CSD KEELIKOLANI BLDG	830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813	ESE	0.17 / 897.18	79
	<i>EPA Handler ID: HI0000843045</i>			
SURGICARE OF HAWAII	500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813	SE	0.19 / 984.55	84
	<i>EPA Handler ID: HIR000143172</i>			
LONGS DRUG STORES #2915	500 ALA MOANA BOULEVARD BUILDING 1 HONOLULU HI 96813	SE	0.19 / 984.55	84
	<i>EPA Handler ID: HIR000140608</i>			
KAPUAIWA BUILDING	426 QUEEN STREET HONOLULU HI 96813	E	0.19 / 1,026.37	88
	<i>EPA Handler ID: HIR000141861</i>			
DAGS CSD KAMAMALU BLDG	1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ENE	0.22 / 1,141.20	93
	<i>EPA Handler ID: HI0000842864</i>			
STATE OF HAWAII AUTO MGMT DIV	869A PUNCHBOWL ST HONOLULU HI 96813	ESE	0.22 / 1,143.34	94
	<i>EPA Handler ID: HID982354136</i>			
DAGS CSD ALIIAIMOKU HALE BLDG DOT	869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ESE	0.22 / 1,143.34	94
	<i>EPA Handler ID: HI0000842989</i>			
HAWAII PACIFIC UNIVERSITY	1060 BISHOP ST HONOLULU HI 96813	NE	0.24 / 1,248.69	102
	<i>EPA Handler ID: HIR000055376</i>			

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Oct 2, 2023 has found that there are 18 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PACIFIC CRUISES	181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813	NNE	0.01 / 29.53	17
	<i>EPA Handler ID: HIR000133231</i>			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PACIFIC GUARDIAN CENTER	737 BISHOP ST HONOLULU HI 96813 <i>EPA Handler ID: HIR000136069</i>	NE	0.07 / 378.82	<u>39</u>
PRIDE OF ALOHA IMO 9128532	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813 <i>EPA Handler ID: HIR000106518</i>	NNW	0.07 / 385.86	<u>41</u>
PRIDE OF HAWAII IMO 9304057	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813 <i>EPA Handler ID: HIR000137281</i>	NNW	0.07 / 385.86	<u>41</u>
USCG	300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT HONOLULU HI 96850 <i>EPA Handler ID: HIP000035527</i>	ESE	0.08 / 446.46	<u>45</u>
NORWEGIAN STAR	FORT ST PIER 10-11 ALOHA TOWER HONOLULU HI 96813 <i>EPA Handler ID: HIR000106526</i>	N	0.09 / 457.03	<u>49</u>
PASHA HAWAII HOLDINGS LLC	745 FORT STREET, SUITE 315 TOPA FINANCIAL CENTER, FORT STREET TOWER HONOLULU HI 96813 <i>EPA Handler ID: HIT000146183</i>	N	0.10 / 510.91	<u>52</u>
LONGS DRUG STORE #10295	841 BISHOP STREET SUITE 105 HONOLULU HI 96813 <i>EPA Handler ID: HIR000142083</i>	NE	0.11 / 592.68	<u>63</u>
BANK OF HAWAII	130 MERCHANT ST HONOLULU HI 96813 <i>EPA Handler ID: HIP000139626</i>	NNE	0.14 / 721.32	<u>73</u>
FIRST HAWAIIAN CENTER	999 BISHOP ST HONOLULU HI 96813 <i>EPA Handler ID: HIP000137901</i>	NE	0.14 / 741.52	<u>76</u>
AIR FLO EXPRESS INC	525 HALEKAUWILA STREET HONOLULU HI 96813 <i>EPA Handler ID: HID033173907</i>	ESE	0.18 / 953.36	<u>81</u>
NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT	521 ALA MOANA BLVD PIER 1 HONOLULU HI 96813 <i>EPA Handler ID: HIT000140517</i>	SSE	0.18 / 966.77	<u>82</u>
WATERFRONT PLAZA	500 ALA MOANA BLVD HONOLULU HI 96813 <i>EPA Handler ID: HIP000137240</i>	SE	0.19 / 984.55	<u>84</u>
FANTASTIQUE DRY CLEANING	16 MERCHANT STREET HONOLULU HI 96813 <i>EPA Handler ID: HIP000136432</i>	NNE	0.23 / 1,188.12	<u>95</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
INDUSTRIAL TECHNOLOGY	1088 BISHOP ST HONOLULU HI 96813 <i>EPA Handler ID: HID981689177</i>	NE	0.23 / 1,223.15	97
ACME FENDER	565 HALEKAUWILA ST HONOLULU HI 96813 <i>EPA Handler ID: HIR000139246</i>	ESE	0.24 / 1,246.00	101
LONGS DRUG STORE #9182	1088 BISHOP STREET, SUITE 113 HONOLULU HI 96813 <i>EPA Handler ID: HI0000725499</i>	NE	0.24 / 1,262.34	103
YWCA OF OAHU	1040 RICHARDS STREET HONOLULU HI 96813 <i>EPA Handler ID: HIP000144295</i>	ENE	0.25 / 1,318.94	105

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Aug 12, 2023 has found that there are 7 ERNS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	170 ALAMOANA BLVD HONOLULU HI 96813 <i>NRC Report No: 983877</i>	NNE	0.00 / 0.00	10
	170 ALA MOANA BLVD PIER 7 HONOLULU HI 96814 <i>NRC Report No: 446453</i>	NNE	0.00 / 0.00	10
	170 ALA MOANA BLVD. HONOLULU HI <i>NRC Report No: 1090865</i>	NNE	0.00 / 0.00	10
	170 ALA MOANA BLVD HONOLULU HI 96813 <i>NRC Report No: 1153511</i>	NNE	0.00 / 0.00	10
	181 ALAMOANA BLVD HI <i>NRC Report No: 641724</i>	NNE	0.00 / 0.00	13
	181 ALA MOANA BLVD, PIER 7A HONOLULU HI <i>NRC Report No: 782772</i>	NNE	0.01 / 29.53	17
	PEARL HARBOR HICKAM 648 BISHOP POINT HONOLULU HI <i>NRC Report No: 1348097</i>	N	0.01 / 59.93	21

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Mar 13, 2023 has found that there are 24 FED BROWNFIELDS site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hawaiian Electric Co.	170 Aloha Tower Dr HONOLULU HI 96813 <i>Property ID: 241693</i>	NNE	0.00 / 0.00	<u>7</u>
Federal General Services Adminstration - USPS	701 Richards St. Honolulu HI 96850 <i>Property ID: 250294</i>	ENE	0.03 / 184.63	<u>31</u>
Pacific Guardian Center	733 Bishop St HONOLULU HI 96813 <i>Property ID: 241692</i>	NE	0.05 / 279.60	<u>35</u>
Pacific Guardian Center	733 Bishop St Honolulu HI 96813 <i>Property ID: 250284</i>	NE	0.05 / 279.60	<u>35</u>
State of Hawaii - DLNR -	300 Ala Moana Blvd Honolulu HI 96850 <i>Property ID: 250305</i>	ESE	0.08 / 446.46	<u>45</u>
Gov't - State of Hawaii	825 Mililani St. Honolulu HI 96850 <i>Property ID: 250295</i>	E	0.10 / 513.13	<u>53</u>
State of Hawaii/DLNR	777 Punchbowl St. Honolulu HI 96813 <i>Property ID: 250297</i>	SE	0.12 / 646.52	<u>68</u>
Pacific Guardian Center	403 Queen St Honolulu HI 96813 <i>Property ID: 250304</i>	E	0.14 / 733.89	<u>75</u>
Servco Pacific, Inc.	830 Punchbowl St Honolulu HI 96813 <i>Property ID: 250303</i>	ESE	0.17 / 897.18	<u>79</u>
Tony Hawaii Automotove Group, LTD	557 Halekauwila St HONOLULU HI 96813 <i>Property ID: 241690</i>	ESE	0.23 / 1,191.18	<u>96</u>
Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813 <i>Property ID: 250287</i>	ESE	0.23 / 1,191.18	<u>96</u>
Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813 <i>Property ID: 250289</i>	ESE	0.23 / 1,191.18	<u>96</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Tony Hawaii Automotove Group, LTD	557 Halekauwila St Honolulu HI 96813 <i>Property ID: 250288</i>	ESE	0.23 / 1,191.18	96
Chen, The Family Trust	586 South St HONOLULU HI 96813 <i>Property ID: 241694</i>	SE	0.26 / 1,372.15	109
HCDA	599 Halekauwila St Honolulu HI 96813 <i>Property ID: 250306</i>	SE	0.27 / 1,413.13	111
Servco Pacific, Inc.	607 South St HONOLULU HI 96813 <i>Property ID: 241695</i>	ESE	0.29 / 1,507.35	116
Katherine M. Cooper Trust	609 Keawe St. Honolulu HI 96813 <i>Property ID: 250299</i>	SE	0.36 / 1,923.18	137
Ililani LLC	676A Halekauwil St Honolulu HI 96813 <i>Property ID: 250298</i>	SE	0.39 / 2,065.32	144
State of Hawaii/DLNR/HHFDC	690 Pohukaina Street Honolulu HI 96813 <i>Property ID: 250300</i>	SE	0.40 / 2,108.75	149
State of Hawaii/DLNR/HHFDC	690 Pohukaina Street Honolulu HI 96813 <i>Property ID: 250331</i>	SE	0.40 / 2,108.75	149
Historic Ala Moana (Kaka'ako) Pumping Station	240 Keawe Street Honolulu HI 96813 <i>Property ID: 54561</i>	SSE	0.41 / 2,140.18	151
Kaka'ako Makai Parcel L	200 Keawe St HONOLULU HI 96814 <i>Property ID: 220144</i>	S	0.44 / 2,323.41	163
Honolulu - 630 Cooke St.	630 Cooke St. HONOLULU HI 96813 <i>Property ID: 235524</i>	ESE	0.50 / 2,619.42	178
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
State of Hawaii - DLNR -	190 N. Nimitz Highway HONOLULU HI 96817 <i>Property ID: 244660</i>	N	0.45 / 2,371.27	170

FRP - Facility Response Plan

A search of the FRP database, dated May 2, 2023 has found that there are 1 FRP site(s) within approximately 0.25miles of the project

property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI	NNE	0.00 / 0.00	10

State

SHWS - HEER Sites of Interest

A search of the SHWS database, dated Aug 11, 2023 has found that there are 164 SHWS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HART HECO Downtown Station	170 Aloha Tower Dr Honolulu HI 96813	NNE	0.00 / 0.00	7
FUDS Transportation Service Area No. 1 (Downtown)	Richards and Queen Honolulu HI 96813	ENE	0.10 / 527.82	54
Harbor Court	66 Queen St Honolulu HI 96813	NNE	0.15 / 810.99	77
FUDS Yokohama Specie Bank Building	36 Merchant St Honolulu HI 96813	NNE	0.21 / 1,124.22	91
Fantastique Dry Clean & Alteration	16 Merchant St Honolulu HI 96813	NNE	0.23 / 1,188.12	95
595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	106
DR. SUN YAT-SEN MEMORIAL PARK	1041 BETHEL STREET HONOLULU HI 96813	NNE	0.25 / 1,343.94	108
Chevron USA, Inc.	1001 Bishop St Honolulu HI 96813	NE	0.26 / 1,391.72	110
HART Kaakaukui Station (Civic Center)	Halekauwila St x South St Honolulu HI 96814	SE	0.27 / 1,444.97	114

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	127
604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	128
458 Keawe Street	458 Keawe St Honolulu HI 96813	SE	0.34 / 1,773.00	129
Former Gas Station Investigation	128 N Nimitz Hwy Honolulu HI	N	0.34 / 1,781.29	130
Kakaako Block B	400 Keawe St Honolulu HI 96813	SSE	0.34 / 1,800.99	131
Amelco Corporation	645 Halekauwila St Honolulu HI 96813	SE	0.34 / 1,814.74	133
Hale O Kekaulike Affordable Rental Housing	905 Kekaulike St Honolulu HI 96817	N	0.37 / 1,962.69	138
Sand Island Industrial Park Lot 44	1006 Mikole St Honolulu HI 96819	WSW	0.37 / 1,970.56	139
Ililani	615 Keawe St Honolulu HI 96814	ESE	0.38 / 1,985.72	141
Marks Garage	22 S Pauahi St Honolulu HI 96817	NNE	0.39 / 2,041.34	143
Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	145
Tajiri Lumber	1002 Puuwai St Honolulu HI 96819	WSW	0.40 / 2,105.98	147
Halekauwila Place	690 POHUKAINA ST Honolulu HI 96813	SE	0.40 / 2,108.75	149

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kakaako Pumping Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	151
Parcel 003	801 South St Honolulu HI 96813	ESE	0.42 / 2,240.36	156
Capitol Place Development Project	1212 Queen Emma St Honolulu HI 96813	NE	0.43 / 2,268.61	160
Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	164
Kekaulike Revitalization Project	163 N Hotel St Honolulu HI 96817	N	0.44 / 2,330.52	165
U.S. Coast Guard Base Honolulu	400 Sand Island Pkwy Honolulu HI 96819	W	0.44 / 2,339.65	166
Kakaako Block C	Ilalo Street & Keawe Street Honolulu HI 96813	S	0.44 / 2,348.75	168
Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	168
HCDU/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	172
Fisher Property	404 Cooke St Honolulu HI 96813	SE	0.48 / 2,558.42	175
Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	177
630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	178
215 North King Street Construction Site, Tanks 1 & 2	215 N King St Honolulu HI 96817	N	0.50 / 2,647.47	179

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Sand Island Business Association Lot 023 AST	1020 Ulupono St Honolulu HI 96819	W	0.52 / 2,727.49	<u>180</u>
Rubber Stamp Plantation	746 Ilaniwai St Honolulu HI 96813	SE	0.52 / 2,761.32	<u>181</u>
Bishop Estate - Underground Hoists Removal	744 Ala Moana Blvd Honolulu HI 96813	SSE	0.53 / 2,815.39	<u>182</u>
760 Halekauwila Street VRP Site 33	760 Halekauwila St Honolulu HI 96813	SE	0.54 / 2,835.07	<u>183</u>
The Honolulu Advertiser (Hawaii Newspaper Agency)	605 Kapiolani Blvd Honolulu HI 96813	ESE	0.56 / 2,943.08	<u>184</u>
Queen's Medical Center UST	1301 Punchbowl St Honolulu HI 96813	ENE	0.56 / 2,965.00	<u>185</u>
Queens Medical Center	1301 Punchbowl St Honolulu HI 96813	ENE	0.56 / 2,965.00	<u>185</u>
Y Hata & Company Kakaako	Cooke St & Ilalo St Honolulu HI 96814	SSE	0.56 / 2,966.01	<u>186</u>
Pflueger Oil-Water Separator	777 Ala Moana Blvd Honolulu HI 96813	SSE	0.57 / 2,992.15	<u>187</u>
Motor Imports	650 Kapiolani Blvd Honolulu HI 96813	ESE	0.57 / 2,999.28	<u>188</u>
BWS Pump House N King Street	630 S Beretania St Honolulu HI 96817	E	0.57 / 2,999.86	<u>189</u>
Town Inn	248-258 N Beretania St Honolulu HI 96817	NNE	0.58 / 3,063.70	<u>190</u>
373 North Nimitz Highway	373 N Nimitz Hwy Honolulu HI 96817	NNW	0.58 / 3,084.84	<u>191</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Fred L. Waldron Feed Mill	701 N Nimitz Hwy Honolulu HI 96817	NW	0.59 / 3,109.43	192
Hawaii Instrumentation & Controls, Inc	822 Halekauwila St Honolulu HI 96813	SE	0.59 / 3,116.22	193
815 Kawaiahao Street	815 Kawaiahao St Honolulu HI 96813	ESE	0.59 / 3,138.59	194
American Savings Bank Campus	300 N Beretania St Honolulu HI 96817	N	0.60 / 3,153.73	195
725 Kapiolani Boulevard	725 Kapiolani Blvd Honolulu HI 96813	ESE	0.60 / 3,159.52	196
Ward Management Development Block F Ulana Property	831-851 Pohukania Street Honolulu HI 96813	SE	0.60 / 3,160.12	197
580 North Nimitz	580 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,162.84	198
420-470 North Nimitz Highway	420-470 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,166.45	199
Alii #3282	540 N Nimitz Hwy Honolulu HI 96817	NNW	0.60 / 3,169.84	200
BWS Beretania Pumping Station	650 S Beretania St Honolulu HI 96813	E	0.60 / 3,192.73	201
FUDS Kuwili Park Military Reservation	Sumner and Nimitz Iwilei HI	NNW	0.61 / 3,195.40	202
Hawaiian Flour Mill	703 N Nimitz Hwy Honolulu HI 96808	NW	0.61 / 3,220.77	204
Kakaako Makai District Parking Garage-Unit 1and 3	Ahui St, Ohe St, Ilalo St & Olomehani St Honolulu HI 96813	SSE	0.61 / 3,231.88	205

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Young Brothers Piers 24-28	705 N Nimitz Hwy Honolulu HI 96817	NW	0.61 / 3,234.09	206
Hawaiian Tug & Barge Corporation	705 N Nimitz Hwy Honolulu HI 96817	NW	0.61 / 3,234.09	206
848 Ilaniwai Street	848 Ilaniwai Street Honolulu HI 96814	SE	0.62 / 3,248.19	207
Zippy's Nimitz	634 N Nimitz Hwy Honolulu HI 96781	NW	0.62 / 3,257.51	208
Senior Residences at Iwilei	888 Iwilei Rd Honolulu HI 96813	N	0.62 / 3,274.74	209
City & County Wastewater Collection System Maintenance Yard	98 Koula St Honolulu HI 96813	SSE	0.62 / 3,281.25	210
333 & 351 N King Street	333 & 351 N King St Honolulu HI 96817	N	0.62 / 3,282.61	211
837 Kawaiahao Street	837 Kawaiahao St Honolulu HI 96813	ESE	0.62 / 3,286.95	212
Alia Block Redevelopment Project	888 Ala Moana Blvd Honolulu HI 96813	SSE	0.62 / 3,289.73	213
Liliha Civic Center	337 N King St Honolulu HI 96817	N	0.63 / 3,304.01	214
836 Kawaiahao Street	836 Kawaiahao St Honolulu HI 96813	ESE	0.63 / 3,320.15	215
868 Queen Street, 819, 835 and 841 Kawaiahao Street	868 Queen St Honolulu HI 96813	SE	0.63 / 3,338.03	217
Kewalo Incinerator Landfill	709 Kelikoi St Honolulu HI 96813	S	0.63 / 3,342.73	218

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kakaako Maintenance Shed	709 Kelikoi St Honolulu HI 96813	S	0.63 / 3,342.73	218
Iwilei Center VRP Site 34	866 Iwilei Road Honolulu HI	N	0.64 / 3,389.21	219
Iwilei Project Site	377 N King St Honolulu HI 96817	N	0.65 / 3,442.33	220
Roberts Hawaii	759 Kelikoi St Honolulu HI 96814	S	0.65 / 3,454.60	221
700 N Nimitz IDPP Release	700 N Nimitz Hwy Honolulu HI 96817	NW	0.66 / 3,466.82	222
Halewaiolu Residences - 1331 -1337 River Street Release ID No. 20210924-1054	1337 River St Honolulu HI 96817	NNE	0.66 / 3,500.02	224
HECO Mokuone Electrical Substation	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	225
Towco Sand Island	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	225
Sand Island WWTP	1350 Sand Island Pkwy Honolulu HI 96819	W	0.67 / 3,514.38	225
393 North King Street	393 N King St Honolulu HI 96817	N	0.67 / 3,556.27	226
BMW Dealership	777 Kapiolani Blvd Honolulu HI 96813	ESE	0.68 / 3,577.37	227
Kewalo Incinerator	111 Ohe St Honolulu HI 96813	S	0.68 / 3,584.59	228
Verizon Wireless, HON Point Panic Cell Site	111 Ohe St Honolulu HI 96813	S	0.68 / 3,584.59	228

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Bill's Crane Service	1071 Makepono St Honolulu HI 96819	W	0.68 / 3,608.69	<u>229</u>
BHP Pier 29	739 N Nimitz Hwy Honolulu HI 96817	NW	0.69 / 3,630.72	<u>230</u>
Chuei Shokoh, Inc. 825 Kapiolani Blvd.	825 Kapiolani Blvd Honolulu HI 96813	ESE	0.69 / 3,661.52	<u>231</u>
K&Y Auto Service and Wayne's Auto Electric	902 Kawaiahao St & 539 Kamani St Honolulu HI 96814	ESE	0.70 / 3,704.85	<u>232</u>
The Park Ward Village Block H	333 Ward Avenue Honolulu HI 96814	SE	0.70 / 3,706.18	<u>233</u>
BHP Gas Express #11	940 Auahi St Honolulu HI 96814	SE	0.70 / 3,711.51	<u>234</u>
City Mill Iwilei	660 N Nimitz Hwy Honolulu HI 96817	NNW	0.71 / 3,723.68	<u>235</u>
Kapiolani Blvd. and Chapin Ln. Soil Contamination	Chapin St & Kapiolani Blvd Honolulu HI 96813	ESE	0.71 / 3,758.35	<u>236</u>
1122 Makepono Street	1122 Makepono St Honolulu HI 96819	W	0.71 / 3,763.91	<u>237</u>
775 North Nimitz Highway	775 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,776.75	<u>238</u>
755 North Nimitz Highway	755 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,799.97	<u>239</u>
One Archer Lane Petroleum Contamination	801 S King St Honolulu HI 96813	ESE	0.72 / 3,811.00	<u>240</u>
Island Energy Services (IES) Honolulu Marine Terminal	777 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,811.95	<u>241</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Polynesian Hospitality	330 Pacific St Honolulu HI 96817	NW	0.73 / 3,862.46	<u>242</u>
Aloha Petroleum Honolulu Terminal	789 N Nimitz Hwy Honolulu HI 96817	NW	0.73 / 3,862.60	<u>243</u>
Royal Elementary School Building Exterior Soils	1519 Queen Emma St Honolulu HI 96813	ENE	0.74 / 3,881.18	<u>244</u>
Kakaako Brownfield Project-Unit 3	160 Ahui St Honolulu HI 96814	SSE	0.74 / 3,884.61	<u>245</u>
801 South Hotel Street	801 S Hotel St Honolulu HI 96813	E	0.74 / 3,887.73	<u>246</u>
Kakaako Brownfield Project-Unit 6	1011 Ala Moana Blvd Honolulu HI 96814	SSE	0.74 / 3,894.82	<u>247</u>
524 Kaaahi Street	524 Kaaahi St Honolulu HI 96817	N	0.74 / 3,909.32	<u>248</u>
1510A Frear Street	1510 Frear St Honolulu HI 96813	ENE	0.74 / 3,911.06	<u>249</u>
Symphony Park	850 Kapiolani Blvd Honolulu HI 96807	ESE	0.75 / 3,936.33	<u>250</u>
Former General Printing Company	533 Kaaahi St Honolulu HI 96817	N	0.75 / 3,964.03	<u>251</u>
Brewer Environmental Industries-Pacific Street	311 Pacific St Honolulu HI 96817	NW	0.75 / 3,972.15	<u>252</u>
HART Kuwili Station (Iwilei)	533 Kaaahi St, 537 Kaaahi St, 545 Kaaahi St, 504 Kuwili St Honolulu HI 96817	N	0.76 / 4,007.11	<u>253</u>
Travel Plaza Transportation	818 Pine St Honolulu HI 96817	NNW	0.77 / 4,061.31	<u>254</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
922 Kaamahu Place	922 Kaamahu Pl Honolulu HI 96817	N	0.77 / 4,068.66	<u>255</u>
Kewalo Basin NOAA Parcel and Charter Building	1025 Ala Moana Blvd Honolulu HI 96814	SE	0.77 / 4,069.25	<u>256</u>
916 Kaamahu Place	916 Kaamahu Pl Honolulu HI 96817	N	0.77 / 4,088.37	<u>257</u>
Nuuanu Auto Company Ltd	545 Kaaahi St Honolulu HI 96817	N	0.78 / 4,098.22	<u>258</u>
Chevron Tanker Truck Loading Rack (TTLR)	356 Pacific St Honolulu HI 96817	NNW	0.78 / 4,102.10	<u>259</u>
Iwilei Business Center	501 Sumner St Honolulu HI 96814	NNW	0.78 / 4,106.65	<u>260</u>
Von Hamm Textiles	546 Kaaahi St Honolulu HI 96817	N	0.78 / 4,114.32	<u>261</u>
HECO Iwilei Tank Yard	855 N Nimitz Hwy Honolulu HI 96818	NW	0.80 / 4,209.15	<u>262</u>
Hawaiian Electric Iwilei Substation	617 Dillingham boulevard Honolulu HI	NNW	0.80 / 4,209.35	<u>263</u>
HECO Parking Lot and Alley	504 Kuwili St Honolulu HI 96817	NNW	0.80 / 4,238.39	<u>264</u>
Ward Village Gateway Demolition and Parking Project	1050 Ala Moana Blvd Honolulu HI	SE	0.81 / 4,265.29	<u>265</u>
Former Pauley Petroleum	795 N Nimitz Hwy Honolulu HI 96817	NW	0.81 / 4,267.33	<u>266</u>
Kakaako Brownfield Project-Unit 8	59 Ahui St Honolulu HI 96814	SSE	0.81 / 4,271.73	<u>267</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KGU Radio Station Transmitter Tower	111 Ahui St Honolulu HI 96814	SSE	0.81 / 4,272.56	268
Mayor Wright Homes Redevelopment Project	1020 Liliha Street Honolulu HI 96817	N	0.81 / 4,285.87	269
HART City Center Segment	Dillingham, Kaaahi, Nimitz, Queen, Kona Honolulu HI	N	0.81 / 4,287.55	270
Kukui Gardens	1103 Liliha St Honolulu HI 96817	N	0.81 / 4,290.62	271
BHP Gasco Benzene Site	616 Iwilei Rd Honolulu HI 96817	NNW	0.82 / 4,314.40	272
Hakim Properties Inc	861-869 N Nimitz Hwy Honolulu HI 96817	NW	0.82 / 4,328.93	273
Hawaii Opera Theater Sets & Props Warehouse	962 Kawaiahao St Honolulu HI 96814	SE	0.82 / 4,353.23	274
TOSCO Honolulu Terminal #0282	411 Pacific St Honolulu HI 96817	NW	0.83 / 4,387.50	275
Lowe's Iwilei	411 Pacific St Honolulu HI 96817	NW	0.83 / 4,387.50	275
Dole Cannery Complex	650 Iwilei Rd Honolulu HI 96817	NNW	0.83 / 4,395.14	276
FUDS Base Yard No. 7 (Blaisdell Center)	777 Ward Avenue Honolulu HI 96814	ESE	0.84 / 4,430.71	278
Chevron Bulk Fuel Loading Rack Driveway	861 N Nimitz Hwy Honolulu HI 96814	NW	0.85 / 4,479.76	279
Kakaako Makai District John Dominis	43 Ahui St Honolulu HI 96813	SSE	0.86 / 4,514.70	280

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Cutter Dodge Dillingham	735 Dillingham Blvd Honolulu HI 96817	NNW	0.86 / 4,550.38	<u>281</u>
Dole Cannery	801 Dillingham Blvd Honolulu HI 96817	NNW	0.86 / 4,564.79	<u>282</u>
Kauluwela Elementary School Building Exterior Soils	1486 Aala St Honolulu HI 96817	NNE	0.87 / 4,583.07	<u>283</u>
Costco Iwilei	525 Alakawa St Honolulu HI 96817	NNW	0.87 / 4,601.07	<u>284</u>
IES Honolulu Transportation Terminal	933 N Nimitz Hwy Honolulu HI 96817	NW	0.92 / 4,857.39	<u>285</u>
DOT-A Parcel at Honolulu Harbor (34-A Lot)	933 N Nimitz Hwy Honolulu HI	NW	0.92 / 4,857.39	<u>285</u>
Pacifica Condominiums	1009 Kapiolani Blvd Honolulu HI 96814	ESE	0.93 / 4,895.79	<u>286</u>
ARTSPACE	1025 Waimanu St Honolulu HI 96814	SE	0.93 / 4,898.14	<u>287</u>
HDC Properties Stained Soils	1015 Kapiolani Blvd Honolulu HI 96813	ESE	0.94 / 4,942.47	<u>289</u>
710 North King Street	710 N King St Honolulu HI 96817	N	0.94 / 4,989.15	<u>290</u>
Glover Building	1046 Waimanu St Honolulu HI 96814	SE	0.95 / 5,011.43	<u>291</u>
Honolulu Community College Gas Station	826 Dillingham Blvd Honolulu HI 96817	NNW	0.96 / 5,073.09	<u>292</u>
Home Depot Iwilei	421 Alakawa St Honolulu HI 96817	NW	0.96 / 5,076.59	<u>293</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
McKinley High School Synthetic Track and Field	1039 S King St Honolulu HI 96814	ESE	0.97 / 5,095.69	295
Weyerhaeuser	900 N Nimitz Hwy Honolulu HI 96817	NW	0.97 / 5,104.07	297
Hawaii Transfer Company Pier 36	Honolulu Harbor Pier 36 Honolulu HI 96817	NW	0.97 / 5,141.32	298
Ward Center Parking Lot	1118 Ala Moana Blvd Honolulu HI 96814	SE	0.98 / 5,168.97	299
Hall Mark Dry Cleaners	1470 Liliha St Honolulu HI 96814	NNE	0.98 / 5,198.93	300
Spuds Dry Cleaners	1065 Waimanu St Honolulu HI	SE	0.99 / 5,208.26	301
Hawaiian Cement Lease Areas Piers 33 and 34	Honolulu Harbor Pier 33 and 34 Honolulu HI 96817	NW	0.99 / 5,219.73	302
Costco Gas Station	500 Alakawa St Honolulu HI 96817	NNW	1.00 / 5,260.51	303
Hawaii Stevedores	965 N Nimitz Hwy Honolulu HI 96817	NW	1.00 / 5,265.12	304
Honolulu Harbor Pier 35 Chevron Pipeline Release	965 N Nimitz Hwy Honolulu HI 96817	NW	1.00 / 5,265.12	304
UH Manoa Marine Center Relocation Area Piers 34 and 35	965 N Nimitz Hwy Honolulu HI	NW	1.00 / 5,265.12	304
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Matson Navigation Company	Honolulu Harbor Pier 52 Honolulu HI 96819	WNW	0.97 / 5,096.52	296

DELISTED SHWS - Delisted HEER Sites of Interest

A search of the DELISTED SHWS database, dated Aug 11, 2023 has found that there are 12 DELISTED SHWS site(s) within

approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HECO Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	<u>10</u>
HECO Honolulu Power Plant	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	<u>10</u>
Inovation Block at Lot C	Ilalo St and Keawe St Kakaako HI 96815	S	0.45 / 2,350.12	<u>169</u>
Parcel 004	605 Kapiolani Blvd Honolulu HI 96813	ESE	0.56 / 2,943.08	<u>184</u>
Iwilei Fruits and Produce	920 Iwilei Rd Honolulu HI	N	0.61 / 3,201.00	<u>203</u>
Aloha Petroleum Terminal	739 N Nimitz Hwy Honolulu HI 96817	NW	0.69 / 3,630.72	<u>230</u>
BHP Hawaii, Inc.	739 N Nimitz Hwy Honolulu HI	NW	0.69 / 3,630.72	<u>230</u>
Chevron Honolulu Terminal Marine	777 N Nimitz Hwy Honolulu HI 96817	NW	0.72 / 3,811.95	<u>241</u>
Equilon Enterprises LLC Honolulu Terminal	789 N Nimitz Hwy Honolulu HI 96817	NW	0.73 / 3,862.60	<u>243</u>
Former Nuuanu Auto Company	545 Kaaahi St Honolulu HI	N	0.78 / 4,098.22	<u>258</u>
356 Pacific Street BWS Trenching Sheen	356 Pacific St Honolulu HI	NNW	0.78 / 4,102.10	<u>259</u>
Kakaako Improvement District 4	Honolulu HI	SSE	0.83 / 4,407.68	<u>277</u>

SWF/LF - Landfill sites on the Hawaii Islands

A search of the SWF/LF database, dated Nov 29, 2023 has found that there are 1 SWF/LF site(s) within approximately 0.50miles of the

project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Tajiri Demolition & Disposal	1015 Puuwai Street Honolulu HI	WSW	0.41 / 2,177.84	153

LUST - Leaking Underground Storage Tanks

A search of the LUST database, dated Jul 17, 2023 has found that there are 34 LUST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Pacific Guardian Center	733 BISHOP ST Mauka Tower, 27th Floor Honolulu HI 96813 Facility ID: 9-101521 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 10/17/2000 000083	NE	0.05 / 279.60	35
HARBOR SQUARE ASSOCIATION	700 RICHARDS ST Honolulu HI 96813 Facility ID: 9-103509 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 3/12/2001 000055	ENE	0.06 / 295.73	36
Pacific Light Net	737 Bishop Street Honolulu HI 96813 Facility ID: 9-101803 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 3/23/2015 140023	NE	0.07 / 378.82	39
MELIM BLDG	333 QUEEN ST Honolulu HI 96813 Facility ID: 9-100812 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 9/16/2008 910037	ENE	0.08 / 446.01	44
HARBOR COURT PROJECT	CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800 Facility ID: 9-102464 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 11/10/1994 920003	N	0.19 / 982.28	83
CENTRAL PACIFIC BANK	220 S KING ST Honolulu HI 96813 Facility ID: 9-103534 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 10/23/2001 990232	NE	0.19 / 1,014.81	87
REED LANE WAREHOUSE	556 REED LN Honolulu HI 96813 Facility ID: 9-103537 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 5/3/2001 990222	SE	0.21 / 1,132.61	92
State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	869A PUNCHBOWL ST Honolulu HI 96813 Facility ID: 9-100189 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 8/5/1996 870009	ESE	0.22 / 1,143.34	94
EUROCARE/KEICO PACIFIC/SHONS AUT	545 SOUTH ST Honolulu HI 96813 Facility ID: 9-102760 Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/20/1997 930110	SE	0.25 / 1,337.08	107

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CBI, INC	614 SOUTH ST Honolulu HI 96813	ESE	0.27 / 1,423.48	112
	<i>Facility ID: 9-102467</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/1/1992 910091</i>			
AMELCO BUILDING (SERVICE STATION)	603 HALEKAUWILA ST Honolulu HI 96813	SE	0.28 / 1,488.17	115
	<i>Facility ID: 9-101356</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/20/1997 930106</i>			
MOTOR IMPORTS SERVICE	609 SOUTH ST Honolulu HI 96813	ESE	0.29 / 1,513.45	117
	<i>Facility ID: 9-100879</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 10/20/2005 970114</i>			
C&CH KAKAAKO FIRE DEPT MECHANIC SHOP	620 SOUTH ST Honolulu HI 96813	ESE	0.29 / 1,531.81	119
	<i>Facility ID: 9-100074</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 12/27/2011 990209</i>			
K & Y Chevron 91524	571 S QUEEN ST Honolulu HI 96813	ESE	0.30 / 1,585.54	120
	<i>Facility ID: 9-101107</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 7/9/2003 020041</i>			
TIRE RECAP SERVICE	526 KEAWE ST Honolulu HI 96813	SE	0.31 / 1,663.17	121
	<i>Facility ID: 9-102758</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/20/1997 930108</i>			
C&CH KAKAAKO FIRE STATION	555 QUEEN ST Honolulu HI 96813	ESE	0.32 / 1,665.80	122
	<i>Facility ID: 9-100075</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 5/17/1999 940155</i>			
INTERNATIONAL LIFE SUPPORT	633 HALEKAUWILA ST Honolulu HI 96813	SE	0.33 / 1,720.62	123
	<i>Facility ID: 9-102759</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/20/1997 930109</i>			
C&CH WATERFRONT FIRE STATION	111 N NIMITZ HWY Honolulu HI 96817	N	0.33 / 1,731.98	124
	<i>Facility ID: 9-100097</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 2/7/1995 910027</i>			
AAA HAWAII BUILDING	590 QUEEN ST Honolulu HI 96813	ESE	0.34 / 1,808.53	132
	<i>Facility ID: 9-100155</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 11/8/2001 980195</i>			
GENSIRO KAWAMOTO	630 KEAWE ST Honolulu HI 96800	ESE	0.36 / 1,889.18	136
	<i>Facility ID: 9-102965</i> <i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 8/30/2005 940173</i>			
GENSIRO KAWAMOTO	627 QUEEN ST Honolulu HI 96800	ESE	0.38 / 1,989.11	142

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Facility ID: 9-102963</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 8/30/2005 940174</i>			
HI DOT HARBORS DIVISION	48 SAND ISLAND RD Honolulu HI 96819	WSW	0.40 / 2,107.28	148
	<i>Facility ID: 9-101443</i>			
	<i>Latest Status Status Date Event ID: Disconfirmed Release - investigation ongoing 11/4/2019 suspected</i>			
STATE CAPITOL - TMK 2-1-33:25	235 S BERETANIA ST Honolulu HI 96813	NE	0.41 / 2,139.06	150
	<i>Facility ID: 9-102692</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 11/26/1999 930076</i>			
POHULANI ELDERLY PROJECT	677 QUEEN ST Honolulu HI 96813	ESE	0.41 / 2,149.01	152
	<i>Facility ID: 9-101396</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 8/24/1999 910006</i>			
TENNEY'S BISHOP UNION	169 S BERETANIA ST Honolulu HI 96813	NE	0.41 / 2,181.14	154
	<i>Facility ID: 9-100015</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 3/8/1995 910092</i>			
Verizion Hawaii	207 KEAWE ST Honolulu HI 96813	S	0.43 / 2,261.96	158
	<i>Facility ID: 9-100496</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 9/25/1998 970065</i>			
DOWNTOWN CHEVRON	17 S BERETANIA ST Honolulu HI 96813	NNE	0.43 / 2,266.40	159
	<i>Facility ID: 9-101100</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 12/2/1992 910002</i>			
KALANIMOKU BLDG	TMK 2-1-24:01 1151 PUNCHBOWL ST Honolulu HI 96800	E	0.43 / 2,273.54	161
	<i>Facility ID: 9-102691</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 9/5/2000 000093</i>			
Coast Guard Base Honolulu	400 sand island parkway Honolulu HI 96819	W	0.44 / 2,339.65	166
	<i>Facility ID: 9-101798</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 1/28/2000 970128</i>			
LBTC Holdings, LLC dba LEX BRODIE'S TIRE COMPANY	701 S QUEEN ST Honolulu HI 96813	ESE	0.44 / 2,341.62	167
	<i>Facility ID: 9-102200</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 2/10/2003 910036</i>			
THEO H. DAVIES EUROMOTORS, LTD.	704 ALA MOANA BLVD Honolulu HI 96813	SSE	0.46 / 2,411.28	171
	<i>Facility ID: 9-101329</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 3/4/1999 920169</i>			
PRODUCE CENTER DEV.LTD.	651 ILALO ST Honolulu HI 96813	S	0.47 / 2,502.59	172
	<i>Facility ID: 9-101735</i>			
	<i>Latest Status Status Date Event ID: Site Cleanup Completed (NFA) 6/1/2001 940165</i>			
HAWAII COMMUNITY DEVELOPMENT AUTHORITY	548 COOKE ST Honolulu HI 96813	SE	0.48 / 2,537.47	173

Equal/Higher Elevation **Address** **Direction** **Distance (mi/ft)** **Map Key**

Facility ID: 9-102418
Latest Status | Status Date | Event ID: Site Cleanup Completed (NFA) | 8/24/1999 | 910060

HONOLULU FORD INC. 711 ALA MOANA BLVD. SSE 0.48 / 2,555.27 [174](#)
 Honolulu HI 96813

Facility ID: 9-100937
Latest Status | Status Date | Event ID: Site Cleanup Completed (NFA) | 8/22/2006 | 050036

DELISTED LUST - Delisted Leaking Underground Storage Tanks

A search of the DELISTED LUST database, dated Jul 17, 2023 has found that there are 1 DELISTED LUST site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation **Address** **Direction** **Distance (mi/ft)** **Map Key**

Wong's Produce 690 Halekauwila st SE 0.40 / 2,105.61 [146](#)
 Honolulu HI 96813

UST - Underground Storage Tanks

A search of the UST database, dated Jul 17, 2023 has found that there are 20 UST site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation **Address** **Direction** **Distance (mi/ft)** **Map Key**

HONOLULU GENERATING STATION 170 ALA MOANA BLVD NNE 0.00 / 0.00 [10](#)
 Honolulu HI 96813

Facility ID: 9-100961
Tank ID | Tank Status Desc | Date Closed: R-01 | Permanently Out of Use |

AWA STREET WASTEWATER PUMP STATION 190 NIMITZ HWY NE 0.03 / 157.07 [28](#)
 Honolulu HI 96817

Facility ID: 9-103664
Tank ID | Tank Status Desc | Date Closed: M-1 | Currently In Use | , M-1 | Currently In Use | , M-1 | Currently In Use | , M-1 | Currently In Use | , M-1 | Currently In Use | , M-1 | Currently In Use |

U.S. POSTAL SERVICE - DOWNTOWN 701 RICHARD ST ENE 0.03 / 184.63 [31](#)
 Honolulu HI 96813

Facility ID: 9-101767
Tank ID | Tank Status Desc | Date Closed: R-2 | Permanently Out of Use | 1/1/1985, R-1 | Permanently Out of Use | 1/1/1985

Pacific Guardian Center 733 BISHOP ST Mauka Tower, 27th Floor NE 0.05 / 279.60 [35](#)
 Honolulu HI 96813

Facility ID: 9-101521
Tank ID | Tank Status Desc | Date Closed: M-1 | Currently in Use | , r-M-1 | Permanently out of Use | 8/2/2013, r-M-1 | Permanently out of Use | 8/2/2013, M-1 | Currently in Use | , M-1 | Currently in Use | , M-1 | Currently in Use | , r-M-1 | Permanently out of Use | 8/2/2013, r-M-1 | Permanently out of Use | 8/2/2013

HARBOR SQUARE ASSOCIATION 700 RICHARDS ST ENE 0.06 / 295.73 [36](#)
 Honolulu HI

Facility ID: 9-103509
Tank ID | Tank Status Desc | Date Closed: M-2 | Currently In Use | , R-M-1 | Permanently Out of Use | 12/21/1999, M-2 | Currently In Use | , R-M-1 | Permanently Out of Use | 12/21/1999, R-M-1 | Permanently Out of Use | 12/21/1999, M-2 | Currently In Use |

MCI International, s/o WorldCom, Inc. 737 BISHOP ST. NE 0.07 / 378.82 [39](#)
 Honolulu HI 96813

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Facility ID: 9-103246 Tank ID Tank Status Desc Date Closed: M-1 Currently In Use , M-1 Currently In Use			
Pacific Light Net	737 Bishop Street Honolulu HI 96813	NE	0.07 / 378.82	39
	Facility ID: 9-101803 Tank ID Tank Status Desc Date Closed: r-M-2 Permanently out of Use 8/13/2014, R-M-1 Permanently Out of Use 11/2/1996, R-M-1 Permanently Out of Use 11/2/1996, r-M-2 Permanently out of Use 8/13/2014, r-M-2 Permanently out of Use 8/13/2014, R-M-1 Permanently Out of Use 11/2/1996			
MELIM BLDG	333 QUEEN ST Honolulu HI 96813	ENE	0.08 / 446.01	44
	Facility ID: 9-100812 Tank ID Tank Status Desc Date Closed: R-3 Permanently Out of Use 3/6/1993, R-1 Permanently Out of Use 3/6/1993, R-2 Permanently Out of Use 3/13/1993			
PJKK Federal Building & U.S. Courthouse	300 ALA MOANA BLVD Honolulu HI	ESE	0.08 / 446.46	45
	Facility ID: 9-101930 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 2/18/1995, R-1 Permanently Out of Use 2/18/1995, R-1 Permanently Out of Use 2/18/1995, M-2 Currently In Use , M-2 Currently In Use , M-2 Currently In Use			
PIER 2	PIER 2 Honolulu HI 96818	NNW	0.10 / 551.84	59
	Facility ID: 9-103797 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 5/19/2005			
KAAHUMANU HALE	777 PUNCHBOWL ST Honolulu HI 96813	SE	0.12 / 646.52	68
	Facility ID: 9-103481 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 8/18/1999			
U.S. POSTAL SERVICE - DOWNTOWN	335 MERCHANT ST Honolulu HI 96813	ENE	0.15 / 817.03	78
	Facility ID: 9-101768 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 12/1/1984			
ALOHA AIRLINES INC (PMID 004103B)	P.O. BOX 30028 Honolulu HI 96820	NE	0.18 / 926.66	80
	Facility ID: 9-100168 Tank ID Tank Status Desc Date Closed: R-001 Permanently Out of Use 7/26/1989, R-002 Permanently Out of Use 8/17/1989, R-003 Permanently Out of Use 8/17/1989			
HARBOR COURT PROJECT	CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800	N	0.19 / 982.28	83
	Facility ID: 9-102464 Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use			
Waterfront Plaza - HI0020	500 ALA MOANA BLVD. #210 Honolulu HI 96813	SE	0.19 / 984.55	84
	Facility ID: 9-101732 Tank ID Tank Status Desc Date Closed: M-1 Currently In Use , M-2 Currently In Use , M-1 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-1 Currently In Use , M-1 Currently In Use , M-2 Currently In Use , M-1 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-2 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-2 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998, M-2 Currently In Use , R-M-1 Permanently Out of Use 1/21/1998			
Honolulu Sports & Spine Surgery Center	500 Ala Moana Blvd Honolulu HI 96813	SE	0.19 / 984.55	84

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Facility ID: 9-103844</i>			
	<i>Tank ID Tank Status Desc Date Closed: M-1 Currently in Use , M-1 Currently in Use , M-1 Currently in Use </i>			
CENTRAL PACIFIC BANK	220 S KING ST Honolulu HI 96813	NE	0.19 / 1,014.81	87
	<i>Facility ID: 9-103534</i>			
	<i>Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 8/6/1999</i>			
REED LANE WAREHOUSE	556 REED LN Honolulu HI 96813	SE	0.21 / 1,132.61	92
	<i>Facility ID: 9-103537</i>			
	<i>Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 8/12/1999</i>			
State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	869A PUNCHBOWL ST Honolulu HI 96813	ESE	0.22 / 1,143.34	94
	<i>Facility ID: 9-100189</i>			
	<i>Tank ID Tank Status Desc Date Closed: 1 Currently in Use , 2 Currently in Use , R-2 Permanently Out of Use 10/1/1987, 1 Currently in Use , R-1 Permanently Out of Use 10/1/1987, R-1 Permanently Out of Use 10/1/1987, R-1 Permanently Out of Use 10/1/1987, R-2 Permanently Out of Use 10/1/1987, 2 Currently in Use , R-2 Permanently Out of Use 10/1/1987, 1 Currently in Use , 2 Currently in Use </i>			
BANK OF HAWAII ANNEX	800 NUUANU AVE Honolulu HI 96813	N	0.23 / 1,228.24	98
	<i>Facility ID: 9-100813</i>			
	<i>Tank ID Tank Status Desc Date Closed: R-1 Permanently Out of Use 10/20/1997</i>			

DTNK - Delisted Sotrage Tank

A search of the DTNK database, dated Jul 17, 2023 has found that there are 1 DTNK site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PJKK FEDERAL BUILDING & U.S. COURTHOUSE	300 Ala Moana Boulevard Honolulu HI	ESE	0.08 / 446.46	45

ENG - Facilities with Engineering Controls

A search of the ENG database, dated Jun 5, 2019 has found that there are 5 ENG site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kakaako Block B	400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	SSE	0.34 / 1,800.99	131
Honolulu Seawater Air Conditioning Project	Keawe St Shoreline to Auahi St Honolulu HI 96813	SSE	0.35 / 1,844.14	134
Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	164

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HCD/UA Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	172
Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	177

INST - Facilities with Institutional Controls

A search of the INST database, dated Jun 5, 2019 has found that there are 15 INST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	10
Aloha Tower Development	Nimitz Hwy Honolulu HI 96818	NW	0.11 / 596.86	64
595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	106
Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	127
604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	128
Kakaako Block B	400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	SSE	0.34 / 1,800.99	131
Honolulu Seawater Air Conditioning Project	Keawe St Shoreline to Auahi St Honolulu HI 96813	SSE	0.35 / 1,844.14	134
Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	145
Kakaako Pump Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	151

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Sause Brothers	Alakea St Honolulu HI 96817	NNW	0.43 / 2,286.18	162
Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	164
Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	168
HCDA/UH Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	172
Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	177
630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	178

BROWNFIELDS - Brownfields Sites

A search of the BROWNFIELDS database, dated Aug 11, 2023 has found that there are 22 BROWNFIELDS site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HART HECO Downtown Station	170 Aloha Tower Dr Honolulu HI 96813	NNE	0.00 / 0.00	7
Harbor Court	66 Queen St Honolulu HI 96813	NNE	0.15 / 810.99	77
Fantastique Dry Clean & Alteration	16 Merchant St Honolulu HI 96813	NNE	0.23 / 1,188.12	95
595 Ala Moana Black Oil Pipeline	595 Ala Moana Blvd Honolulu HI 96814	SSE	0.25 / 1,327.94	106
DR. SUN YAT-SEN MEMORIAL PARK	1041 BETHEL STREET HONOLULU HI 96813	NNE	0.25 / 1,343.94	108
HART Kaakaukui Station (Civic Center)	Halekauwila St x South St Honolulu HI 96814	SE	0.27 / 1,444.97	114

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Yee Hop Building Maunakea Street	950 Maunakea St Honolulu HI 96817	N	0.33 / 1,754.88	127
604 Ala Moana Boulevard/The Collections	604 Ala Moana Blvd Honolulu HI 96814	SSE	0.33 / 1,755.90	128
458 Keawe Street	458 Keawe St Honolulu HI 96813	SE	0.34 / 1,773.00	129
Kakaako Block B	400 Keawe St Honolulu HI 96813	SSE	0.34 / 1,800.99	131
Marks Garage	22 S Pauahi St Honolulu HI 96817	NNE	0.39 / 2,041.34	143
Ala Moana #2 WWPS	210 Keawe St Honolulu HI 96813	S	0.39 / 2,071.30	145
Tajiri Lumber	1002 Puuwai St Honolulu HI 96819	WSW	0.40 / 2,105.98	147
Kakaako Pumping Station	240 Keawe St Honolulu HI 96813	SSE	0.41 / 2,140.18	151
Parcel 003	801 South St Honolulu HI 96813	ESE	0.42 / 2,240.36	156
Queen Emmalani Tower	600 Queen St Honolulu HI 96813	ESE	0.44 / 2,325.47	164
U.S. Coast Guard Base Honolulu	400 Sand Island Pkwy Honolulu HI 96819	W	0.44 / 2,339.65	166
Kakaako Block C	Ilalo Street & Keawe Street Honolulu HI 96813	S	0.44 / 2,348.75	168
Innovation Block at Lot C	Ilalo St and Keawe St Honolulu HI 96815	S	0.44 / 2,348.75	168

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HCD/UA Medical School	651 Ilalo St Honolulu HI 96813	S	0.47 / 2,502.59	172
Cooke Street Lead Contamination	501 Cooke St Honolulu HI 96813	SE	0.49 / 2,578.63	177
630 Cooke Street	630 Cooke St Honolulu HI 96813	ESE	0.50 / 2,619.42	178

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Sep 8, 2023 has found that there are 13 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
STATE OF HAWAII PIER 6	PIER 6 HONOLULU HI 96813 <i>Registry ID: 110041450248</i>	WNW	0.00 / 0.00	1
NIMITZ HIGHWAY MEDIAN IMPROVEMENTS, SAND ISLAND ACCESS ROAD TO VICINITY OF ALAKA	HI <i>Registry ID: 110055403941</i>	NE	0.00 / 0.00	2
ALOHA TOWER DRIVE, NIMITZ	ALOHA TOWER, NIMITZ HIGHWAY HONOLULU HI 96813 <i>Registry ID: 110024875704</i>	N	0.00 / 0.00	5
ALOHA TOWER DRIVE, NIMITZ HWY	ALOHA TOWER DR HONOLULU HI 96813 <i>Registry ID: 110020732983</i>	N	0.00 / 0.00	5
PALOLO WATER SYSTEM IMPROVEMENTS	HI <i>Registry ID: 110046155904</i>	WNW	0.00 / 0.00	6
HAWAIIAN ELECTRIC CO.	170 ALOHA TOWER DR HONOLULU HI 96813 <i>Registry ID: 110070789542</i>	NNE	0.00 / 0.00	7
STATE OF HAWAII PIER 5	PIER 5 HONOLULU HI 96813	SSE	0.00 / 0.00	8

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Registry ID: 110041450211</i>			
HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	10
	<i>Registry ID: 110027161568</i>			
ISLAND PACIFIC ACADEMY (ACADEMEX PRIVATE SCHOOL)	HI	SSE	0.00 / 4.77	14
	<i>Registry ID: 110055393970</i>			
PACIFIC CRUISES	181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813	NNE	0.01 / 29.53	17
	<i>Registry ID: 110013387076</i>			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HONOAPIILANI HIGHWAY SHORELINE PROTECTION FOR TSUNAMI DAMAGE IN UKUMEHAME	HI	SSW	0.00 / 0.00	11
	<i>Registry ID: 110055390410</i>			
REHABILITATION OF STREET, IDIQ4, JOB NO. 15-01	MULTIPLE STREETS ON OAHU (EWA, AIEA, SALT LAKE, HO HONOLULU HI 96813	SSE	0.01 / 36.37	18
	<i>Registry ID: 110067436965</i>			
INTERSTATE ROUTE H-1 EASTBOUND, VINEYARD BOULEVARD ON-RAMP, LUSITANA STREET CONN	INTERSECTION OF VINEYARD BOULEVARD ON-RAMP (TO H-1 HONOLULU HI 96813	SSE	0.01 / 43.78	20
	<i>Registry ID: 110064860663</i>			

TRIS - Toxics Release Inventory (TRI) Program

A search of the TRIS database, dated Oct 19, 2022 has found that there are 1 TRIS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813	NNE	0.00 / 0.00	10

ERNS PFAS - National Response Center PFAS Spills

A search of the ERNS PFAS database, dated Sep 23, 2023 has found that there are 3 ERNS PFAS site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	HONOLULU HI	E	0.33 / 1,734.29	125

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	HONOLULU HI	E	0.33 / 1,734.29	125
	400 SAND ISLAND PARKWAY HONOLULU HI 96819	W	0.44 / 2,339.65	166

PFAS E-MANIFEST - PFAS Waste Transfers from RCRA e-Manifest

A search of the PFAS E-MANIFEST database, dated Oct 11, 2023 has found that there are 33 PFAS E-MANIFEST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140
QUEEN'S MEDICAL CENTER	HONOLULU HI	E	0.38 / 1,980.18	140

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Jul 3, 2023 has found that there are 2 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PACIFIC ENVIRONMENTAL CORPORATION DBA PENCO	HONOLULU HI	SSW	0.29 / 1,526.39	118

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ALOHA PETROLEUM, LTD - HONOLULU TERMINAL	HONOLULU HI	NW	0.43 / 2,249.51	157

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated Mar 6, 2023 has found that there are 2 HMIRS site(s) within approximately 0.12miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	PUNCHBOWL & POHUKAINA HONOLULU HI	SE	0.11 / 585.32	62
	PUNCHBOWL & POHUKAINA HONOLULU HI	SE	0.11 / 585.32	62

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Jan 21, 2023 has found that there are 3 ICIS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO - HONOLULU	170 ALA MOANA BLVD HONOLULU HI 96803 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	10
HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION	170 ALA MOANA BLVD HONOLULU HI 96813 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	10
HONOLULU GENERATING STATION	170 ALA MOANA BOULEVARD HONOLULU HI 96813 <i>Registry ID: 110027161568</i>	NNE	0.00 / 0.00	10

FED DRYCLEANERS - Drycleaner Facilities

A search of the FED DRYCLEANERS database, dated Jul 23, 2023 has found that there are 1 FED DRYCLEANERS site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FANTASTIQUE DRY CLEANING	16 MERCHANT STREET HONOLULU HI 96813 <i>FRS Facility ID: 110070594358</i>	NNE	0.23 / 1,188.12	95

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 15, 2023 has found that there are 11 FUDS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TRANSPORTATION SER AREA	HONOLULU HI <i>FUDS Property No: H09HI0332</i>	ENE	0.12 / 638.91	<u>66</u>
FORT ARMSTRONG MILITARY RESERVATION	HONOLULU HI <i>FUDS Property No: H09HI0086</i>	ESE	0.13 / 670.96	<u>71</u>
HAWAIIAN ENG DEPOT	HONOLULU HI <i>FUDS Property No: H09HI0111</i>	SSE	0.14 / 717.19	<u>72</u>
HEADQUARTERS 969TH CIC	HONOLULU HI <i>FUDS Property No: H09HI0115</i>	ESE	0.23 / 1,234.36	<u>99</u>
MILL NO. 1	KAKAAKO HI <i>FUDS Property No: H09HI0233</i>	ESE	0.33 / 1,748.60	<u>126</u>
BASE YARD NO 7	HONOLULU HI <i>FUDS Property No: H09HI0036</i>	ESE	0.63 / 3,335.54	<u>216</u>
KEWALO BASIN GUN SITE	HONOLULU HI <i>FUDS Property No: H09HI0178</i>	S	0.66 / 3,499.76	<u>223</u>
BATTERY PUNCHBOWL	HONOLULU HI <i>FUDS Property No: H09HI0045</i>	ENE	0.93 / 4,900.48	<u>288</u>
PUNCHBOWL MILITARY RES	HONOLULU HI <i>FUDS Property No: H09HI0293</i>	ENE	0.96 / 5,081.31	<u>294</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BANK BUILDING	HONOLULU HI <i>FUDS Property No: H09HI0378</i>	N	0.21 / 1,114.92	<u>90</u>
KUWILI PARK MILITARY RES	IWILEI HI <i>FUDS Property No: H09HI0196</i>	NNW	0.49 / 2,573.10	<u>176</u>

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Aug 30, 2023 has found that there are 10 ALT FUELS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Pacific Guardian Center	737 Bishop St Honolulu HI 96813 <i>ID: 66924</i>	NE	0.07 / 378.82	39
Topa Financial Center	745 Fort St Honolulu HI 96813 <i>ID: 45952</i>	N	0.10 / 510.91	52
Davies Pacific Center	841 Bishop St Honolulu HI 96813 <i>ID: 50067</i>	NE	0.11 / 592.68	63
City Financial Tower	201 Merchant St Honolulu HI 96813 <i>ID: 75429</i>	NE	0.14 / 733.14	74
FHC PV 1 & 2	999 Bishop St Honolulu HI 96813 <i>ID: 85605</i>	NE	0.14 / 741.52	76
Water Front Plaza	500 Ala Moana Blvd Honolulu HI 96813 <i>ID: 50069</i>	SE	0.19 / 984.55	84
Waterfront Plaza	500 Ala Moana Blvd Honolulu HI 96813 <i>ID: 237182</i>	SE	0.19 / 984.55	84
Central Pacific Plaza	220 South King Street Honolulu HI 96813 <i>ID: 45930</i>	NE	0.19 / 1,014.81	87
Bishop Square	1003 Bishop St Honolulu HI 96813 <i>ID: 66918</i>	NE	0.20 / 1,071.01	89
Bishop Square	1003 Bishop Street Honolulu HI 96813 <i>ID: 237180</i>	NE	0.20 / 1,071.01	89

AFS - Air Facility System

A search of the AFS database, dated Oct 17, 2014 has found that there are 1 AFS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAIIAN ELECTRIC CO - HONOLULU	170 ALA MOANA BLVD HONOLULU HI 96803	NNE	0.00 / 0.00	10

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Mar 20, 2023 has found that there are 2 PCB site(s) within approximately 0.50miles of the project

property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AMERICAN MARINE CORPORATION	65 N. NIMITZ HWY., PIER 14 HONOLULU HI 96817 <i>Site ID: HIR000069575</i>	N	0.27 / 1,428.75	113
PACIFIC ENVIRO CORP. DBA PENCO	65 N. NIMITZ HWY, PIER 14 HONOLULU HI 96817 <i>Site ID: HID984467530</i>	N	0.27 / 1,428.75	113

State

SPILLS - HEER Emergency Response Listing

A search of the SPILLS database, dated Jul 17, 2023 has found that there are 53 SPILLS site(s) within approximately 0.12miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Honolulu Harbor piers 6 & 7 Honolulu HI	NW	0.00 / 0.00	3
	Honolulu Harbor, Pier 6 Honolulu HI	N	0.00 / 0.00	4
Mystery Sheen NRC 893840	170 Ala Moana Blvd Honolulu HI <i>Case No: 20090102-0830</i>	NNE	0.00 / 0.00	10
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20011024-1407</i>	NNE	0.00 / 0.00	10
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20140731-1317</i>	NNE	0.00 / 0.00	10
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 20041105-1850</i>	NNE	0.00 / 0.00	10
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813 <i>Case No: 19960214-1545</i>	NNE	0.00 / 0.00	10
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	10

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Case No: 20040708-0700			
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	10
	Case No: 19970218-1413			
Hawaiian Electric Company (HECO)-Honolulu Generating Station	170 Ala Moana Blvd Honolulu HI 96813	NNE	0.00 / 0.00	10
	Case No: 19980415-0845			
	170 Ala Moana Boulevard, Honolulu, HI Honolulu HI	NNE	0.00 / 0.00	10
	Nimitz Highway Honolulu HI	NNE	0.00 / 5.22	15
Pacific Cruises	181 Ala Moana Blvd Honolulu HI 96813	NNE	0.01 / 29.53	17
	Case No: 20030409-1016			
HECO Pipeline Bishop Street and Nimitz Highway	Bishop St & Nimitz Hwy Honolulu HI	NNE	0.01 / 66.66	22
	Case No: 19901114-			
	Bishop Street and South Nimitz Hwy Honolulu HI	NNE	0.01 / 66.66	22
Under Tree at the Corner of Alakea Street & Nimitz Highway	Alakea St & Nimitz Hwy Honolulu HI 96813	NE	0.02 / 86.49	23
	Case No: 19930923-1			
HART CC-101	Nimitz and Alakea Honolulu HI	NE	0.02 / 86.49	23
	Case No: 20140225-0815			
Truck Leaking Oil	Ala Moana Blvd & Bishop St Honolulu HI 96813	NNE	0.02 / 94.95	24
	Case No: 19900621			
HART Boring CC103L	Ala Moana Blvd Richards Street Honolulu HI	ENE	0.02 / 103.24	25
	Case No: 20140407-0835			
HART CC103R	Ala Moana Blvd between Alakea and Richards Honolulu HI	ENE	0.02 / 105.58	26
	Case No: 20140311-1300			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C	433 Ala Moana Blvd Honolulu HI 96814 Case No: 19920303	SSE	0.02 / 113.53	27
433 Ala Moana Boulevard	433 Ala Moana Blvd Honolulu HI 96813 Case No: 19910719	SSE	0.02 / 113.53	27
	Hawaii Pacific University loading area Honolulu HI	NNW	0.04 / 203.12	33
	Aloha Tower Pier 8 HI	WNW	0.04 / 208.27	34
Norwegian Cruise Line	700 Bishop St Suite 900 Honolulu HI 96813 Case No: 20040811-1115	NNE	0.07 / 357.26	38
Norwegian Cruise Line	700 Bishop St Suite 900 Honolulu HI 96813 Case No: 20060124-0813	NNE	0.07 / 357.26	38
	1 Aloha Tower Drive Honolulu, HI. 96813 HI	NW	0.07 / 379.87	40
Aloha Tower Market Place	1 Aloha Tower Dr Honolulu HI 96813 Case No: 19950316	NNW	0.07 / 385.86	41
Aloha Tower Market Place	1 Aloha Tower Dr Honolulu HI 96813 Case No: 20031203-2317	NNW	0.07 / 385.86	41
	Pier 7 Aloha Tower Honolulu HI	NNW	0.08 / 398.41	42
Ala Moana Storm Drain	100 Ala Moana Blvd Honolulu HI 96813 Case No: 19900627-1	N	0.08 / 443.20	43
HECO pipeline	S Nimitz Hwy / Fort St intersection makai side Honolulu HI Case No: 20110110-1419	N	0.09 / 450.27	46
Manhole #19 at Fort Steet Mall & Nimitz Highway	Fort St & Nimitz Hwy Honolulu HI 96813 Case No: 19920000-8	N	0.09 / 456.30	48

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HECO Pad-Mount Transformer No. 55326	826 Mililani St Honolulu HI 96813 Case No: 20100922-1423	E	0.09 / 458.22	50
Group of people entering a door bypassing security	700 Fort St Honolulu HI Case No: 20140421-0702	N	0.09 / 468.22	51
	Honolulu Harbor, Pier 10 Honolulu HI	NNW	0.10 / 530.89	57
Alexander & Baldwin Properties, Inc.	822 Bishop St Honolulu HI 96732 Case No: 20010829-1552	NNE	0.10 / 553.88	60
Unknown sheen 930597	79 S Nimitz Hwy Honolulu HI 96813 Case No: 20081128-0722	N	0.12 / 648.05	69
Possible Oil Leak From Barge	79 S Nimitz Hwy Pier One Honolulu HI 96813 Case No: 20140824-0515	N	0.12 / 648.05	69
Unknown sheen 930597	79 S Nimitz Hwy Honolulu HI 96813 Case No: 20100205-0810	N	0.12 / 648.05	69
Ala Moana Boulevard & Punchbowl Street	Ala Moana Blvd & Punchbowl St Honolulu HI 96813 Case No: 19940901	SSE	0.12 / 652.98	70
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Honolulu Harbor, Pier 5 Honolulu HI	S	0.00 / 0.00	9
	Dock V5, Pearl Harbor Honolulu HI	S	0.00 / 0.00	12
	Honolulu Harbor, Pier 4 Honolulu HI	SSE	0.01 / 36.44	19
	Aloha Tower Pier 8 Honolulu HI	NW	0.03 / 172.29	29
	Aloha Tower Pier 8 Honolulu HI	NNW	0.03 / 173.28	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Pier 8 Honolulu Harbor Honolulu HI	NW	0.04 / 186.01	32
	Honolulu Harbor Pier 9 Honolulu HI 96813	WNW	0.10 / 528.29	55
	Honolulu Harbor, Pier 2A Honolulu HI	SSW	0.10 / 529.08	56
	Pier 2, Honolulu Harbor Honolulu HI	SSW	0.10 / 542.19	58
	Honolulu Harbor, Pier 2 Honolulu HI	SSW	0.11 / 561.27	61
	Aloha Tower Honolulu HI	NW	0.12 / 629.10	65
	Pier 2C, Honolulu Harbor Honolulu HI	SSW	0.12 / 645.77	67

DELISTED DRYCLEANERS - Delisted Drycleaners

A search of the DELISTED DRYCLEANERS database, dated May 5, 2021 has found that there are 2 DELISTED DRYCLEANERS site (s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Fantastique, Inc.	16 Merchant St. Honolulu HI 96813	NNE	0.23 / 1,188.12	95
Executive Cleaners	16 Merchant St. Honolulu HI 96813	NNE	0.23 / 1,188.12	95

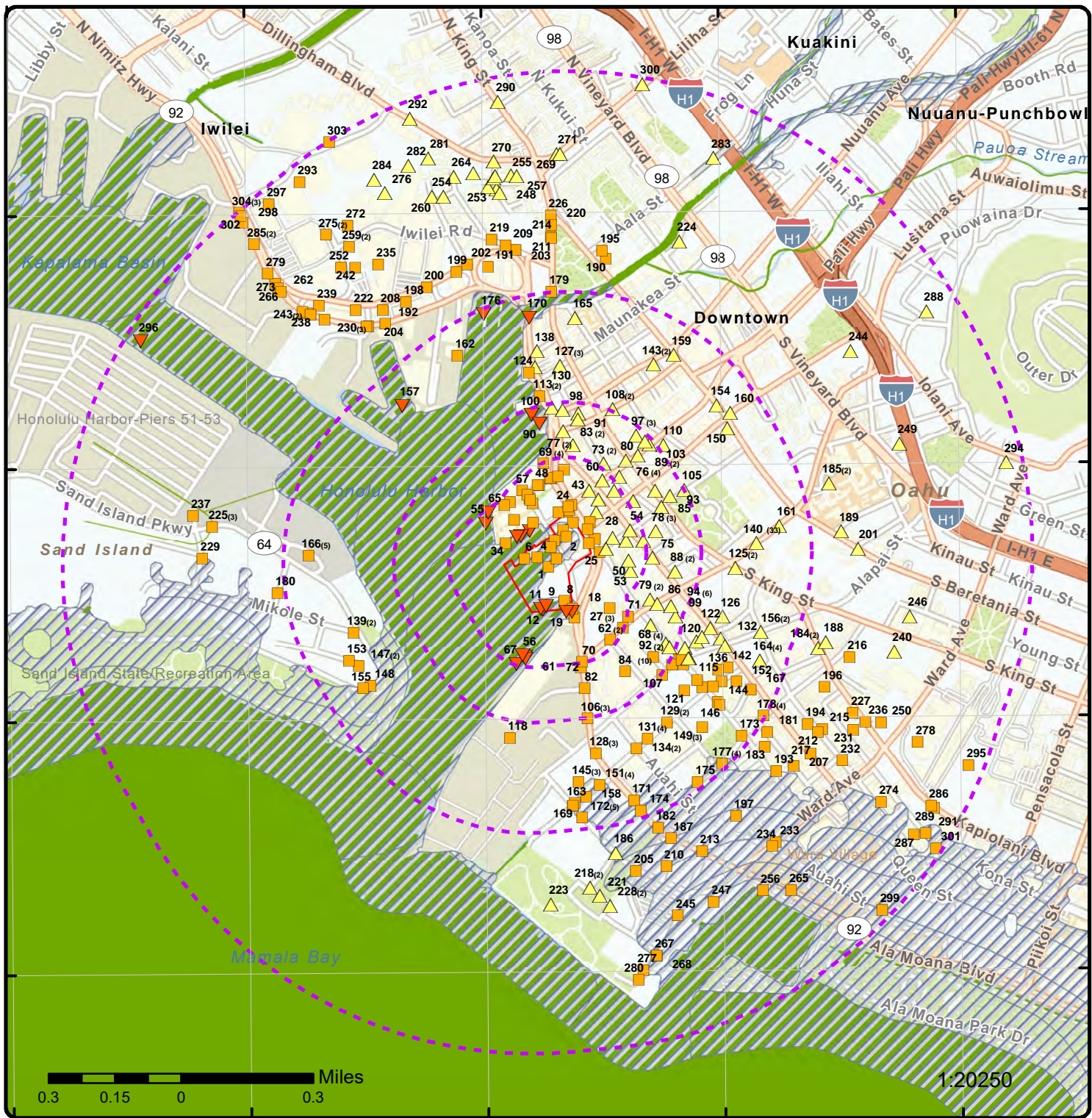
HWM - Hazardous Waste Management Facilities

A search of the HWM database, dated Apr 20, 2020 has found that there are 28 HWM site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HONOLULU GENERATING STATION	170 Ala Moana Boulevard Honolulu HI 96813	NNE	0.00 / 0.00	<u>10</u>
HONOLULU HARBORS ADMINISTRATION BUILDING	79 S. NIMITZ HIGHWAY HONOLULU HI 96813	ENE	0.00 / 18.98	<u>16</u>
GROSVENOR CENTER	733 Bishop Street Honolulu HI	NE	0.05 / 279.60	<u>35</u>
PACIFIC GUARDIAN CENTER	737 Bishop Street Honolulu HI	NE	0.07 / 378.82	<u>39</u>
PJKK FEDERAL BLDG AND US COURTHOUSE	300 Ala Moana Boulevard Honolulu HI	ESE	0.08 / 446.46	<u>45</u>
USCG	300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT HONOLULU HI 96850	ESE	0.08 / 446.46	<u>45</u>
PRIDE OF HAWAII IMO 9304057	1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813	NNW	0.09 / 455.83	<u>47</u>
LONGS DRUG STORE #10295	841 BISHOP STREET HONOLULU HI 96813	NE	0.11 / 592.68	<u>63</u>
KAAHUMANU HALE	777 Punchbowl Street Honolulu HI	SE	0.12 / 646.52	<u>68</u>
FINANCIAL PLAZA OF THE PACIFIC	130 Merchant Street Honolulu HI	NNE	0.14 / 721.32	<u>73</u>
CITY BANK	201 Merchant Street #1200 Honolulu HI 96813	NE	0.14 / 733.14	<u>74</u>
FIRST HAWAIIAN CENTER	999 Bishop Street Honolulu HI	NE	0.14 / 741.52	<u>76</u>
KING KALAKAUA BUILDING	335 Merchant Street Honolulu HI	ENE	0.15 / 817.03	<u>78</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AIR FLO EXPRESS INC	525 Halekauwila Street Honolulu HI 96850	ESE	0.18 / 953.36	<u>81</u>
WATERFRONT PLAZA	500 Ala Moana Boulevard Honolulu HI 96813	SE	0.19 / 984.55	<u>84</u>
LONGS DRUG STORES NO 2915	500 Ala Moana Boulevard Honolulu HI 96813	SE	0.19 / 984.55	<u>84</u>
SURGICARE OF HAWAII	500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813	SE	0.19 / 984.55	<u>84</u>
DAGS CSD KAMAMALU BLDG	1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ENE	0.19 / 985.99	<u>85</u>
DAGS CSD KEELIKOLANI BLDG	830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813	ESE	0.19 / 996.21	<u>86</u>
KAPUIWA BUILDING	426 QUEEN STREET HONOLULU HI 96813	E	0.19 / 1,026.37	<u>88</u>
DAGS CSD ALIIAIMOKU HALE BLDG DOT	869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	ESE	0.22 / 1,143.34	<u>94</u>
STATE OF HAWAII AUTO MGMT DIV	869 Punchbowl Street Honolulu HI	ESE	0.22 / 1,143.34	<u>94</u>
FANTASTIQUE DRY CLEANING	16 Merchant Street Honolulu HI	NNE	0.23 / 1,188.12	<u>95</u>
LONGS DRUG STORE #9182	1088 BISHOP STREET, SUITE 113 HONOLULU HI 96813	NE	0.23 / 1,223.15	<u>97</u>
INDUSTRIAL TECHNOLOGY	1088 Bishop Street Honolulu HI	NE	0.23 / 1,223.15	<u>97</u>
ACME FENDER	565 Halekauwila Street Honolulu HI	ESE	0.24 / 1,246.00	<u>101</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HAWAII PACIFIC UNIVERSITY	1060 Bishop Street Honolulu HI	NE	0.24 / 1,248.69	102
HONOLULU HARBOR PIERS 16 17 18	PIER 16 17 18 HONOLULU HARBOR HONOLULU HI 96817	N	0.24 / 1,276.09	104

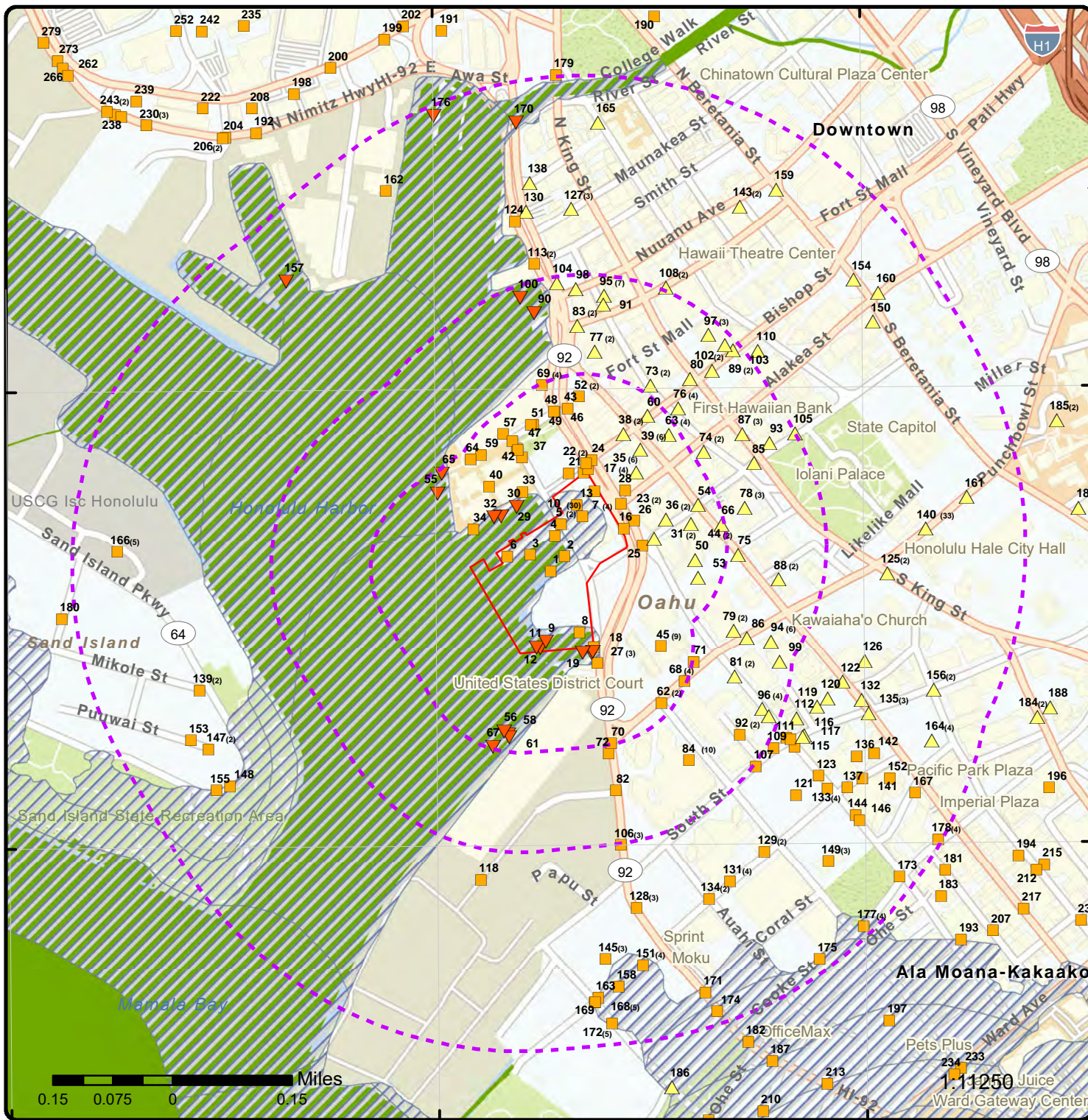


Map: 1.0 Mile Radius

Order Number: 23122200507
 Address: 170 Aloha Tower Drive, Honolulu, HI



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

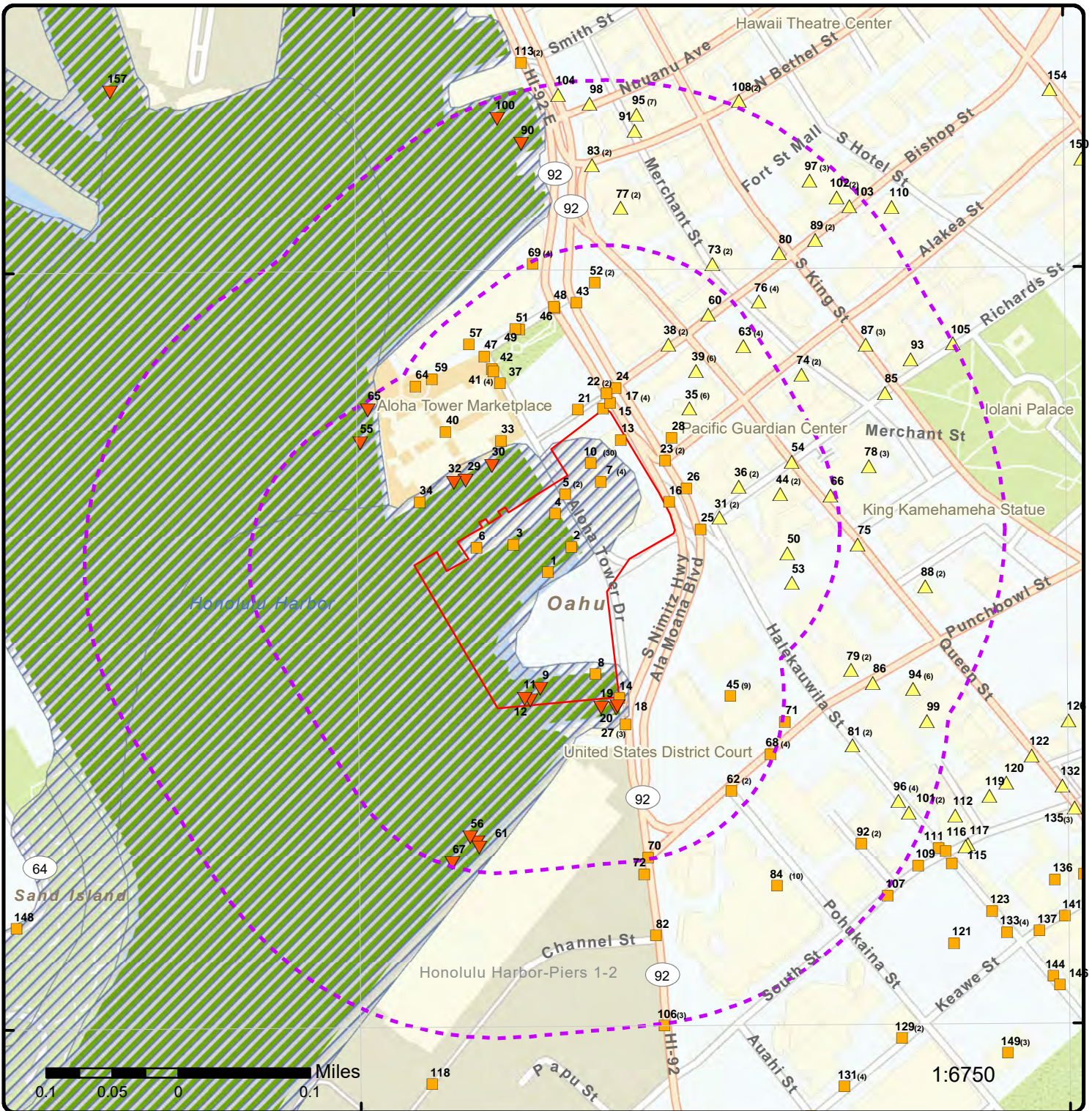


Map: 0.5 Mile Radius

Order Number: 23122200507
Address: 170 Aloha Tower Drive, Honolulu, HI



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23122200507

Address: 170 Aloha Tower Drive, Honolulu, HI



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Miles
 0.1 0.05 0 0.1

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2022

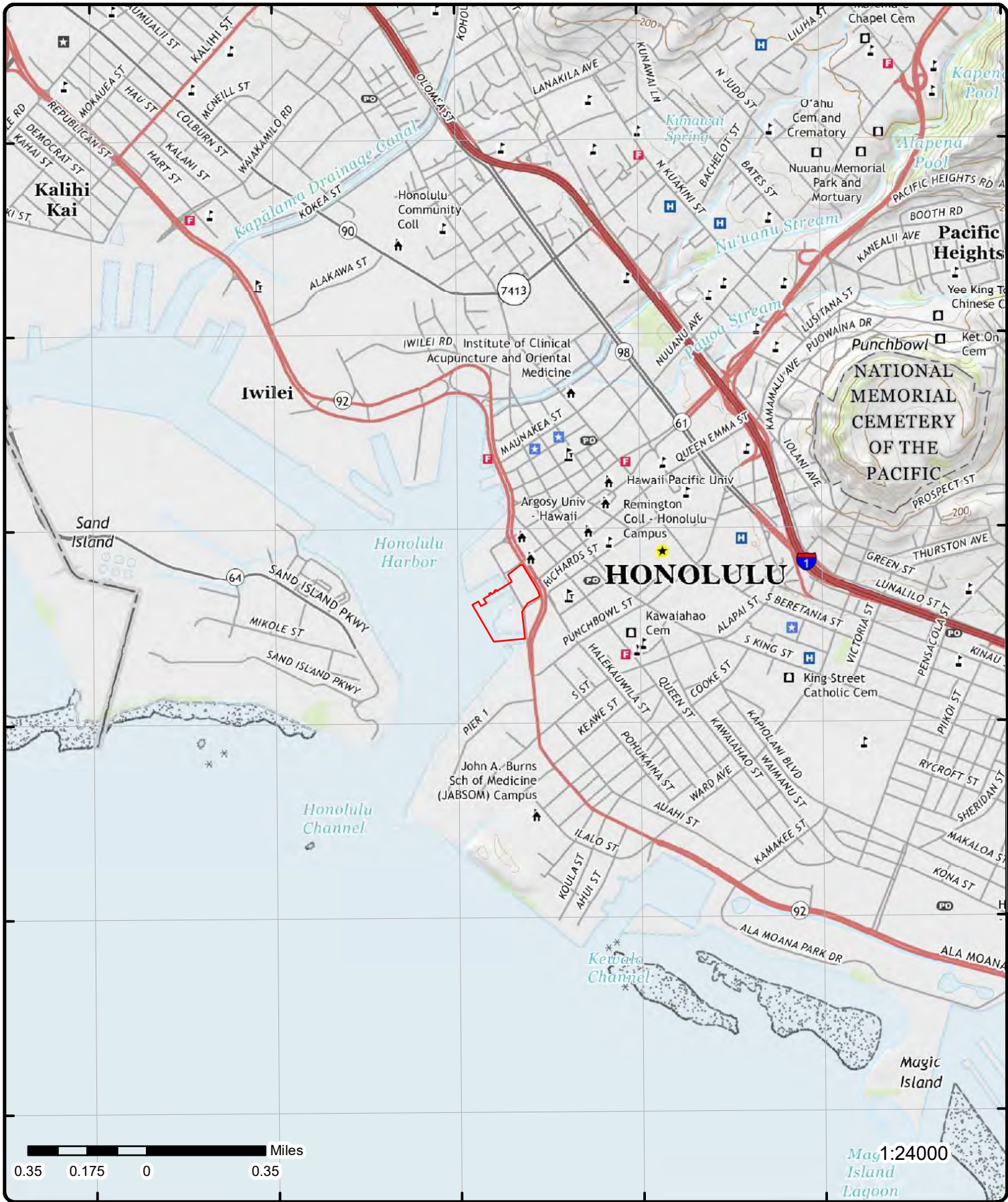
Address: 170 Aloha Tower Drive, Honolulu, HI

Source: ESRI World Imagery

Order Number: 23122200507



© ERIS Information Inc.



Topographic Map Year: 2017

Address: 170 Aloha Tower Drive, HI

Quadrangle(s): Honolulu HI

Source: USGS Topographic Map

Order Number: 23122200507



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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	WNW	0.00 / 0.00	3.28 / 0	STATE OF HAWAII PIER 6 PIER 6 HONOLULU HI 96813	FINDS/FRS

Registry ID: 110041450248
FIPS Code: 15003
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 06-JUL-10
Update Date: 01-JUN-17
Interest Types: HAZARDOUS AIR POLLUTANT MAJOR
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: EIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001012
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.305
Longitude: -157.86444
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110041450248
Data Source: Facility Registry Service - Single File
Program Acronyms:

EIS:1819011

<u>2</u>	1 of 1	NE	0.00 / 0.00	3.28 / 0	NIMITZ HIGHWAY MEDIAN IMPROVEMENTS, SAND ISLAND ACCESS ROAD TO VICINITY OF ALAKA HI	FINDS/FRS
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Registry ID: 110055403941
FIPS Code:
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 23-JUL-13
Update Date:
Interest Types: STATE MASTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: HI-EHW
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001016
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.305278
Longitude: -157.864167
Reference Point: UNKNOWN
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055403941
Data Source: Facility Registry Service - Single File
Program Acronyms:

HI-EHW:9362

<u>3</u>	1 of 1	NW	0.00 / 0.00	2.86 / 0	Honolulu Harbor piers 6 & 7 Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20170223-1219	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor piers 6 & 7		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2017-02-23T22:19:35.0000000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2017-02-24T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Off-scene	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	diesel sheen Honolulu Harbor pier 7		
Location:	Honolulu Harbor piers 6 & 7		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Assigned SOSC: terence.corpus@doh.hawaii.gov
 NRC Incident Rpt No: 1171794
 Release Duration:
 Notified Agencies:
 Response Measure Taken:
 BC State Activity:
 Invoice To:
 Status Comment: spill cleaned up by vessel
 Summary:

Caller reported to USCG diesel sheen at pier 7. Vessel Kulamanu formerly known as Windjammers is docked there. Per Aloha Tower, vessel has sat of years and is about ready to leave State on its own power pending USCG approval. Witness also observed a diesel saturated absorbent pad in the water by the vessel.

iHEER System - Location Information

Site ID:
 Location Type: RA
 Description: sheen area
 Geometry: POLYGON ((-157.86432413020071 21.305694194346263, -157.86463794865026 21.305299368600355, -157.86513415731608 21.305014493669532, -157.86526558555832 21.305176922426014, -157.86432413020071 21.305694194346263))
 Centroid: POINT (-157.86483989623946 21.305308481922562)

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20170223-1219	Actual Amount Unit:	
Substance ID:		Potential Amount:	Unknown
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	Sheen	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Diesel Oil/Marine Gas Oil		

4	1 of 1	N	0.00 / 0.00	3.28 / 0	Honolulu Harbor, Pier 6 Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20190330-1207	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor, Pier 6		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	true
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2019-03-30T22:07:40.6700000	Is Rprt Noteworthy:	false
Actual Release On:	2019-03-30T21:23:00.0000000	Is RMP:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Followup Recvd On:				Is Tier Two Facili:		
Closed On:		2019-03-30T00:00:00.0000000		Affiliated Org:		
Coordinatn Needed:		None		Caller is Anonym:		false
Water Body:		Honolulu Harbor		Caller Name:		
BC St Inciden Type:				Caller Phone:		
BC State Cause Typ:				Tax Map Key:		
BC State Cause:				Island ID:		8
BC State Source Ty:				County Code:		OA
BC State Source:				County:		Honolulu
Is BC State:		false		State:		HI
Is Cost Rcovery:						
Release Name:		Unknown Substance in Honolulu Harbor				
Location:		Honolulu Harbor, Pier 6				
Assigned SOSOC:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:		1241482				
Release Duration:						
Notified Agencies:		USCG,HIDOT-HARBOR				
Response Measure Taken:		DOT Harbors Police investigated substance. They could not determine a source or identify the substance but noticed that it was dissipating when they arrived				
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

An unknown substance was discovered in Honolulu Harbor by Pier 6. Harbor police investigated the substance on the water estimated to be around 20 x 30 feet. The substance had no odor or sheen. The substance was breaking apart and dispersing naturally.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Unknown Substance
Geometry:	POINT (-157.864351 21.305648)
Centroid:	POINT (-157.864351 21.305648)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20190330-1207	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:		Category:	Unlisted
Reported Amt Unit:		Description:	
Name:	Liquid		

iHEER System - Documents

Document No:	2926	Type:	24-Hour Emergency Daily Call Log
Date:	Mar 30, 2019	Imported From:	
Title:	24 Hr Log		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/2926/download		

iHEER System - Documents

Document No:	3037	Type:	24-Hour Emergency Daily Call Log
Date:	Mar 30, 2019	Imported From:	
Title:	24 Hr Log		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/3037/download		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 2	N	0.00 / 0.00	3.28 / 0	ALOHA TOWER DRIVE, NIMITZ ALOHA TOWER,NIMITZ HIGHWAY HONOLULU HI 96813	FINDS/FRS

Registry ID: 110024875704
FIPS Code: HI003
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description: RICHARDS STREET 16 **Note: Many records provided by the department have a truncated [Location Description] field.
Supplemental Location: RICHARDS STREET
Create Date: 23-JUN-06
Update Date: 11-JAN-16
Interest Types: ICIS-NPDES NON-MAJOR
SIC Codes: 9999
SIC Code Descriptions: NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001011
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.30586
Longitude: -157.86423
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110024875704
Data Source: Facility Registry Service - Single File
Program Acronyms:

NPDES:HIF001580

5	2 of 2	N	0.00 / 0.00	3.28 / 0	ALOHA TOWER DRIVE, NIMITZ HWY ALOHA TOWER DR HONOLULU HI 96813	FINDS/FRS
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Registry ID: 110020732983
FIPS Code: HI003
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description: RICHARDS STREET: 16-INCH **Note: Many records provided by the department have a truncated [Location Description] field.
Supplemental Location: SOUTH NIMITZ HWY
Create Date: 01-MAR-05
Update Date: 11-JAN-16
Interest Types: ICIS-NPDES NON-MAJOR
SIC Codes: 9999
SIC Code Descriptions: NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Congressional Dist No:
Census Block Code: 150030039001011
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.30586
Longitude: -157.86423
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110020732983
Data Source: Facility Registry Service - Single File
Program Acronyms:

NPDES:HIF000601

6	1 of 1	WNW	0.00 / 0.00	3.30 / 0	PALOLO WATER SYSTEM IMPROVEMENTS	FINDS/FRS
						HI

Registry ID: 110046155904
FIPS Code:
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 25-JUL-12
Update Date: 23-JUL-13
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: HI-EHW
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001012
EPA Region Code: 09
County Name:
US/Mexico Border Ind:
Latitude: 21.305278
Longitude: -157.865278
Reference Point: CENTER OF FACILITY
Coord Collection Method: UNKNOWN
Accuracy Value: 99998
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110046155904
Data Source: Facility Registry Service - Single File
Program Acronyms:

HI-EHW:9986

7	1 of 4	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO. 170 ALOHA TOWER DR HONOLULU HI 96813	FINDS/FRS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Registry ID:		110070789542				
FIPS Code:		15003				
HUC Code:		20060000				
Site Type Name:		BROWNFIELDS SITE				
Location Description:						
Supplemental Location:						
Create Date:		18-MAY-20				
Update Date:						
Interest Types:		BROWNFIELDS PROPERTY				
SIC Codes:						
SIC Code Descriptions:						
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:		FRS-GEOCODE				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:						
Census Block Code:		150030039001011				
EPA Region Code:		09				
County Name:		HONOLULU				
US/Mexico Border Ind:						
Latitude:		21.3057				
Longitude:		-157.86413				
Reference Point:		CENTER OF A FACILITY OR STATION				
Coord Collection Method:		ADDRESS MATCHING-HOUSE NUMBER				
Accuracy Value:		30				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070789542				
Data Source:		Facility Registry Service - Single File				
Program Acronyms:						

ACRES:241693

7	2 of 4	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Co. 170 Aloha Tower Dr HONOLULU HI 96813	FED BROWNFIELDS
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Property ID: 241693
Property Name: Hawaiian Electric Co.
Address: 170 Aloha Tower Dr
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.30660825
Long Measure: -157.8638192
Primary Name (Map): HAWAIIAN ELECTRIC CO.
Location Address (Map): 170 ALOHA TOWER DR
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30660825
Longitude (Map): -157.8638192
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789542	BF RLF Gra:
EPA ID:		BF RLF Pil:
EPA Region:	09	BF Assess :
Cat No:	20060000	BF Cleanup:
RCRA Handl:		BF Tba Ind:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Curre:					BF 128a In:	
RCRA Remed:					BF IC Code:	Y
RCRA Const:					BF IC Gc I:	Y
RCRA El He:					BF IC Ep I:	Y
RCRA El Gm:					BF IC ID I:	U
RCRA Rem 1:					BF IC Pr I:	U
RCRA Ec Gw:					FF Brac In:	
RCRA Ec Ng:					BF RLF Ind:	
RCRA IC Ep:					BF Assess1:	Y
RCRA IC Gc:					BF Multipu:	
RCRA IC ID:					BF Awp Ind:	
RCRA IC Pr:					BF Showcas:	
FF RCRA In:					BF 128a P :	
RCRA Trans:					LUST Relea:	
RCRA Tra 1:					LUST Award:	
RCRA Ec Co:					LUST State:	
RCRA IC Co:					Congressio:	HI-01
RCRA Gpra :					FD Agency :	
RCRA Rem 2:					FD Listing:	
RCRA Dru 1:					FD Non NPL:	
SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF El Gm C:					FD SF NPL :	
SF El He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		HAWAIIAN ELECTRIC CO.				
RCRA Drupa:						
Repow Ref :					https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:26571	
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241693.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8638192%2C21.30660825&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8638192%2C21.30660825&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Hawaiian Electric Co.				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
REPOW Re 1:					RE-Powering Site Profile	
REPOW Ref1:					26571	
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1279	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	08/21/2019	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1279	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	08/21/2019	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase II Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	110000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	04/01/2018	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	2				Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCS				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Cleanup Planning	Redev Amount:	
Assess Amount:	10000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	01/01/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	13				Env EC Required:	U
GPA Type Desc:	Cleanup Planning				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structures:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase II Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Cleanup Planning	Redev Amount:	
Assess Amount:	10000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	01/01/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	13				Env EC Required:	U
GPA Type Desc:	Cleanup Planning				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Cleanup Planning				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				

Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Air
 Soil

Ctmnt Rec:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	110000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	04/01/2018	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	2				Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase II Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Cleanup Planning	Redev Amount:	
Assess Amount:	10000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	01/01/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	13				Env EC Required:	U
GPA Type Desc:	Cleanup Planning				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1279	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	08/21/2019	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Cleanup Planning				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCS				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structurs:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :	Y	Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :	Y	Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	110000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	06/30/2021	Redev Start Dt:	
Assess Start Dt:	04/01/2018	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30660825
Cleanup Drk Wat:		Longitude Measure:	-157.8638192
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-006		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Hawaiian Electric Co.		
Property Size:	.28		
IC Data Address:			
IC in Place Date:			
Current Owner:	Hawaiian Electric Co		
Address:	170 Aloha Tower Dr		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	2				Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :	Y				RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1271
Clnup Bldg Mats :					Low Income Pct:	37.55
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	331
Clnup Mercury :					Vacant Housing Pct:	15.57
Clnup Nickel :					Total Unemployed:	109
Clnup None :					Unemployed Pct:	3.22
Clnup of Structures:					Below Poverty:	572
Clnup oorair :					Below Poverty Pct:	16.9
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Cleanup Planning				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		Lead				
		Petroleum Products				
		SVOCs				
		VOCs				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Air						
Soil						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead
Petroleum Products
VOCs

7	3 of 4	NNE	0.00 / 0.00	3.28 / 0	HART HECO Downtown Station 170 Aloha Tower Dr Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 3084
Island (Public iHEER): Oahu
Site Name (Public iHEER): HART HECO Downtown Station
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Downtown Station, HART Kuloloia Station (Downtown), Hawaiian Electric Company (HECO) Honolulu Generating Station, HECO Honolulu Generating Station, HECO Honolulu Power Plant, HECO Leslie A Hicks Power Plant, Honolulu Harbor Downtown Unit, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (H RTP)
Street (Public iHEER): 170 Aloha Tower Dr
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 170 Aloha Tower Dr, Honolulu, HI 96813
Program (Public iHEER): State
Status Name (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 12/24/2020 2:10:52 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER):
Tax Map Keys (Public iHEER): 121014006
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 3084
Island (PORTAL): Oahu
Site Name (PORTAL): HART HECO Downtown Station
Address (PORTAL): 170 Aloha Tower Dr
Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 170 Aloha Tower Dr, Honolulu, HI 96813
Program (PORTAL): State
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/3084/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Apr 30, 1990
Type: Undetermined
Title: Completed Work 4/30/1990
Document No: 36439
Imported From: 349#\Heersharepoint1\facilitiesite%20documents\349.pdf

iHEER System - Documents

Date : Aug 19, 2019
Type: Undetermined
Title: Coverletter HART SAP RTCs 081919
Document No: 170670
Imported From: ePermitting

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 19, 2019
Type: Undetermined
Title: DowntownStation WP Rev2 HEER-Cover Letter-v1.PDF
Document No: 178199
Imported From:

iHEER System - Documents

Date : Dec 19, 2019
Type: Phase II Environmental Site Assessment
Title: DowntownStation_PhaseIIESA_Rev2_2019-12-v1.pdf
Document No: 178200
Imported From:

iHEER System - Documents

Date : Aug 19, 2019
Type: Undetermined
Title: Epermitting Receipt HART SAP RTCs
Document No: 170669
Imported From: epermitting

iHEER System - Documents

Date : Jun 19, 2020
Type: Undetermined
Title: HART HDOH DowntownStation WP Rev0 HEER-COVER LETTER-v1
Document No: 178195
Imported From:

iHEER System - Documents

Date : Aug 19, 2019
Type: Undetermined
Title: HART SAP RTCs 081919
Document No: 170666
Imported From: ePermitting

iHEER System - Documents

Date : Feb 28, 1996
Type: Undetermined
Title: ISST Site Screening Sheet, 2/28/1996, signed 3/7/1996
Document No: 26399
Imported From: 62306#\Heersharepoint1\facilitiesite%20documents\62306.pdf

iHEER System - Documents

Date : Nov 3, 1989
Type: Undetermined
Title: Phase I Preliminary Hazardous Materials Site Assessment Honolulu Power Plant, Honolulu HI
Document No: 36440
Imported From: 37827#\Heersharepoint1\facilitiesite%20documents\37827.pdf

iHEER System - Documents

Date : Feb 1, 2021
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Phase II Environmental Site Assessment Report for the Downtown Station Makai Lot				
Document No:		183047				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 28, 1992				
Type:		Undetermined				
Title:		Preliminary Hazardous Materials Site Assessment For:, 1) Honolulu Power Plant, and, 2) Iwilei Fuel storage Area				
Document No:		36441				
Imported From:		62303#\Heersharepoint1\facilitysite%20documents\62303.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 24, 2019				
Type:		Undetermined				
Title:		Report Submittal for HEER Office (Assessment and Remediation Related Reports; NOT Written Release Notification Forms; NOT HEP CRA TIER II Forms)				
Document No:		181735				
Imported From:		iHEER Doc Number 170575.				
<u>iHEER System - Documents</u>						
Date :		Apr 30, 1995				
Type:		Undetermined				
Title:		Response to DOH Questions Re Info related to the Honolulu Harbor Petroleum Contaminated Area, Honolulu HI				
Document No:		36438				
Imported From:		37826#\Heersharepoint1\facilitysite%20documents\37826.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2021				
Type:		Undetermined				
Title:		Review of Rev. 0 Downtown Station Makai Lot				
Document No:		183045				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2019				
Type:		Comment Letter				
Title:		Review of Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii (Rev. 0)				
Document No:		170561				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2020				
Type:		Undetermined				
Title:		Submittal HNQ-S1ZE-7CDC7-v1-COR.pdf				
Document No:		178196				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 25, 2019				
Type:		Undetermined				
Title:		Work Plan for Phase II Environmental EA at HECO Honolulu Power Plant Revision 0 Cover				
Document No:		181734				
Imported From:		iHEER Doc Number 170579.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 19, 2019
Type: Site Inspection Work Plan
Title: Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant
Document No: 178197
Imported From:

iHEER System - Documents

Date : Jun 24, 2019
Type: Undetermined
Title: Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii (Rev. 0)
Document No: 181736
Imported From: iHEER Doc Number 170576.

Locations Details

Locations ID: 7538
Location Type: SB
Description: HECO Power Plant
Comment :
Centroid: POINT (-157.86373057127969 21.305960434047527)
Geometry:

POLYGON ((-157.86376280192329 21.306869935874282, -157.86303324107612 21.3056704715689, -157.86296350363887 21.30544557092098, -157.86349458102336 21.30515070066166, -157.86375743750781 21.305245658945552, -157.86387545470237 21.305305632566828, -157.86453527812131 21.306375158034562, -157.86452991370581 21.306370160269978, -157.86452991370581 21.30636516250604, -157.86376280192329 21.306869935874282))

Locations ID: 7557
Location Type: SC
Description: Downtown Station Makai
Comment : Google Maps and Site Boundary
Centroid: POINT (-157.863821 21.306291000000012)
Geometry:

POINT (-157.863821 21.306291000000012)

Details

Centroid: POINT (-157.863821 21.306291000000012)
Updated On: 12/24/2020 2:10:52 PM
Coordinates: 21.306291000000012,-157.863821

<u>7</u>	4 of 4	NNE	0.00 / 0.00	3.28 / 0	HART HECO Downtown Station 170 Aloha Tower Dr Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 3084
Site Name (Public iHEER): HART HECO Downtown Station
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Downtown Station, HART Kuloloia Station (Downtown), Hawaiian Electric Company (HECO) Honolulu Generating Station, HECO Honolulu Generating Station, HECO Honolulu Power Plant, HECO Leslie A Hicks Power Plant, Honolulu Harbor Downtown Unit, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (H RTP)
Street (Public iHEER): 170 Aloha Tower Dr
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		12/24/2020 2:10:52 PM				
Ms Access ID (Public iHEER):						
Suppl Loc (Public iHEER):		170 Aloha Tower Dr, Honolulu, HI 96813				
Tax Map Keys (Public iHEER):		121014006				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		3084				
Site Name (PORTAL):		HART HECO Downtown Station				
Loc Desc (PORTAL):		170 Aloha Tower Dr, Honolulu, HI 96813				
Address (PORTAL):		170 Aloha Tower Dr Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		UNREVIEWED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/3084/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Apr 30, 1990
Document No: 36439
Type: Undetermined
Title: Completed Work 4/30/1990
Imported From: 349#\Heersharepoint1\facilitiesite%20documents\349.pdf

iHEER System - Documents

Date : Aug 19, 2019
Document No: 170670
Type: Undetermined
Title: Coverletter HART SAP RTCs 081919
Imported From: ePermitting

iHEER System - Documents

Date : Dec 19, 2019
Document No: 178199
Type: Undetermined
Title: DowntownStation WP Rev2 HEER-Cover Letter-v1.PDF
Imported From:

iHEER System - Documents

Date : Dec 19, 2019
Document No: 178200
Type: Phase II Environmental Site Assessment
Title: DowntownStation_PhaseIIESA_Rev2_2019-12-v1.pdf
Imported From:

iHEER System - Documents

Date : Aug 19, 2019
Document No: 170669
Type: Undetermined
Title: Epermitting Receipt HART SAP RTCs
Imported From: epermitting

iHEER System - Documents

Date : Jun 19, 2020
Document No: 178195
Type: Undetermined
Title: HART HDOH DowntownStation WP Rev0 HEER-COVER LETTER-v1
Imported From:

iHEER System - Documents

Date : Aug 19, 2019
Document No: 170666
Type: Undetermined
Title: HART SAP RTCs 081919
Imported From: ePermitting

iHEER System - Documents

Date : Feb 28, 1996
Document No: 26399
Type: Undetermined
Title: ISST Site Screening Sheet, 2/28/1996, signed 3/7/1996
Imported From: 62306#\Heersharepoint1\facilitiesite%20documents\62306.pdf

iHEER System - Documents

Date : Nov 3, 1989
Document No: 36440
Type: Undetermined
Title: Phase I Preliminary Hazardous Materials Site Assessment Honolulu Power Plant, Honolulu HI
Imported From: 37827#\Heersharepoint1\facilitiesite%20documents\37827.pdf

iHEER System - Documents

Date : Feb 1, 2021
Document No: 183047
Type: Undetermined
Title: Phase II Environmental Site Assessment Report for the Downtown Station Makai Lot
Imported From:

iHEER System - Documents

Date : Jul 28, 1992
Document No: 36441
Type: Undetermined
Title: Preliminary Hazardous Materials Site Assessment For:, 1) Honolulu Power Plant, and, 2) Iwilei Fuel storage Area
Imported From: 62303#\Heersharepoint1\facilitiesite%20documents\62303.pdf

iHEER System - Documents

Date : Jun 24, 2019
Document No: 181735
Type: Undetermined
Title: Report Submittal for HEER Office (Assessment and Remediation Related Reports; NOT Written Release)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		Notification Forms; NOT HEPCRA TIER II Forms) iHEER Doc Number 170575.				
<u>iHEER System - Documents</u>						
Date :		Apr 30, 1995				
Document No:		36438				
Type:		Undetermined				
Title:		Response to DOH Questions Re Info related to the Honolulu Harbor Petroleum Contaminated Area, Honolulu HI				
Imported From:		37826#\Heersharepoint1\facilitiesite%20documents\37826.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2021				
Document No:		183045				
Type:		Undetermined				
Title:		Review of Rev. 0 Downtown Station Makai Lot				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2019				
Document No:		170561				
Type:		Comment Letter				
Title:		Review of Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii (Rev. 0)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2020				
Document No:		178196				
Type:		Undetermined				
Title:		Submittal HNQ-S1ZE-7CDC7-v1-COR.pdf				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 25, 2019				
Document No:		181734				
Type:		Undetermined				
Title:		Work Plan for Phase II Environmental EA at HECO Honolulu Power Plant Revision 0 Cover				
Imported From:		iHEER Doc Number 170579.				
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2019				
Document No:		178197				
Type:		Site Inspection Work Plan				
Title:		Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 24, 2019				
Document No:		181736				
Type:		Undetermined				
Title:		Work Plan for Phase II Environmental Site Assessment at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii (Rev. 0)				
Imported From:		iHEER Doc Number 170576.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 7538
Location Type: SB
Description: HECO Power Plant
Comment :
Centroid: POINT (-157.86373057127969 21.305960434047527)
Geometry:

POLYGON ((-157.86376280192329 21.306869935874282, -157.86303324107612 21.3056704715689, -157.86296350363887 21.30544557092098, -157.86349458102336 21.30515070066166, -157.86375743750781 21.305245658945552, -157.86387545470237 21.305305632566828, -157.86453527812131 21.306375158034562, -157.86452991370581 21.306370160269978, -157.86452991370581 21.30636516250604, -157.86376280192329 21.306869935874282))

iHEER System - Locations Details

Locations ID: 7557
Location Type: SC
Description: Downtown Station Makai
Comment : Google Maps and Site Boundary
Centroid: POINT (-157.863821 21.306291000000012)
Geometry:

POINT (-157.863821 21.306291000000012)

Site Details

Centroid: POINT (-157.863821 21.306291000000012)
Updated On: 12/24/2020 2:10:52 PM
Coordinates: 21.306291000000012,-157.863821

iHEER System - Aliases

Name: Hawaiian Electric Company (HECO) Honolulu Generating Station

iHEER System - Aliases

Name: HECO Honolulu Generating Station

iHEER System - Aliases

Name: HART Kuloloia Station (Downtown)

iHEER System - Aliases

Name: Downtown Station

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: HECO Honolulu Power Plant

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu Harbor Downtown Unit				
<u>iHEER System - Aliases</u>						
Name:		HECO Leslie A Hicks Power Plant				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Low Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Rail Transit Project (H RTP)				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project (HHCTCP)				

<u>8</u>	1 of 1	SSE	0.00 / 0.00	3.32 / 0	STATE OF HAWAII PIER 5 PIER 5 HONOLULU HI 96813	FINDS/FRS
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Registry ID: 110041450211
FIPS Code: 15003
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 06-JUL-10
Update Date: 01-JUN-17
Interest Types: HAZARDOUS AIR POLLUTANT MAJOR
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: EIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001016
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.30388
Longitude: -157.86389
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110041450211
Data Source: Facility Registry Service - Single File
Program Acronyms:

EIS:1818911

<u>9</u>	1 of 1	S	0.00 / 0.00	0.00 / -3	Honolulu Harbor, Pier 5 Honolulu HI	SPILLS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Case No:					Location Island:	
Case No (EHA):	20190507-2000				City:	
HID No:					Zip:	
Fac Registry ID:					Island Name (EHA):	Oahu
NRC Incident Reprt:					City (EHA):	Honolulu
Lead and Program:					Zip Code (EHA):	
Coordinatn Needed:						
Facility Site Name:						
Address 1:						
Address 2:						
Location (EHA):		Honolulu Harbor, Pier 5				
EP&R Envir Interest:						
Organization:						
Supplemental Location:						

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean	Is Notificat Valid:	Yes
Reported On:	2019-05-08T06:00:12.1630000	Is Rprt Noteworthy:	false
Actual Release On:	2019-05-08T05:45:00.0000000	Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	false
Closed On:	2019-05-09T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	Car Ran Off Pier 5 into the Harbor		
Location:	Honolulu Harbor, Pier 5		
Assigned SOSOC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:	1245049, 1244995		
Release Duration:			
Notified Agencies:	USCG,HIDOT-HARBOR,HPD,HFD		
Response Measure Taken:	A tow truck was unable to remove the car on the first night. The owner of the car is working with a salvage company to remove the car. The car was later removed on 5/9/19.		
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

A car ran off Pier 5 and into Honolulu Harbor. A tow truck was called but could not remove the car that night. No sign of pollution at night or in the morning. A sheen was reported later in the day.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Car in Water
Geometry:	POINT (-157.864541 21.303714999999993)
Centroid:	POINT (-157.864541 21.303714999999993)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20190507-2000	Actual Amount Unit:	
Substance ID:		Potential Amount:	7 Quarts
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Name:					Impermeable Surface:	
Total Spilled:					Recovered:	
Spilled Water:					Unk Volume Spilled:	
Spilled Soil:					Is BC State:	
Reported Amount:	5 Quarts				Category:	Oil
Reported Amt Unit:					Description:	
Name:	Lube Oil/Motor Oil					
Incident:					Actual Amount:	
Case No:	20190507-2000				Actual Amount Unit:	
Substance ID:					Potential Amount:	20 Gallons
Substance Category:					Potential Amt Unit:	
Subst Reportab Qty:					Enviromntl Release:	Yes
Substance Name:					Impermeable Surface:	
Total Spilled:					Recovered:	
Spilled Water:					Unk Volume Spilled:	
Spilled Soil:					Is BC State:	
Reported Amount:	Gallons				Category:	Oil
Reported Amt Unit:					Description:	
Name:	Gasoline					

10	1 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO HONOLULU GEN STE 170 ALA MOANA BLVD HONOLULU HI 96813	CERCLIS
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Site ID:	0900377	RNPL Status Code:	N
Site EPA ID:	HID000150680	NPL Status:	Not on the NPL
Site Street Address 2:		RFED Facility Code:	N
Site County Name:	HONOLULU	RFED Facility Desc:	Not a Federal Facility
Site FIPS Code:	15003	USGS Hydro Unit No.:	
Region Code:	09	Site Cong. Dist. Code:	01
Site SMSA No.:	3320	ROT Desc:	Private
Site Prim. Latitude:	21D18M48S	FR NPL Update No.:	
Site Prim. Longitude:	157D51M48S	RFRA Code:	
Lat Long Source:			
RNON NPL Status Desc:	Deferred to RCRA		

CERCLIS Assess History

OU ID:	00	RALT Short Name:	
Act Code ID:		Act Start Date:	
RAT Code:		Act Complete Date:	
RAT Short Name:		AGT Order No.:	0
RAT Name:		SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:		SH Seq:	
RAT Level:		SH Start Date:	
RAT DEF OU:		SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:			
RAT Def:			
Site Desc:	No description available		
Site Alias:	No alias data available		

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA Fund
Act Code ID:	001	Act Start Date:	
RAT Code:	DS	Act Complete Date:	5/8/1990 00:00:00
RAT Short Name:	DISCVRY	AGT Order No.:	10
RAT Name:	DISCOVERY	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RAT DEF OU:	00				SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:	13					
RAT Def:		The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.				
Site Desc:						
Site Alias:						

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA In-House
Act Code ID:	001	Act Start Date:	
RAT Code:	VS	Act Complete Date:	1/23/1996 00:00:00
RAT Short Name:	ARCH SITE	AGT Order No.:	1500
RAT Name:	ARCHIVE SITE	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:		The decision is made that no further activity is planned at the site.	
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA Fund
Act Code ID:	001	Act Start Date:	
RAT Code:	PA	Act Complete Date:	5/15/1990 00:00:00
RAT Short Name:	PA	AGT Order No.:	130
RAT Name:	PRELIMINARY ASSESSMENT	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:	P	SH Lead:	
SPA Code:	13		
RAT Def:		Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.	
Site Desc:			
Site Alias:			

10	2 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO HONOLULU GEN STE 170 ALA MOANA BLVD HONOLULU HI 96813	CERCLIS NFRAP
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Site ID:	900377	Site FIPS Code:	15003
Site EPA ID:	HID000150680	Region Code:	9
Site Parent ID:		Site Cong. Dist. Code:	1
Site County Name:	HONOLULU	Federal Facility:	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	5/15/1990
RAT Code:	PA	AGT Order No.:	130
RAT Short Name:	PA	SH OU:	
RAT Name:	PRELIMINARY ASSESSMENT	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
RNON NPL Status Desc: Deferred to RCRA

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	1/23/1996
RAT Code:	VS	AGT Order No.:	1500
RAT Short Name:	ARCH SITE	SH OU:	
RAT Name:	ARCHIVE SITE	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA In-House	RNPL Status Code:	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	Deferred to RCRA		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	5/8/1990
RAT Code:	DS	AGT Order No.:	10
RAT Short Name:	DISCVRY	SH OU:	
RAT Name:	DISCOVERY	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA Fund	RNPL Status Code:	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	Deferred to RCRA		

10	3 of 30	NNE	0.00 / 0.00	3.28 / 0	170 ALAMOANA BLVD HONOLULU HI 96813	ERNS
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NRC Report No:	983877	Latitude Degrees:	
Type of Incident:	UNKNOWN SHEEN	Latitude Minutes:	
Incident Cause:	UNKNOWN	Latitude Seconds:	
Incident Date:	26-Jul-2011 02:55:00	Longitude Degrees:	
Incident Location:	HONOLULU HARBOR	Longitude Minutes:	
Incident Dtg:	DISCOVERED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	HONOLULU	Location Township:	
Potential Flag:	No	Location Range:	
Year:	Year 2011 Reports		
Description of Incident:	CALLER REPORTED AN UNKNOWN SHEEN IN HONOLULU HARBOR.		

Material Spill Information

Chris Code:	OUN	Unit of Measure:	UNKNOWN AMOUNT
CAS No:	000000-00-0	If Reached Water:	YES
UN No:		Amount in Water:	0
Name of Material:	UNKNOWN OIL	Unit Reach Water:	UNKNOWN AMOUNT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Amount of Material: 0

Calls Information

Date Time Received:	26-Jul-2011 09:35:02	Responsible City:	
Date Time Complete:	26-Jul-2011 09:40:28	Responsible State:	XX
Call Type:	INC	Responsible Zip:	
Resp Company:		Source:	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	U
NPDES:		Airbag Deployed:	U
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	U
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	
Type of Fuel:		Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	
Railroad Milepost:		Brakeman Test:	
Grade Crossing:	U	Train Dispat Test:	
Crossing Device Ty:		Signalman Test:	
Ty Vehicle Involved:		Oth Employee Test:	
Device Operational:	U	Unknown Test:	

Incident Details Information

Release Secured:	U	State Agen Report No:	NONE
Release Rate:		State Agen on Scene:	NONE
Release Rate Unit:		State Agen Notified:	DEPARTMENT OF HEALTH, LEPC
Release Rate Rate:		Fed Agency Notified:	NONE
Est Duration of Rel:		Oth Agency Notified:	
Desc Remedial Act:	NONE	Body of Water:	HONOLULU HARBOR
Fire Involved:	N	Tributary of:	PACIFIC OCEAN
Fire Extinguished:	U	Near River Mile Make:	
Any Evacuations:	N	Near River Mile Mark:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
No Evacuated:					Offshore:	N
Who Evacuated:					Weather Conditions:	PARTLY CLOUDY
Radius of Evac:					Air Temperature:	78
Any Injuries:	N				Wind Direction:	
No. Injured:					Wind Speed:	
No. Hospitalized:					Wind Speed Unit:	
No. Fatalities:					Water Supp Contam:	U
Any Fatalities:	N				Water Temperature:	
Any Damages:	N				Wave Condition:	
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	
Waterway Close Time:					Passengers Transfer:	NO
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	30
Track Closed:	N				Sheen Size Length U:	FEET
Track Desc:					Sheen Size Width:	30
Track Closure Time:					Sheen Size Width U:	FEET
Track Closure Units:					Sheen Color:	SILVERY
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:	NONE				Sheen Odor Desc:	
Medium Desc:	WATER				Duration Unit:	
Addl Medium Info:	HONOLULU HARBOR				Additional Info:	CALLER HAD NO ADDITIONAL INFORMATION.

[10](#) 4 of 30 NNE 0.00 / 0.00 3.28 / 0 170 ALA MOANA BLVD PIER 7 HONOLULU HI 96814 ERNS

NRC Report No: 446453
Type of Incident: VESSEL
Incident Cause: UNKNOWN
Incident Date: 18-Jul-1998 05:15:00
Incident Location:
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Direction from City:
Location County: OAHU
Potential Flag:
Year: Year 1998 Reports
Description of Incident: M/V NAVAPEK HAS A SHEEN AROUND VESSEL

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: OUN
CAS No:
UN No:
Name of Material: UNKNOWN OIL
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: UNKNOWN AMOUNT

Calls Information

Date Time Received: 18-Jul-1998 12:18:44
Date Time Complete: 18-Jul-1998 12:24:28
Call Type: INC
Resp Company: M/V NAVAPEK
Resp Org Type: PRIVATE ENTERPRISE
Responsible City:
Responsible State: XX
Responsible Zip:
Source: UNAVAILABLE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Incident Information</u>						
Tank ID:					Building ID:	
Tank Regulated:	U				Location Area ID:	
Tank Regulated By:					Location Block ID:	
Capacity of Tank:					OCSG No:	
Capacity Tank Units:					OCSP No:	
Description of Tank:					State Lease No:	
Actual Amount:					Pier Dock No:	
Actual Amount Units:					Berth Slip No:	
Tank Above Ground:	ABOVE				Brake Failure:	N
NPDES:					Airbag Deployed:	
NPDES Compliance:	U				Transport Contain:	U
Init Contin Rel No:					Location Subdiv:	
Contin Rel Permit:					Platform Rig Name:	
Contin Release Type:					Platform Letter:	
Aircraft ID:					Allision:	N
Aircraft Runway No:					Type of Structure:	
Aircraft Spot No:					Structure Name:	
Aircraft Type:	UNKNOWN				Structure Oper:	Y
Aircraft Model:					Transit Bus Flag:	
Aircraft Fuel Cap:					Date Time Norm Serv:	
Aircraft Fuel Cap U:					Serv Disrupt Time:	
Aircraft Fuel on Brd:					Serv Disrupt Units:	
Aircraft Fuel OB U:					CR Begin Date:	
Aircraft Hanger:					CR End Date:	
Road Mile Marker:					CR Change Date:	
Power Gen Facility:	U				FBI Contact:	
Generating Capacity:					FBI Contact Dt Tm:	
Type of Fixed Obj:	UNKNOWN				Passenger Handling:	
Type of Fuel:					Passenger Route:	XXX
DOT Crossing No:					Passenger Delay:	XXX
DOT Regulated:	U				Sub Part C Test Req:	XXX
Pipeline Type:	UNKNOWN				Conductor Test:	
Pipeline Abv Ground:	ABOVE				Engineer Test:	
Pipeline Covered:	U				Trainman Test:	
Exposed Underwater:	U				Yard Foreman Test:	
Railroad Hotline:	No				RCL Operator Test:	
Railroad Milepost:	UNKNOWN				Brakeman Test:	
Grade Crossing:	N				Train Dispat Test:	
Crossing Device Ty:					Signalman Test:	
Ty Vehicle Involved:	UNKNOWN				Oth Employee Test:	
Device Operational:	Y				Unknown Test:	

Incident Details Information

Release Secured:	U				State Agen Report No:	
Release Rate:					State Agen on Scene:	
Release Rate Unit:					State Agen Notified:	
Release Rate Rate:					Fed Agency Notified:	
Est Duration of Rel:					Oth Agency Notified:	
Desc Remedial Act:	BOOMS				Body of Water:	
Fire Involved:	N				Tributary of:	
Fire Extinguished:	U				Near River Mile Make:	
Any Evacuations:	N				Near River Mile Mark:	
No Evacuated:					Offshore:	N
Who Evacuated:					Weather Conditions:	
Radius of Evac:					Air Temperature:	
Any Injuries:	U				Wind Direction:	
No. Injured:					Wind Speed:	
No. Hospitalized:					Wind Speed Unit:	
No. Fatalities:					Water Supp Contam:	U
Any Fatalities:	U				Water Temperature:	
Any Damages:	N				Wave Condition:	
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	N
Waterway Close Time:					Passengers Transfer:	UNK
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	
Track Closed:	N				Sheen Size Length U:	
Track Desc:					Sheen Size Width:	
Track Closure Time:					Sheen Size Width U:	
Track Closure Units:					Sheen Color:	
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:					Sheen Odor Desc:	
Medium Desc:	WATER				Duration Unit:	
Addl Medium Info:	HONOLULU HARBOR				Additional Info:	SHEEN SIZE:300 SQ FT / COLOR: BLUE PURPLEWX/UNKNOWN

[10](#) 5 of 30 **NNE** 0.00 / 0.00 3.28 / 0 **HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION** **RCRA CORRACTS**
170 ALA MOANA BOULEVARD
HONOLULU HI 96813

EPA Handler ID: HID000150680
Gen Status Universe: VSG
Contact Name: WARREN S HALL
Contact Address: PO BOX 2750 , AL15-JW , HONOLULU , HI, 96840 , US
Contact Phone No and Ext: 808-543-4524
Contact Email: WARREN.HALL@HAWAIIANELECTRIC.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20210514
Location Latitude: 21.305722
Location Longitude: -157.864111

Event/Area Details

Area Name:
Event Code: CA225NR
Corrective Action Event Descri: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date of Event: 19920316
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19920316
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name:
Event Code: CA029ST
Corrective Action Event Descri: LEAD AGENCY DETERMINATION
Actual Date of Event: 19900101
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19900101
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name:
Event Code: CA029EP
Corrective Action Event Descri: LEAD AGENCY DETERMINATION
Actual Date of Event: 19900430
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19900430
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name:
Event Code: CA049PA
Corrective Action Event Descri: PA OR CERCLA INSPECTION
Actual Date of Event: 19900430
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19900430
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA725YE
Corrective Action Event Descri: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event: 20100401
Orig Sched Event Date: 20100401
New Sched Event Date:
Best Date: 20100401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA075LO
Corrective Action Event Descri: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date of Event: 19900430
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19900430
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA900NC
Corrective Action Event Descri: CA PERFORMANCE STANDARDS ATTAINED - NO CONTROLS NECESSARY
Actual Date of Event: 20180928
Orig Sched Event Date: 20180928
New Sched Event Date:
Best Date: 20180928
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA550RC
Corrective Action Event Descri: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Actual Date of Event:		20121211				
Orig Sched Event Date:		20121211				
New Sched Event Date:						
Best Date:		20121211				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA750YE				
Corrective Action Event Descri:		RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE				
Actual Date of Event:		20121211				
Orig Sched Event Date:		20121211				
New Sched Event Date:						
Best Date:		20121211				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA075LO				
Corrective Action Event Descri:		CA PRIORITIZATION-LOW CA PRIORITY				
Actual Date of Event:		19920316				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		19920316				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA800YE				
Corrective Action Event Descri:		READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE				
Actual Date of Event:		20190328				
Orig Sched Event Date:		20190328				
New Sched Event Date:						
Best Date:		20190328				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		S				

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 262.34(a)(2)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20030318
Scheduled Compliance Date:
Return to Compliance: Unverifiable
Actual Return to Compl: 20040318
Violation Responsible Agency: EPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Details

Enforcement Type: 114
Enforcement Type Description:
Enforcement Action Date: 20030515
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20030731
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 114
Enforcement Type Description:
Enforcement Action Date: 20030528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 279.22(c)(1)
Violation Short Description: Used Oil - Generators
Violation Type: 279.C
Violation Determined Date: 20030318
Scheduled Compliance Date:
Return to Compliance: Unverifiable
Actual Return to Compl: 20040318
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 114
Enforcement Type Description:
Enforcement Action Date: 20030515
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 114
Enforcement Type Description:
Enforcement Action Date: 20030528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20030731				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
 <u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - Financial Requirements				
Violation Type:		264.H				
Violation Determined Date:		19860331				
Scheduled Compliance Date:		19860430				
Return to Compliance:		Observed				
Actual Return to Compl:		19860508				
Violation Responsible Agency:		EPA				
 <u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19860331				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
 <u>Evaluation Details</u>						
Evaluation Start Date:		20030318				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20040318				
Evaluation Agency:		EPA				
Evaluation Start Date:		20030318				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20040318				
Evaluation Agency:		EPA				
Evaluation Start Date:		19870313				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		EPA				
Evaluation Start Date:		19860915				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19860331				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:		TSD - Financial Requirements				
Return to Compliance Date:		19860508				
Evaluation Agency:		EPA				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Start Date: 19860213
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19850711
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19921015
Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930729
Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20030319
Handler Name: HONOLULU GENERATING STATION
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		1				
Receive Date:		20040226				
Handler Name:		HONOLULU GENERATING STATION				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D018				
Waste Code Description:		BENZENE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		P106				
Waste Code Description:		SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140417
Handler Name: HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20210514
Handler Name: HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: HAWAIIAN ELEC CO	Street 2:
Date Became Current: 18930101	City:
Date Ended Current:	State:
Phone:	Country: US
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: P.O. BOX 2750

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	HAWAIIAN ELECTRIC COMPANY, INC				Street 2:	
Date Became Current:	18930101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	96840
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 2750
Name:	HAWAIIAN ELECTRIC CO., INC.				Street 2:	
Date Became Current:					City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-548-7311				Country:	
Source Type:	Notification				Zip Code:	96840
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	PO BOX 2750
Name:	HAWAIIAN ELECTRIC CO., INC.				Street 2:	
Date Became Current:					City:	CITY NOT REPORTED
Date Ended Current:					State:	HI
Phone:	808-548-7311				Country:	
Source Type:	Implementer				Zip Code:	99999
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 2750
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-543-4524				Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	96840
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	PO BOX 2750
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-543-4524				Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	96840
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELEC CO				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 2750
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-543-4524				Country:	US
Source Type:	Notification				Zip Code:	96840

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Historical Handler Details

Receive Dt: 20140417
 Generator Code Description: Very Small Quantity Generator
 Handler Name: HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION

Receive Dt: 20040226
 Generator Code Description: Small Quantity Generator
 Handler Name: HONOLULU GENERATING STATION

Receive Dt: 20030319
 Generator Code Description: Small Quantity Generator
 Handler Name: HONOLULU GENERATING STATION

Receive Dt: 19930729
 Generator Code Description: Small Quantity Generator
 Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE

Receive Dt: 19921015
 Generator Code Description: Large Quantity Generator
 Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE

10	6 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION 170 ALA MOANA BOULEVARD HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HID000150680
 Gen Status Universe: VSG
 Contact Name: WARREN S HALL
 Contact Address: PO BOX 2750 , AL15-JW , HONOLULU , HI, 96840 , US
 Contact Phone No and Ext: 808-543-4524
 Contact Email: WARREN.HALL@HAWAIIANELECTRIC.COM
 Contact Country: US
 County Name: HONOLULU
 EPA Region: 09
 Land Type: Private
 Receive Date: 20210514
 Location Latitude: 21.305722
 Location Longitude: -157.864111

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
 Citation: FR - 40 CFR 262.34(a)(2)
 Violation Short Description: Generators - Pre-transport
 Violation Type: 262.C
 Violation Determined Date: 20030318
 Scheduled Compliance Date:
 Return to Compliance: Unverifiable
 Actual Return to Compl: 20040318
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 114

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Type Description:

Enforcement Action Date: 20030528

Enf Disposition Status:

Disposition Status Date:

Enforcement Lead Agency: EPA

Proposed Penalty Amount:

Final Amount:

Paid Amount:

Enforcement Type: 120

Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 20030731

Enf Disposition Status:

Disposition Status Date:

Enforcement Lead Agency: EPA

Proposed Penalty Amount:

Final Amount:

Paid Amount:

Enforcement Type: 114

Enforcement Type Description:

Enforcement Action Date: 20030515

Enf Disposition Status:

Disposition Status Date:

Enforcement Lead Agency: EPA

Proposed Penalty Amount:

Final Amount:

Paid Amount:

Violation Details

Found Violation: Yes

Citation: FR - 40 CFR 279.22(c)(1)

Violation Short Description: Used Oil - Generators

Violation Type: 279.C

Violation Determined Date: 20030318

Scheduled Compliance Date:

Return to Compliance: Unverifiable

Actual Return to Compl: 20040318

Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 114

Enforcement Type Description:

Enforcement Action Date: 20030515

Enf Disposition Status:

Disposition Status Date:

Enforcement Lead Agency: EPA

Proposed Penalty Amount:

Final Amount:

Paid Amount:

Enforcement Type: 114

Enforcement Type Description:

Enforcement Action Date: 20030528

Enf Disposition Status:

Disposition Status Date:

Enforcement Lead Agency: EPA

Proposed Penalty Amount:

Final Amount:

Paid Amount:

Enforcement Type: 120

Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 20030731

Enf Disposition Status:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - Financial Requirements
 Violation Type: 264.H
 Violation Determined Date: 19860331
 Scheduled Compliance Date: 19860430
 Return to Compliance: Observed
 Actual Return to Compl: 19860508
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19860331
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Evaluation Details

Evaluation Start Date: 20030318
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Violation Short Description: Used Oil - Generators
 Return to Compliance Date: 20040318
 Evaluation Agency: EPA

Evaluation Start Date: 20030318
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Violation Short Description: Generators - Pre-transport
 Return to Compliance Date: 20040318
 Evaluation Agency: EPA

Evaluation Start Date: 19870313
 Evaluation Type Description: FINANCIAL RECORD REVIEW
 Violation Short Description:
 Return to Compliance Date:
 Evaluation Agency: EPA

Evaluation Start Date: 19860915
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Violation Short Description:
 Return to Compliance Date:
 Evaluation Agency: State

Evaluation Start Date: 19860331
 Evaluation Type Description: FINANCIAL RECORD REVIEW
 Violation Short Description: TSD - Financial Requirements
 Return to Compliance Date: 19860508
 Evaluation Agency: EPA

Evaluation Start Date: 19860213
 Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
 Violation Short Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19850711
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19921015
Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930729
Handler Name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20030319
Handler Name: HONOLULU GENERATING STATION
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20040226
 Handler Name: HONOLULU GENERATING STATION
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator
 Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
 Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: D018
 Waste Code Description: BENZENE

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: P106
 Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20140417
 Handler Name: HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
 Waste Code Description: CADMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20210514
Handler Name: HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: HAWAIIAN ELECTRIC COMPANY, INC	Street 2:
Date Became Current: 18930101	City:
Date Ended Current:	State:
Phone:	Country: US
Source Type: Annual/Biennial Report	Zip Code:
Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1: PO BOX 2750
Name: HAWAIIAN ELECTRIC CO., INC.	Street 2:
Date Became Current:	City: CITY NOT REPORTED
Date Ended Current:	State: HI
Phone: 808-548-7311	Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	Implementer				Zip Code: 99999	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELEC CO				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country: US	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: PO BOX 2750	
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:	808-543-4524				Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code: 96840	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: PO BOX 2750	
Name:	HAWAIIAN ELECTRIC CO., INC.				Street 2:	
Date Became Current:					City: HONOLULU	
Date Ended Current:					State: HI	
Phone:	808-548-7311				Country:	
Source Type:	Notification				Zip Code: 96840	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: P.O. BOX 2750	
Name:	HAWAIIAN ELECTRIC COMPANY, INC				Street 2:	
Date Became Current:	18930101				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:					Country: US	
Source Type:	Annual/Biennial Report				Zip Code: 96840	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	HAWAIIAN ELEC CO				Street 2:	
Date Became Current:	18930101				City:	
Date Ended Current:					State:	
Phone:					Country: US	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: PO BOX 2750	
Name:	HAWAIIAN ELECTRIC COMPANY, INC.				Street 2:	
Date Became Current:	18930101				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:	808-543-4524				Country: US	
Source Type:	Notification				Zip Code: 96840	

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20140417				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		HAWAIIAN ELECTRIC - HONOLULU GENERATING STATION				
Receive Dt:		20040226				
Generator Code Description:		Small Quantity Generator				
Handler Name:		HONOLULU GENERATING STATION				
Receive Dt:		20030319				
Generator Code Description:		Small Quantity Generator				
Handler Name:		HONOLULU GENERATING STATION				
Receive Dt:		19930729				
Generator Code Description:		Small Quantity Generator				
Handler Name:		HAWAIIAN ELECTRIC CO HONOLULU GEN STE				
Receive Dt:		19921015				
Generator Code Description:		Large Quantity Generator				
Handler Name:		HAWAIIAN ELECTRIC CO HONOLULU GEN STE				

10	7 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION 170 ALA MOANA BLVD HONOLULU HI 96813	FINDS/FRS
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Registry ID: 110027161568
FIPS Code: 15003
HUC Code: 20060000
Site Type Name: FACILITY
Location Description: HICKAM AIR FORCE BASE BUILDING 1110 **Note: Many records provided by the department have a truncated [Location Description] field.

Supplemental Location:
Create Date: 30-OCT-06
Update Date: 10-AUG-22
Interest Types: AIR MAJOR, AIR PROGRAM, COMPLIANCE AND EMISSIONS REPORTING, CRITERIA AIR POLLUTANT MAJOR, ELECTRIC GENERATOR, ELECTRIC POWER GENERATOR (OIL BASED), ELECTRIC POWER GENERATOR (UNKNOWN/OTHER SOURCE), FORMAL ENFORCEMENT ACTION, GREENHOUSE GAS REPORTER, HAZARDOUS WASTE BIENNIAL REPORTER, ICIS-NPDES MAJOR, OSHA ESTABLISHMENT, STATE MASTER, STORM WATER INDUSTRIAL, TRI REPORTER, VSQ

SIC Codes: 4911
SIC Code Descriptions: ELECTRIC SERVICES
NAICS Codes: 221112, 221116, 221121
NAICS Code Descriptions: ELECTRIC BULK POWER TRANSMISSION AND CONTROL., FOSSIL FUEL ELECTRIC POWER GENERATION.
Conveyor: NPDES

Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001011
EPA Region Code: 09
County Name: HONOLULU
US/Mexico Border Ind:
Latitude: 21.305722
Longitude: -157.864111
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: GPS - UNSPECIFIED
Accuracy Value: 25
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110027161568
Data Source: Facility Registry Service - Single File
Program Acronyms:

AIR:HI0000001500300500, AIRS/AFS:1500300500, BR:HID000150680, CEDRI:CEDRI10004414, E-GGRT:1005886, EGRID:764, EIA-860:764, EIS:928811, EPS:EPS10039467, HI-EHW:4621, HI-EHW:4623, HI-EHW:4624, ICIS:8213, NPDES:HI0000027, OSHA-OIS:338326812, RCRAINFO:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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HID000150680, TRIS:96813HNLLG170AL

10	8 of 30	NNE	0.00 / 0.00	3.28 / 0	HECO Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	DELISTED SHWS
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Delisted HEER Sites of Interest

iHEER ID (Public iHEER): 2151
Site Name (Public iHEER): HECO Honolulu Generating Station
Street (Public iHEER): 170 Ala Moana Blvd
City (Public iHEER): Honolulu
County (Public iHEER): Honolulu
Zip Code (Public iHEER): 96813
State (Public iHEER): HI
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Updated on (Public iHEER): 2020-02-08T00:03:25.8630000
Island (Public iHEER): Oahu
Suppl Loc (Public iHEER): 170 Aloha Tower Drive
Assigned Rpm: lynn.bailey@doh.hawaii.gov
Is Public: TRUE
Aliases:
Msaccess ID:
Status Name:
Taxmap Keys:
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
Iheer ID (PORTAL):
Site Name (PORTAL):
Address (PORTAL):
County (PORTAL):
Status (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Priority (PORTAL):
Assigned Rpm (PORTAL):
Location Desc (PORTAL):
Island (PORTAL):
Details Url (PORTAL):
Data Source(s):
Original Source: SHWS
Record Date: 29-DEC-2021

10	9 of 30	NNE	0.00 / 0.00	3.28 / 0	HONOLULU GENERATING STATION 170 ALA MOANA BLVD Honolulu HI 96813	UST
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Facility ID (LUST):
Facility Name (LUST):
Street Address (LUST):
City (LUST):
State (LUST):
ZIP Code (LUST):
Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

Facility ID: 9-100961
Latitude:
Longitude:
Horiz. Ref. Datum:
Horiz. Coll. Method:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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UST Data Files

Tank ID:	R-01	Installed Date:	11/16/1968
Tank Status Desc:	Permanently Out of Use	Date Closed:	
Substance Desc:	Gasoline	Tank Capacity:	1000
Organization Formal Name:	HAWAIIAN ELECTRIC CO., INC.		
Organization Address:	P.O. BOX 2750		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

10	10 of 30	NNE	0.00 / 0.00	3.28 / 0	Mystery Sheen NRC 893840 170 Ala Moana Blvd Honolulu HI	SPILLS
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Case No:	20090102-0830	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	Mystery Sheen NRC 893840		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Mystery Sheen NRC 893840		
Organization:			
Supplemental Location:	Ocean Off of 170 Ala Moana Blvd		

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Liz Galvez	Numerical Qty:	0
Activity End Dt:	1/2/2009	Units:	Sheen
Activity Result:	SOSC NFA		
Substances:	Oil		

10	11 of 30	NNE	0.00 / 0.00	3.28 / 0	170 ALA MOANA BLVD. HONOLULU HI	ERNS
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NRC Report No:	1090865	Latitude Degrees:	
Type of Incident:	FIXED	Latitude Minutes:	
Incident Cause:	OTHER	Latitude Seconds:	
Incident Date:	25-Jul-2014 14:30:00	Longitude Degrees:	
Incident Location:	HONOLULU POWER PLANT	Longitude Minutes:	
Incident Dtg:	DISCOVERED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	HONOLULU	Location Township:	
Potential Flag:	No	Location Range:	
Year:	Year 2014 Reports		
Description of Incident:	THE CALLER IS REPORTING A RELEASE OF MERCURY INSIDE A POWER PLANT (ABANDONED ELECTRIC GENERATING UNIT). THE CALLER STATED THE MERCURY WAS DISCOVERED WHILE GOING THROUGH THE DEMOLITION PROCESS OF THE POWER PLANT WAS DISCOVERED ON DUST AND DEBRIS INSIDE THE PLANT. NO INJURIES OR EVACUATIONS REPORTED.		

Material Spill Information

Chris Code:	MCR	Unit of Measure:	OUNCE(S)
CAS No:	007439-97-6	If Reached Water:	NO
UN No:		Amount in Water:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name of Material: MERCURY
 Amount of Material: 1.5
 Unit Reach Water:

Calls Information

Date Time Received: 31-Jul-2014 17:42:28
 Date Time Complete: 31-Jul-2014 17:54:45
 Call Type: INC
 Resp Company: HAWAIIAN ELECTRIC
 Resp Org Type: PUBLIC UTILITY
 Responsible City: HONOLULU
 Responsible State: HI
 Responsible Zip:
 Source: TELEPHONE

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	U
NPDES:		Airbag Deployed:	U
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	U
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	Y	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:	POWER PLANT	Passenger Handling:	
Type of Fuel:	COMBUSTION	Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	
Railroad Milepost:		Brakeman Test:	
Grade Crossing:	U	Train Dispat Test:	
Crossing Device Ty:		Signalman Test:	
Ty Vehicle Involved:		Oth Employee Test:	
Device Operational:	U	Unknown Test:	

Incident Details Information

Release Secured: Y
 Release Rate:
 Release Rate Unit:
 Release Rate Rate:
 Est Duration of Rel:
 Desc Remedial Act: THE AREA WAS SECURED AND ON 28JUL2014 THE PRODUCT WAS CLEANED UP.
 Fire Involved: N
 State Agen Report No:
 State Agen on Scene:
 State Agen Notified: DEPT. HEALTH
 Fed Agency Notified:
 Oth Agency Notified:
 Body of Water:
 Tributary of:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fire Extinguished:	U				Near River Mile Make:	
Any Evacuations:	N				Near River Mile Mark:	
No Evacuated:					Offshore:	N
Who Evacuated:					Weather Conditions:	UNKNOWN
Radius of Evac:					Air Temperature:	
Any Injuries:	N				Wind Direction:	
No. Injured:					Wind Speed:	
No. Hospitalized:					Wind Speed Unit:	
No. Fatalities:					Water Supp Contam:	U
Any Fatalities:	N				Water Temperature:	
Any Damages:	N				Wave Condition:	
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	
Waterway Close Time:					Passengers Transfer:	NO
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	
Track Closed:	N				Sheen Size Length U:	
Track Desc:					Sheen Size Width:	
Track Closure Time:					Sheen Size Width U:	
Track Closure Units:					Sheen Color:	
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:	UNKNOWN				Sheen Odor Desc:	
Medium Desc:	OTHER				Duration Unit:	
Addl Medium Info:	/INSIDE FACILITY				Additional Info:	

10 12 of 30 **NNE** 0.00 / 0.00 3.28 / 0 **HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION 170 ALA MOANA BLVD HONOLULU HI 96813** **ICIS**

EPA Region: 110027161568 **Federal Fac ID:**
Registry ID: 8213 **Tribal Land Code:**
Pgm Sys ID: ICIS **County:** HONOLULU
Pgm Sys Acnrm: ICIS **Latitude 83:** 21.305722
Permit Type: **Longitude 83:** -157.86411099999998

Details

Interest Type: FORMAL ENFORCEMENT ACTION **Public Ind:** Y
Active Status: **FIPS Code:** 15003
Accuracy Value: 25 **HUC 8 Code:** 20060000
Pgm Report URL: no data yet **HUC 12:**
Federal Agency Name:
Federal Land Ind:
Fed Facility Code: N
Ref Point Desc: ENTRANCE POINT OF A FACILITY OR STATION
Collect Mth Desc: GPS - UNSPECIFIED
Fac URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110027161568
Program URL:

10 13 of 30 **NNE** 0.00 / 0.00 3.28 / 0 **HAWAIIAN ELECTRIC CO - HONOLULU 170 ALA MOANA BLVD HONOLULU HI 96803** **ICIS**

EPA Region: 09 **Federal Fac ID:**
Registry ID: 110027161568 **Tribal Land Code:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Pgm Sys ID:</i>	HI0000001500300500				<i>County:</i> Honolulu	
<i>Pgm Sys Acnm:</i>	AIR				<i>Latitude 83:</i> 21.305722	
<i>Permit Type:</i>					<i>Longitude 83:</i> -157.864111	

10	14 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO HONOLULU GEN STE 170 ALA MOANA BLVD HONOLULU HI 96813	SEMS ARCHIVE
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<i>Site ID:</i>	0900377	<i>FIPS Code:</i>	15003
<i>EPA ID:</i>	HID000150680	<i>Cong District:</i>	01
<i>Superfund Alte Agr:</i>	No	<i>Region:</i>	09
<i>Federal Facility:</i>	No	<i>County:</i>	HONOLULU
<i>FF Docket:</i>	No		
<i>NPL:</i>	Not on the NPL		
<i>Non NPL Status:</i>	Deferred to RCRA (Subtitle C)		

Action Information

<i>Operable Units:</i>	00	<i>Qual:</i>	
<i>Action Code:</i>	DS	<i>SEQ:</i>	1
<i>Action Name:</i>	DISCVRY	<i>FF:</i>	N
<i>Start Actual:</i>	05/08/1990	<i>FF Docket:</i>	N
<i>Finish Actual:</i>	05/08/1990	<i>Region:</i>	09
<i>Curr Action Lead:</i>	EPA Perf		

<i>Operable Units:</i>	00	<i>Qual:</i>	
<i>Action Code:</i>	VS	<i>SEQ:</i>	1
<i>Action Name:</i>	ARCH SITE	<i>FF:</i>	N
<i>Start Actual:</i>		<i>FF Docket:</i>	N
<i>Finish Actual:</i>	01/23/1996	<i>Region:</i>	09
<i>Curr Action Lead:</i>	EPA Perf In-Hse		

<i>Operable Units:</i>	00	<i>Qual:</i>	D
<i>Action Code:</i>	PA	<i>SEQ:</i>	1
<i>Action Name:</i>	PA	<i>FF:</i>	N
<i>Start Actual:</i>		<i>FF Docket:</i>	N
<i>Finish Actual:</i>	05/15/1990	<i>Region:</i>	09
<i>Curr Action Lead:</i>	EPA Perf		

10	15 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	INST
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<i>HID No:</i>	HID000150680	<i>Lead Agency:</i>	HEER
<i>Fac Registry ID:</i>	110000700064	<i>Project Manager:</i>	Unassigned
<i>Assessment:</i>	Response Not Necessary	<i>Document Date:</i>	
<i>Response:</i>		<i>Document No:</i>	
<i>Resp Act Complete:</i>		<i>Island:</i>	Oahu
<i>Potential Haz/Ctrls:</i>	Hazard Present	<i>Loc State USPS Cd:</i>	HI
<i>Date Issued:</i>		<i>Loc Zip Suffix:</i>	
<i>Priority:</i>	Low	<i>Latitude:</i>	21.306153
<i>Engineer Control:</i>		<i>Longitude:</i>	-157.864359
<i>Institutional Control:</i>			
<i>Supplemental Location:</i>			
<i>Within Design. Area Contam.:</i>	Honolulu Harbor Downtown Unit		
<i>SDAR Enviro Interest Name:</i>	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
<i>Program Full Name:</i>	State		
<i>Use Restrictions:</i>	Controls Required to Manage Contamination		
<i>Site Closure Document:</i>			
<i>Contact Information:</i>	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
<i>Nature of Contamination:</i>	Found: Heavy fuel oil - probably not migrating; no contact hazard due to soil; may be probable release to surface water - 3/7/1996		
<i>Nature of Residual Contam.:</i>			

Description of Restrictions:

Doc Subject:

Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: Additional coordinates.

Latitude: 21.305932

Longitude: -157.863652

Comments:

Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping: Additional coordinates.

Latitude: 21.328598

Longitude: -157.827823

Comments:

Contact Information:

Coordinate for Mapping: Yes

Latitude: 21.306153

Longitude: -157.864359

Comments: ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121014006

Acres from TMK: 121014006

Description of Portion:

Acres for Discontinued Tmks:

Estimate of Affected Acres:

Estimate of Affected Acres Co:

HEER Online - Details

ID: 2151

Island ID: 8

PK Sitelist ID: 347

Status: Unreviewed

Status Comment:

Status History:

Historical Records: false

Report Approved: false

Contamination Above: false

COPC Action Req'd: false

Contamination Risk: false

Is Removal Action: false

Controls Required: false

Is Loc Issued: false

Program History:

Is Public: true

Documents:

Lead Agency: HEER Office

Program: SRP

Priority: Unranked

Affiliate Organztns:

Name Chnge Hstry:

Cost Recovery Code:

Location Desc: 170 Ala Moana Blvd

State: HI

County Name: Honolulu

Island Name: Oahu

Island County Code: OA

Assigned Rpm:

HEER Online - Location

Locations ID: 1650

Location Type: SC

Comment:

Geometry: EPO; PrimaryTemp ; ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp ;

Centroid: POINT (-157.864 21.3062)

Incident ID:

Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Honolulu HI 96813

Case No:	20011024-1407	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:	584162	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Guzzler Hydraulic Fluid Spill		
Organization:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	10
Activity End Dt:		Units:	Gallons
Activity Result:			
Substances:	Hydraulic Fluid		

Geographic Information

Coordinate for Mapping:	FALSE
Latitude:	21.305932
Longitude:	-157.863652
Comments:	
Coordinate for Mapping:	TRUE
Latitude:	21.306153
Longitude:	-157.864359
Comments:	ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp
Coordinate for Mapping:	FALSE
Latitude:	21.328598
Longitude:	-157.827823
Comments:	

TMK Information

TMK: 121014006

<u>10</u>	17 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No:	20140731-1317	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:	1090865	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Mercury Spill at Honolulu Power Plant		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Organization: Hawaiian Electric Company (HECO)-Honolulu Generating Station
 Supplemental Location:

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Adam Teekell	Numerical Qty:	1.5
Activity End Dt:	7/31/2014	Units:	Ounces
Activity Result:	SOSC NFA		
Substances:	Mercury		

Geographic Information

Coordinate for Mapping: FALSE
 Latitude: 21.328598
 Longitude: -157.827823
 Comments:

Coordinate for Mapping: FALSE
 Latitude: 21.305932
 Longitude: -157.863652
 Comments:

Coordinate for Mapping: TRUE
 Latitude: 21.306153
 Longitude: -157.864359
 Comments: ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

TMK Information

TMK: 121014006

10	18 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No:	20041105-1850	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:	740589	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):	Ward Avenue Blown Transformer		
EP&R Envir Interest:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Paul Chong	Numerical Qty:	100
Activity End Dt:	11/9/2004	Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	Shell Diala Oil		

Geographic Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coordinate for Mapping:		FALSE				
Latitude:		21.305932				
Longitude:		-157.863652				
Comments:						
Coordinate for Mapping:		TRUE				
Latitude:		21.306153				
Longitude:		-157.864359				
Comments:		ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp				
Coordinate for Mapping:		FALSE				
Latitude:		21.328598				
Longitude:		-157.827823				
Comments:						
<u>TMK Information</u>						
TMK:		121014006				

10	19 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
Case No:	19960214-1545			Location Island:	Oahu	
Case No (EHA):				City:	Honolulu	
HID No:	HID000150680			Zip:	96813	
Fac Registry ID:	110000700064			Island Name (EHA):		
NRC Incident Reprt:				City (EHA):		
Lead and Program:	HEER EP&R			Zip Code (EHA):		
Coordinatn Needed:	No					
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station					
Address 1:	170 Ala Moana Blvd					
Address 2:						
Location (EHA):						
EP&R Envir Interest:	Honolulu Power Plant HECO Fuel oil storage tanks					
Organization:	Hawaiian Electric Company (HECO)-Honolulu Generating Station					
Supplemental Location:						

<u>Spill Information</u>						
Activity Type:	Response			Less/Greater than:		
Activity Lead:	Chris Takeno			Numerical Qty:	1000	
Activity End Dt:				Units:	Gallons	
Activity Result:	SOSC NFA					
Substances:	Fuel Oil #6					

<u>Geographic Information</u>						
Coordinate for Mapping:		FALSE				
Latitude:		21.328598				
Longitude:		-157.827823				
Comments:						
Coordinate for Mapping:		FALSE				
Latitude:		21.305932				
Longitude:		-157.863652				
Comments:						
Coordinate for Mapping:		TRUE				
Latitude:		21.306153				
Longitude:		-157.864359				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Comments: ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

TMK Information

TMK: 121014006

10	20 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No:	20040708-0700	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:	727615	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Honolulu Generating Station Seawater Intake		
Organization:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	<
Activity Lead:	Paul Chong	Numerical Qty:	1
Activity End Dt:	7/8/2004	Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	Oil Sheen		

Geographic Information

Coordinate for Mapping:	FALSE
Latitude:	21.328598
Longitude:	-157.827823
Comments:	
Coordinate for Mapping:	FALSE
Latitude:	21.305932
Longitude:	-157.863652
Comments:	
Coordinate for Mapping:	TRUE
Latitude:	21.306153
Longitude:	-157.864359
Comments:	ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

TMK Information

TMK: 121014006

10	21 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Case No:	19970218-1413	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Honolulu Generating Station		
Organization:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Terry Corpus	Numerical Qty:	50
Activity End Dt:		Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	Turbine Oil		

Geographic Information

Coordinate for Mapping:	TRUE
Latitude:	21.306153
Longitude:	-157.864359
Comments:	ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

Coordinate for Mapping:	FALSE
Latitude:	21.328598
Longitude:	-157.827823
Comments:	

Coordinate for Mapping:	FALSE
Latitude:	21.305932
Longitude:	-157.863652
Comments:	

TMK Information

TMK:	121014006
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10	22 of 30	NNE	0.00 / 0.00	3.28 / 0	Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No:	19980415-0845	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:	HID000150680	Zip:	96813
Fac Registry ID:	110000700064	Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Address 1:	170 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	HECO-Honolulu Gererating Station		
Organization:	Hawaiian Electric Company (HECO)-Honolulu Generating Station		
Supplemental Location:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Curtis Martin	Numerical Qty:	35
Activity End Dt:	1/31/2017	Units:	Gallons
Activity Result:	Closed Incomplete Documentation		
Substances:	Fuel Oil		

Geographic Information

Coordinate for Mapping:	TRUE
Latitude:	21.306153
Longitude:	-157.864359
Comments:	ARC_STREET: 170 Ala Moana Blvd XTRA_ADD: PrimaryTemp

Coordinate for Mapping:	FALSE
Latitude:	21.328598
Longitude:	-157.827823
Comments:	

Coordinate for Mapping:	FALSE
Latitude:	21.305932
Longitude:	-157.863652
Comments:	

TMK Information

TMK:	121014006
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10	23 of 30	NNE	0.00 / 0.00	3.28 / 0	HONOLULU GENERATING STATION 170 ALA MOANA BOULEVARD HONOLULU HI 96813	ICIS
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EPA Region:	09	Federal Fac ID:	
Registry ID:	110027161568	Tribal Land Code:	
Pgm Sys ID:	HI0000027	County:	Honolulu
Pgm Sys Acnm:	NPDES	Latitude 83:	21.305722
Permit Type:	NPDES Individual Permit	Longitude 83:	-157.864111

10	24 of 30	NNE	0.00 / 0.00	3.28 / 0	170 ALA MOANA BLVD HONOLULU HI 96813	ERNS
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NRC Report No:	1153511	Latitude Degrees:	
Type of Incident:	FIXED	Latitude Minutes:	
Incident Cause:	UNKNOWN	Latitude Seconds:	
Incident Date:	15-Jul-2016 12:00:00	Longitude Degrees:	
Incident Location:		Longitude Minutes:	
Incident Dtg:	OCCURRED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	HONOLULU	Location Township:	
Potential Flag:	No	Location Range:	
Year:	Year 2016 Reports		
Description of Incident:	CALLER IS REPORTING A RELEASE OF MINERAL OIL WITH PCB'S ONTO THE GROUND BENEATH A CONCRETE AND ASPHALT CAP AT A SUBSURFACE INVESTIGATION AT THE HISTORIC HONOLULU GENERATING SITE.		

Material Spill Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chris Code:	OMN				Unit of Measure:	UNKNOWN AMOUNT
CAS No:	000000-00-0				If Reached Water:	NO
UN No:					Amount in Water:	
Name of Material:	OIL, MISC: MINERAL				Unit Reach Water:	
Amount of Material:	0					
Chris Code:	PCB				Unit of Measure:	POUND(S)
CAS No:	000000-00-0				If Reached Water:	NO
UN No:					Amount in Water:	
Name of Material:	POLYCHLORINATED BIPHENYLS				Unit Reach Water:	
Amount of Material:	8					

Calls Information

Date Time Received:	15-Jul-2016 19:55:22	Responsible City:	HONOLULU
Date Time Complete:	15-Jul-2016 20:06:18	Responsible State:	HI
Call Type:	INC	Responsible Zip:	96840
Resp Company:	HAWIAN ELECTRIC CO	Source:	TELEPHONE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	U
NPDES:		Airbag Deployed:	U
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	U
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	Y	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:	POWER PLANT	Passenger Handling:	
Type of Fuel:	COMBUSTION	Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	
Railroad Milepost:		Brakeman Test:	
Grade Crossing:	U	Train Dispat Test:	
Crossing Device Ty:		Signalman Test:	
Ty Vehicle Involved:		Oth Employee Test:	
Device Operational:	U	Unknown Test:	

Incident Details Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release Secured:	Y				State Agen Report No:	
Release Rate:					State Agen on Scene:	
Release Rate Unit:					State Agen Notified:	DEPT OF HEALTH, PLANNING COMM
Release Rate Rate:					Fed Agency Notified:	
Est Duration of Rel:					Oth Agency Notified:	
Desc Remedial Act:	INVESTIGATION TO DELINEATE IS ONGOING, DETERMINING THE APPROPRIATE ACTION PLAN.				Body of Water:	
Fire Involved:	N				Tributary of:	
Fire Extinguished:	U				Near River Mile Make:	
Any Evacuations:	N				Near River Mile Mark:	
No Evacuated:					Offshore:	N
Who Evacuated:					Weather Conditions:	
Radius of Evac:					Air Temperature:	
Any Injuries:	N				Wind Direction:	
No. Injured:					Wind Speed:	
No. Hospitalized:					Wind Speed Unit:	
No. Fatalities:					Water Supp Contam:	U
Any Fatalities:	N				Water Temperature:	
Any Damages:	N				Wave Condition:	
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	
Waterway Close Time:					Passengers Transfer:	NO
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	
Track Closed:	N				Sheen Size Length U:	
Track Desc:					Sheen Size Width:	
Track Closure Time:					Sheen Size Width U:	
Track Closure Units:					Sheen Color:	
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:	NONE				Sheen Odor Desc:	
Medium Desc:	SUBSURFACE				Duration Unit:	
Addl Medium Info:					Additional Info:	THE HAWAIIAN PALACE HAD ELECTRICITY BEFORE THE WHITE HOUSE IN THE LATE 1800'S.

10 25 of 30 **NNE** 0.00 / 0.00 3.28 / 0 170 Ala Moana Boulevard, Honolulu, HI **SPILLS**
Honolulu HI

Case No:		Location Island:	
Case No (EHA):	20160321-1015	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	170 Ala Moana Boulevard, Honolulu, HI		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status: Referred Is Drill: false

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Incident Substances:					Is Fugitive Dumpin:	
Prim Media Impactd:	Soil				Is Notificat Valid:	Unknown
Reported On:	2016-03-21T20:15:00.0000000				Is Rprt Noteworthy:	false
Actual Release On:					Is RMP:	
Followup Recvd On:	2016-04-22T10:00:00.0000000				Is Tier Two Facili:	
Closed On:					Affiliated Org:	
Coordinatn Needed:	Referred				Caller is Anonym:	false
Water Body:					Caller Name:	
BC St Incident Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	
Is Cost Rcovery:						
Release Name:		Hawaiian Electric Honolulu Power Plant				
Location:		170 Ala Moana Boulevard, Honolulu, HI				
Assigned SOSC:		elizabeth.galvez@doh.hawaii.gov				
NRC Incident Rpt No:		1153511				
Release Duration:						
Notified Agencies:						
Response Measure Taken:						
BC State Activity:						
Invoice To:						
Status Comment:		SDAR				
Summary:						

Discovery of petroleum-impacted soil at nine feet below ground surface where above-ground storage tanks were located. No impacts to groundwater or to surrounding areas. 7/15/2016 Dave Martin called to update incident. PCB's were later detected, and after delineating lateral and vertical migration, the RQ was exceeded. The source is unknown.

iHEER System - Location Information

Site ID:	
Location Type:	RA
Description:	
Geometry:	POLYGON ((-157.86361946078071 21.306396529995173, -157.86352290125711 21.306431514336641, -157.86351485463388 21.306439010979911, -157.86339147301484 21.306294075804871, -157.86334855767302 21.306121652737581, -157.86338610859937 21.306056681674175, -157.86342902394122 21.306056681674175, -157.86351217242611 21.306059180561412, -157.86351753684161 21.306076672773347, -157.86365432949935 21.306174129344846, -157.86366505833928 21.306259091430668, -157.86363555403616 21.306294075804871, -157.86361946078071 21.306396529995173))
Centroid:	POINT (-157.86350693407238 21.306231818385733)

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20160321-1015	Actual Amount Unit:	
Substance ID:		Potential Amount:	Unknown
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	8.30 Pounds	Category:	Chemical
Reported Amt Unit:		Description:	
Name:	Polychlorinated biphenyls		
Incident:		Actual Amount:	
Case No:	20160321-1015	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Total Spilled:					Recovered:	
Spilled Water:					Unk Volume Spilled:	
Spilled Soil:					Is BC State:	
Reported Amount:					Category:	Oil
Reported Amt Unit:					Description:	
Name:	Oil					

iHEER System - Documents

Document No:	673	Type:	30-Day Follow-up
Date:	Apr 20, 2016	Imported From:	
Title:	30day follow-up - 20160321-1015		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/673/download		

10	26 of 30	NNE	0.00 / 0.00	3.28 / 0	HONOLULU GENERATING STATION 170 Ala Moana Boulevard Honolulu HI 96813	HWM
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Site ID:	4621	Latitude:	21.306686
Longitude:	-157.863327		

Detail Information

EI ID:	HID000150680
EI Description:	HWM - Used Oil Activities
NFA Date:	
Initial Investigation:	Apr 17 2014

Detail Information

EI ID:	HID000150680
EI Description:	HWM - Small Quantity Generator
NFA Date:	
Initial Investigation:	Feb 26 2004

Detail Information

EI ID:	HID000150680
EI Description:	HWM - Conditionally Exempt Small Quantity Generator
NFA Date:	
Initial Investigation:	Apr 17 2014

Evaluations Information

Violations Found:	No	Evaluation Notes:	
Evaluation Date:	07-11-1985	Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection	Evaluation Program:	RCRAInfo
Evaluation Type:	Compliance Evaluation Inspection	Evaluation Source:	RCRA

Violations Found:	No	Evaluation Notes:	
Evaluation Date:	03-13-1987	Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection	Evaluation Program:	RCRAInfo
Evaluation Type:	Financial Record Review	Evaluation Source:	RCRA

Violations Found:	Yes	Evaluation Notes:	
Evaluation Date:	03-31-1986	Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection	Evaluation Program:	RCRAInfo
Evaluation Type:	Financial Record Review	Evaluation Source:	RCRA

Violations Found:	No	Evaluation Notes:	
Evaluation Date:	02-13-1986	Evaluation Division:	Solid and Hazardous Waste Branch

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Gen Type:	Inspection				Evaluation Program:	RCRAInfo
Evaluation Type:	Compliance Schedule Evaluation				Evaluation Source:	RCRA
Violations Found:	No				Evaluation Notes:	
Evaluation Date:	09-15-1986				Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection				Evaluation Program:	RCRAInfo
Evaluation Type:	Compliance Evaluation Inspection				Evaluation Source:	RCRA
Violations Found:	Yes				Evaluation Notes:	
Evaluation Date:	03-18-2003				Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection				Evaluation Program:	RCRAInfo
Evaluation Type:	Compliance Evaluation Inspection				Evaluation Source:	RCRA

Enforcement Information

Enforce Action Date:	03-31-1986				Enforce Action Divis:	Solid and Hazardous Waste Branch
Enforce Act Gen Ty:	State Administrative Action (Informal)				Enforce Action Prog:	RCRAInfo
Enforce Action Type:	Warning Letter				Enforce Action Src:	RCRA
Enforce Action Notes:						
Enforce Action Date:	07-31-2003				Enforce Action Divis:	Solid and Hazardous Waste Branch
Enforce Act Gen Ty:	State Administrative Action (Informal)				Enforce Action Prog:	RCRAInfo
Enforce Action Type:	Warning Letter				Enforce Action Src:	RCRA
Enforce Action Notes:						

Affiliations Information

Affiliation Type Desc:	Administrative Contact				State:	HI
Entity Name:	WARREN HALL				Country:	
Entity Title:	SR. ENV. SCIENTIST				Zip Code:	96840
Address:	PO BOX 2750 (CP6-JW)				Phone:	(808) - 54
City:	HONOLULU					
Affiliation Type Desc:	Administrative Contact				State:	
Entity Name:	DONN FUKUDA				Country:	
Entity Title:					Zip Code:	
Address:					Phone:	(808) 543-4525
City:						
Affiliation Type Desc:	Operator				State:	
Entity Name:	HAWAIIAN ELECTRIC COMPANY, INC				Country:	US
Entity Title:					Zip Code:	
Address:					Phone:	
City:						
Affiliation Type Desc:	Owner				State:	HI
Entity Name:	HAWAIIAN ELECTRIC COMPANY, INC				Country:	US
Entity Title:					Zip Code:	96840
Address:	P.O. BOX 2750				Phone:	
City:	HONOLULU					
Affiliation Type Desc:	Administrative Contact				State:	
Entity Name:	Donn Fukuda				Country:	
Entity Title:					Zip Code:	
Address:					Phone:	(808) 543-4525
City:						
Affiliation Type Desc:	Owner				State:	HI
Entity Name:	Hawaiian Electric Company, Inc.				Country:	
Entity Title:					Zip Code:	96840
Address:	PO BOX 2750				Phone:	(808) 543-4524
City:	HONOLULU					
Affiliation Type Desc:	Operator				State:	
Entity Name:	Hawaiian Electric Company, Inc.				Country:	
Entity Title:					Zip Code:	
Address:					Phone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City:						
10	27 of 30	NNE	0.00 / 0.00	3.28 / 0	HECO Honolulu Power Plant 170 Ala Moana Blvd Honolulu HI 96813	DELISTED SHWS

Delisted HEER Sites of Interest

iHEER ID (Public iHEER): 2824
Site Name (Public iHEER): HECO Honolulu Power Plant
Street (Public iHEER): 170 Ala Moana Blvd
City (Public iHEER): Honolulu
County (Public iHEER): Honolulu
Zip Code (Public iHEER): 96813
State (Public iHEER): HI
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Updated on (Public iHEER): 2019-07-23T21:14:16.2300000
Island (Public iHEER): Oahu
Suppl Loc (Public iHEER):
Assigned Rpm: lynn.bailey@doh.hawaii.gov
Is Public: TRUE
Aliases:
Msaccess ID:
Status Name:
Taxmap Keys:
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
Iheer ID (PORTAL):
Site Name (PORTAL):
Address (PORTAL):
County (PORTAL):
Status (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Priority (PORTAL):
Assigned Rpm (PORTAL):
Location Desc (PORTAL):
Island (PORTAL):
Details Url (PORTAL):
Data Source(s):
Original Source: SHWS
Record Date: 29-DEC-2021

10	28 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION 170 ALA MOANA BLVD HONOLULU HI 96813	TRIS
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TRI FD: 96813HNLLG170AL
FRS ID: 110027161568
BIA:
Tribe:
Facility Name: HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION
Street Address: 170 ALA MOANA BLVD
City: HONOLULU
County: HONOLULU
State: HI
Zip: 96813
Latitude: 21.305722
Longitude: -157.864111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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1999 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007664939	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	29000.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	29000.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	29000.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

2000 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.100000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.100000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.100000		
One Time Release:			

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

2001 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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On Site Release Total: 0.000000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 0.000000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.100000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000

Chemical: Polycyclic aromatic compounds
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 0.100000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 0.100000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

2002 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Benzo[g,h,i]perylene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:	0.000000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.000000					
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
191-24-2						
PFAS:						
NO						
PBT:						
YES						
TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	N590				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.200000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Polycyclic aromatic compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:	0.200000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.200000					
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
N590						
PFAS:						
NO						
PBT:						
YES						
TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cas No Compound ID:	N150				Underground C II-V:	0.000000
Classification:	Dioxin				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.100000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	0.100000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.100000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0007664939				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	32000.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	32000.000000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	32000.000000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NO

2003 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.015000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.015000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.015000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.100000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.100000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.100000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.110000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.110000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.110000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

2004 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.270000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.270000		
Off Site Release Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Off Site Recycled Total: 0.000000
 Total Releases: 0.270000
 One Time Release:

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.150000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.150000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.150000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007664939	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	40000.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 40000.000000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 40000.000000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.037000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000

Chemical: Benzo[g,h,i]perylene
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 0.037000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 0.037000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

2005 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.260000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Polycyclic aromatic compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:		0.260000				
Off Site Release Total:		0.010000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.270000				
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	N150				Underground C II-V:	0.000000
Classification:	Dioxin				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.140000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Dioxin and dioxin-like compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:		0.140000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.140000				
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0007664939				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	34000.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	34000.000000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	34000.000000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000191242				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.035000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	0.035000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.035000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PBT:

YES

2006 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.110000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.110000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.110000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007664939	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	33000.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	33000.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	33000.000000		
One Time Release:			

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.210000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.210000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.210000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.028000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.028000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Total Releases: 0.028000
 One Time Release:

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

2007 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.130000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.130000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.130000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.032000	Other Surface I:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Water:	0.000000				Other Disposal:	0.000000
Chemical:		Benzo[g,h,i]perylene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:	0.032000					
Off Site Release Total:	0.013000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.045000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL		Underground:	0.000000
Federal Facility:	NO		Underground CL I:	0.000000
Cas No Compound ID:	N590		Underground C II-V:	0.000000
Classification:	PBT		Landfills:	0.000000
Primary SIC:			RCRA C Landfill:	0.000000
Primary NAICS:	221112		Other Landfills:	0.000000
Metal:	NO		Land Treatment:	0.000000
Carcinogen:	YES		Surface Impdmnt:	0.000000
Fugitive Air:	0.000000		RCRA Surface IM:	0.000000
Stack Air:	0.240000		Other Surface I:	0.000000
Water:	0.000000		Other Disposal:	0.000000
Chemical:		Polycyclic aromatic compounds		
Industry Sector Code:		2211		
Industry Sector:		Electric Utilities		
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.240000			
Off Site Release Total:	1.200000			
Off Site Recycled Total:	0.000000			
Total Releases:	1.440000			
One Time Release:				

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL		Underground:	0.000000
Federal Facility:	NO		Underground CL I:	0.000000
Cas No Compound ID:	0007664939		Underground C II-V:	0.000000
Classification:	TRI		Landfills:	0.000000
Primary SIC:			RCRA C Landfill:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impdmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	31000.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	31000.000000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	31000.000000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

2008 Details

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	N590				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impdmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	1.300000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	1.300000					
Off Site Release Total:	0.340000					
Off Site Recycled Total:	0.000000					
Total Releases:	1.640000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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YES

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0007664939				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	27000.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	27000.000000					
Off Site Release Total:	0.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	27000.000000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000191242				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.027000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene					
Industry Sector Code:	2211					
Industry Sector:	Electric Utilities					
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC					
On Site Release Total:	0.027000					
Off Site Release Total:	0.003700					
Off Site Recycled Total:	0.000000					
Total Releases:	0.030700					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.091000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.091000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.091000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

2009 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.029000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.029000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.029000		
One Time Release:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007664939	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	31000.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	31000.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	31000.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

7664-93-9

PFAS:

NO

PBT:

NO

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.100000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.100000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 0.100000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	1.700000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000

Chemical: Polycyclic aromatic compounds
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 1.700000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 1.700000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

2010 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.100000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Polycyclic aromatic compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:	0.100000					
Off Site Release Total:	6.000000					
Off Site Recycled Total:	0.000000					
Total Releases:	6.100000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000191242				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impdmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Benzo[g,h,i]perylene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:	0.000000					
Off Site Release Total:	0.100000					
Off Site Recycled Total:	0.000000					
Total Releases:	0.100000					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

2011 Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000191242				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impdmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Benzo[g,h,i]perylene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:		0.000000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.000000				
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	N590				Underground C II-V:	0.000000
Classification:	PBT				Landfills:	0.000000
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impdmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.100000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Polycyclic aromatic compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:		0.100000				
Off Site Release Total:		0.500000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.600000				
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PBT:

YES

2012 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.000000		
Off Site Release Total:	1.100000		
Off Site Recycled Total:	0.000000		
Total Releases:	1.100000		
One Time Release:			

Horizontal Datum:

NAD83

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CAS No:

N590

PFAS:

NO

PBT:

YES

2013 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	HAWAIIAN ELECTRIC INDUSTRIES INC		
On Site Release Total:	0.000000		
Off Site Release Total:	56.800000		
Off Site Recycled Total:	0.000000		
Total Releases:	56.800000		
One Time Release:	40.000000		

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzo[g,h,i]perylene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 0.000000
Off Site Release Total: 0.630000
Off Site Recycled Total: 0.000000
Total Releases: 0.630000
One Time Release:

0.430000

Horizontal Datum:

NAD83

CAS No:

191-24-2

PFAS:

NO

PBT:

YES

2014 Details

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impdmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000

Chemical: Polycyclic aromatic compounds
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: HAWAIIAN ELECTRIC INDUSTRIES INC
On Site Release Total: 0.000000
Off Site Release Total: 3.000000
Off Site Recycled Total: 0.000000
Total Releases: 3.000000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	96813HNLLG170AL	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000191242	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Primary SIC:					RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Benzo[g,h,i]perylene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		HAWAIIAN ELECTRIC INDUSTRIES INC				
On Site Release Total:		0.000000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.000000				
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
191-24-2						
PFAS:						
NO						
PBT:						
YES						

10	29 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION 170 ALA MOANA BLVD HONOLULU HI	FRP
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Facility ID:		Latitude83:	21.305722
Pgm Sys ID:	R9-HI-00019	Longitude83:	-157.864111
Facility Name (FOIA):			
Street Address (FOIA):			
Street Address 2 (FOIA):			
City (FOIA):			
State (FOIA):			
Postal Code (FOIA):			
Facility Name (REST):	HAWAIIAN ELECTRIC CO INC HONOLULU GENERATING STATION		
Street Address (REST):	170 ALA MOANA BLVD		
City (REST):	HONOLULU		
County (REST):	HONOLULU		
State Code (REST):	HI		
Postal Code (REST):	96813		
Source:	Facility Response Plan EPA Map Services		

REST Detail

Registry ID:	110027161568	FIPS Code:	15003
Interest Type:	FRP	HUC8 Code:	20060000
PGM Sys Acronym:	OIL	Public Ind:	Y
PGM Report:	no data yet	Program Ur:	
Active Sta:	Y	X:	-17573352.4511
Accuracy V:	25	Y:	2428370.2278
Collect Mt:	GPS - UNSPECIFIED		
Ref Point :	ENTRANCE POINT OF A FACILITY OR STATION		
Fac URL:	http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110027161568		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	30 of 30	NNE	0.00 / 0.00	3.28 / 0	HAWAIIAN ELECTRIC CO - HONOLULU 170 ALA MOANA BLVD HONOLULU HI 96803	AFS

Afs ID:	1500300500	Fed Reportable:	Yes
Plant ID:	65959	Current Hpv:	
Epa Region:	09	Loc Contrl Region:	00
Plant County:	Honolulu	Afs Gov Fac Code:	0
State No:	15	Operating Status:	O
Primary Sic Code:	4911	Epa Class Code:	A
Secondary Sic Code:		Epa Complian Stat:	3
Naics Code:	221112	State Comp Status:	3
Afs Gov Facility Des:	PRIVATELY OWNED/OPERATED		
Operating Status Def:	Operating		
Epa Classification Des:	Actual or potential emissions are above the applicable major source thresholds.		
Epa Compliance Status:	In Compliance - Inspection		
State Compliance Status:	In Compliance - Inspection		

Actions

Plant ID:	65959	National Actn Type:	TR
Anu1:	64	All Air Prog Codes:	V
Date Achieved:	20120229	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120507	Violating Poll Cds:	
Creation Date:	20120507	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD		
All Air Program Def:	V-Title V Permits		
Result Def:	STACK TEST PASSED		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	4	All Air Prog Codes:	0
Date Achieved:	19800128	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	43	All Air Prog Codes:	V
Date Achieved:	20070403	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20070403	Violating Poll Cds:	
Creation Date:	20070403	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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All Air Program Def: V-Title V Permits
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	6	All Air Prog Codes:	0
Date Achieved:	19820318	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	8	All Air Prog Codes:	0
Date Achieved:	19840306	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	40	All Air Prog Codes:	V
Date Achieved:	20060320	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20060517	Violating Poll Cds:	
Creation Date:	20060517	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	26	All Air Prog Codes:	0
Date Achieved:	20000314	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20010802	Violating Poll Cds:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Creation Date:
Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	3	All Air Prog Codes:	0
Date Achieved:	19790123	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	32	All Air Prog Codes:	V
Date Achieved:	20040220	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040518	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:	2		
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	7	All Air Prog Codes:	0
Date Achieved:	19830218	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	SR
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Anu1:	46				All Air Prog Codes:	V
Date Achieved:	20070110				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20070713				Violating Poll Cds:	
Creation Date:	20070713				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	18				All Air Prog Codes:	0
Date Achieved:	19910618				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19950223				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	1A
Anu1:	1				All Air Prog Codes:	0
Date Achieved:	19770929				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19950223				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		EPA INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	SR
Anu1:	61				All Air Prog Codes:	V
Date Achieved:	20110301				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20110830				Violating Poll Cds:	
Creation Date:	20110830				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	36	All Air Prog Codes:	V
Date Achieved:	20060321	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20060321	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	30	All Air Prog Codes:	V
Date Achieved:	20030304	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20030630	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:	2		
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	33	All Air Prog Codes:	V
Date Achieved:	20040220	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040518	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:	2		
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	48	All Air Prog Codes:	V
Date Achieved:	20080221	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20080731	Violating Poll Cds:	
Creation Date:	20080731	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	9	All Air Prog Codes:	0
Date Achieved:	19850125	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	68	All Air Prog Codes:	V
Date Achieved:	20130227	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20130612	Violating Poll Cds:	
Creation Date:	20130612	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	52	All Air Prog Codes:	V
Date Achieved:	20090218	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20090709	Violating Poll Cds:	
Creation Date:	20090709	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	55	All Air Prog Codes:	V
Date Achieved:	20100302	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20100325	Violating Poll Cds:	
Creation Date:	20100325	Violation Type Cds:	
Key Action No:			
Regional Data Element:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	23	All Air Prog Codes:	0
Date Achieved:	19970928	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19980918	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	24	All Air Prog Codes:	0
Date Achieved:	19980331	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19990929	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	47	All Air Prog Codes:	V
Date Achieved:	20080401	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20080429	Violating Poll Cds:	
Creation Date:	20080429	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	17	All Air Prog Codes:	0
Date Achieved:	19910118	Result Code:	25
Penalty Amount:	0	Pollutant Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Record Updated Dt: 19950223
Creation Date:
Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID: 65959
Anu1: 50
Date Achieved: 20080121
Penalty Amount: 0
Record Updated Dt: 20080731
Creation Date: 20080731
Key Action No:
Regional Data Element:
National Action Desc: TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID: 65959
Anu1: 2
Date Achieved: 19780125
Penalty Amount: 0
Record Updated Dt: 19950223
Creation Date:
Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID: 65959
Anu1: 62
Date Achieved: 20110823
Penalty Amount: 0
Record Updated Dt: 20110913
Creation Date: 20110913
Key Action No:
Regional Data Element:
National Action Desc: EPA FCE/ON-SITE
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def:
Pollutant Def: Particulate Matter < 10 Um
All Violating Poll Def:
All Violation Type Def:

Actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Plant ID:	65959				National Actn Type:	FS
Anu1:	44				All Air Prog Codes:	V
Date Achieved:	20070110				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20070713				Violating Poll Cds:	
Creation Date:	20070713				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE CONDUCTED FCE/ON-SITE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	21				All Air Prog Codes:	0
Date Achieved:	19950315				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19960927				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	20				All Air Prog Codes:	0
Date Achieved:	19930303				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19950705				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	27				All Air Prog Codes:	0, V
Date Achieved:	20010221				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20030520				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source; V-Title V Permits				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	42	All Air Prog Codes:	V
Date Achieved:	20060320	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20060517	Violating Poll Cds:	
Creation Date:	20060517	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	34	All Air Prog Codes:	V
Date Achieved:	20040406	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20050627	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	5	All Air Prog Codes:	0
Date Achieved:	19810113	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	58	All Air Prog Codes:	V
Date Achieved:	20100504	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20100626	Violating Poll Cds:	
Creation Date:	20100626	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		
All Air Program Def:	V-Title V Permits		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Result Def:
 Pollutant Def:
 All Violating Poll Def:
 All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	65	All Air Prog Codes:	V
Date Achieved:	20120229	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120507	Violating Poll Cds:	
Creation Date:	20120507	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	22	All Air Prog Codes:	0
Date Achieved:	19960325	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19971001	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	16	All Air Prog Codes:	0
Date Achieved:	19900201	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	CC
Anu1:	51	All Air Prog Codes:	V
Date Achieved:	20090331	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20090414	Violating Poll Cds:	
Creation Date:	20090414	Violation Type Cds:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Key Action No:
Regional Data Element:
National Action Desc: TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA
All Air Program Def: V-Title V Permits
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	59	All Air Prog Codes:	V
Date Achieved:	20110301	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20110830	Violating Poll Cds:	
Creation Date:	20110830	Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	69	All Air Prog Codes:	V
Date Achieved:	20140121	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140823	Violating Poll Cds:	
Creation Date:	20140823	Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	31	All Air Prog Codes:	V
Date Achieved:	20030327	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040518	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	11	All Air Prog Codes:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date Achieved:	19860124				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19950223				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	25				All Air Prog Codes:	0
Date Achieved:	19990325				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19990929				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:		2				
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	SR
Anu1:	54				All Air Prog Codes:	V
Date Achieved:	20090218				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20090709				Violating Poll Cds:	
Creation Date:	20090709				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	5C
Anu1:	19				All Air Prog Codes:	0
Date Achieved:	19920220				Result Code:	25
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19950223				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER				
All Air Program Def:		0-SIP Source				
Result Def:						
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Actions

Plant ID:	65959				National Actn Type:	FS
Anu1:	66				All Air Prog Codes:	V
Date Achieved:	20130227				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20130612				Violating Poll Cds:	
Creation Date:	20130612				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE CONDUCTED FCE/ON-SITE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	FS
Anu1:	37				All Air Prog Codes:	V
Date Achieved:	20060216				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20060601				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		STATE CONDUCTED FCE/ON-SITE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	SR
Anu1:	71				All Air Prog Codes:	V
Date Achieved:	20140121				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20140823				Violating Poll Cds:	
Creation Date:	20140823				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	65959				National Actn Type:	SR
Anu1:	29				All Air Prog Codes:	V
Date Achieved:	20020326				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20030520				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:		6				
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE				
All Air Program Def:		V-Title V Permits				
Result Def:		IN COMPLIANCE				
Pollutant Def:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	28	All Air Prog Codes:	V
Date Achieved:	20020115	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20030520	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:	6		
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	13	All Air Prog Codes:	0
Date Achieved:	19880308	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	12	All Air Prog Codes:	0
Date Achieved:	19870319	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	15	All Air Prog Codes:	0
Date Achieved:	19890302	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	65959	National Actn Type:	5C
Anu1:	10	All Air Prog Codes:	0
Date Achieved:	19850416	Result Code:	25
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19950223	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	39	All Air Prog Codes:	V
Date Achieved:	20050216	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20050624	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	SR
Anu1:	57	All Air Prog Codes:	V
Date Achieved:	20100302	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20100325	Violating Poll Cds:	
Creation Date:	20100325	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	65959	National Actn Type:	FS
Anu1:	63	All Air Prog Codes:	V
Date Achieved:	20120229	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Record Updated Dt: 20120507 **Violating Poll Cds:**
Creation Date: 20120507 **Violation Type Cds:**
Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Historical Compliance - Air Program Level

Air Program Code: 0
Air Program Code Ref: SIP Source
Historical Compliance Date: 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status: 3
Historical Compliance Stat Ref: In Compliance - Inspection

Historical Compliance - Air Program Level

Air Program Code: V
Air Program Code Ref: Title V Permits
Historical Compliance Date: 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status: 3
Historical Compliance Stat Ref: In Compliance - Inspection

Air Program

Plant ID: 65959	Poll Classificatn: B
Air Program Code: 0	Poll Compli Status: 3
Air Program Status: O	Epa Class Code: A
Pollutant Code: PT	Epa Compli Status: 3

Chemical Abstract Service Nmbr:
Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Actual or potential emissions are above the applicable major source thresholds.
Epa Compliance Status Ref: In Compliance - Inspection
Pollutant Code Ref:
Pollutant Classification Ref: Potential uncontrolled emissions <100 tons/year
Pollutant Complian Status Ref: In Compliance - Inspection

Air Program

Plant ID: 65959	Poll Classificatn: A
Air Program Code: 0	Poll Compli Status: 3
Air Program Status: O	Epa Class Code: A
Pollutant Code: ADMIN	Epa Compli Status: 3

Chemical Abstract Service Nmbr:
Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Actual or potential emissions are above the applicable major source thresholds.
Epa Compliance Status Ref: In Compliance - Inspection
Pollutant Code Ref:
Pollutant Classification Ref: Actual or potential emissions are above the applicable major source thresholds.
Pollutant Complian Status Ref: In Compliance - Inspection

Air Program

Plant ID:	65959				Poll Classificatn:	A
Air Program Code:	0				Poll Compli Status:	3
Air Program Status:	O				Epa Class Code:	A
Pollutant Code:	NO2				Epa Compli Status:	3
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Epa Compliance Status Ref:		In Compliance - Inspection				
Pollutant Code Ref:						
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Pollutant Complian Status Ref:		In Compliance - Inspection				

Air Program

Plant ID:	65959				Poll Classificatn:	A
Air Program Code:	0				Poll Compli Status:	3
Air Program Status:	O				Epa Class Code:	A
Pollutant Code:	SO2				Epa Compli Status:	3
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Epa Compliance Status Ref:		In Compliance - Inspection				
Pollutant Code Ref:						
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Pollutant Complian Status Ref:		In Compliance - Inspection				

Air Program

Plant ID:	65959				Poll Classificatn:	A
Air Program Code:	V				Poll Compli Status:	3
Air Program Status:	O				Epa Class Code:	A
Pollutant Code:	FACIL				Epa Compli Status:	3
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		Title V Permits				
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Epa Compliance Status Ref:		In Compliance - Inspection				
Pollutant Code Ref:						
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Pollutant Complian Status Ref:		In Compliance - Inspection				

Air Program

Plant ID:	65959				Poll Classificatn:	B
Air Program Code:	0				Poll Compli Status:	3
Air Program Status:	O				Epa Class Code:	A
Pollutant Code:	HC				Epa Compli Status:	3
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Epa Compliance Status Ref:		In Compliance - Inspection				
Pollutant Code Ref:						
Pollutant Classification Ref:		Potential uncontrolled emissions <100 tons/year				
Pollutant Complian Status Ref:		In Compliance - Inspection				

Air Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Plant ID:	65959				Poll Classificatn:	B
Air Program Code:	0				Poll Compli Status:	3
Air Program Status:	0				Epa Class Code:	A
Pollutant Code:	VOC				Epa Compli Status:	3
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.				
Epa Compliance Status Ref:		In Compliance - Inspection				
Pollutant Code Ref:						
Pollutant Classification Ref:		Potential uncontrolled emissions <100 tons/year				
Pollutant Complian Status Ref:		In Compliance - Inspection				

11 1 of 1 **SSW** 0.00 / 0.00 0.00 / -3 **HONOAPILANI HIGHWAY SHORELINE PROTECTION FOR TSUNAMI DAMAGE IN UKUMEHAME** **FINDS/FRS**

HI

Registry ID: 110055390410
FIPS Code:
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 23-JUL-13
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: HI-EHW
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001016
EPA Region Code: 09
County Name:
US/Mexico Border Ind:
Latitude: 21.303611
Longitude: -157.864722
Reference Point:
Coord Collection Method: UNKNOWN
Accuracy Value: 99998
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055390410
Data Source: Facility Registry Service - Single File
Program Acronyms:

HI-EHW:4545

12 1 of 1 **S** 0.00 / 0.00 0.00 / -3 **Dock V5, Pearl Harbor Honolulu HI** **SPILLS**

Case No:
Case No (EHA): 20160208-0654
HID No:
Fac Registry ID:
NRC Incident Reprt:

Location Island:
City:
Zip:
Island Name (EHA): Oahu
City (EHA): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead and Program:
Coordinatn Needed:
Facility Site Name:
Address 1:
Address 2:
Location (EHA): Dock V5, Pearl Harbor
EP&R Envir Interest:
Organization:
Supplemental Location:

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	true
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2016-02-08T16:54:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:	2016-02-06T19:45:00.0000000	Is RMP:	false
Followup Recvd On:		Is Tier Two Facili:	false
Closed On:	2016-02-08T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rcovery:	false		
Release Name:	Weathered oil sheen		
Location:	Dock V5, Pearl Harbor		
Assigned SOSOC:	elizabeth.galvez@doh.hawaii.gov		
NRC Incident Rpt No:	1139932		
Release Duration:			
Notified Agencies:			
Response Measure Taken:			
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

Weathered oil sheen on the water outside of the boom around a ship.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Weathered Sheen
Geometry:	POINT (-157.864655 21.303589000000002)
Centroid:	POINT (-157.864655 21.303589000000002)

iHEER System - Substance Information

Incident:		Actual Amount:	Sheen
Case No:	20160208-0654	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	Sheen	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oil		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 1	NNE	0.00 / 0.00	3.28 / 0	181 ALAMOANA BLVD HI	ERNS

NRC Report No:	641724	Latitude Degrees:	
Type of Incident:	VESSEL	Latitude Minutes:	
Incident Cause:	OTHER	Latitude Seconds:	
Incident Date:	09-Apr-2003 10:10:00	Longitude Degrees:	
Incident Location:		Longitude Minutes:	
Incident Dtg:	OCCURRED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	OAHU	Location Township:	
Potential Flag:		Location Range:	
Year:	Year 2003 Reports		
Description of Incident:	CALLER IS REPORTING MATERIAL RELEASED FROM A STORAGE TANK ON A VESSEL DUE TO OVERFILLING.		

Material Spill Information

Chris Code:	OTH	Unit of Measure:	GALLON(S)
CAS No:	000000-00-0	If Reached Water:	YES
UN No:		Amount in Water:	20
Name of Material:	OTHER OIL	Unit Reach Water:	GALLON(S)
Amount of Material:	20		

Calls Information

Date Time Received:	09-Apr-2003 16:16:13	Responsible City:	
Date Time Complete:	09-Apr-2003 16:21:14	Responsible State:	HI
Call Type:	INC	Responsible Zip:	
Resp Company:	PACIFIC CRUISES	Source:	TELEPHONE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	N
NPDES:		Airbag Deployed:	
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	N
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type of Fuel:					Passenger Route:	XXX
DOT Crossing No:					Passenger Delay:	XXX
DOT Regulated:	U				Sub Part C Test Req:	XXX
Pipeline Type:					Conductor Test:	
Pipeline Abv Ground:	ABOVE				Engineer Test:	
Pipeline Covered:	U				Trainman Test:	
Exposed Underwater:	N				Yard Foreman Test:	
Railroad Hotline:					RCL Operator Test:	
Railroad Milepost:					Brakeman Test:	
Grade Crossing:	N				Train Dispat Test:	
Crossing Device Ty:					Signalman Test:	
Ty Vehicle Involved:					Oth Employee Test:	
Device Operational:	Y				Unknown Test:	
<u>Incident Details Information</u>						
Release Secured:	Y				State Agen Report No:	
Release Rate:					State Agen on Scene:	
Release Rate Unit:					State Agen Notified:	
Release Rate Rate:					Fed Agency Notified:	
Est Duration of Rel:	3				Oth Agency Notified:	
Desc Remedial Act:	BOOMS APPLIED, ABSORBENTS APPLIED, MATERIAL CONTAINED, CLEAN UP UNDERWAY, CONTRACTOR HAS BEEN HIRED (PENCO)				Body of Water:	HONOLULU HARBOR
Fire Involved:	N				Tributary of:	
Fire Extinguished:	U				Near River Mile Make:	
Any Evacuations:	N				Near River Mile Mark:	
No Evacuated:					Offshore:	N
Who Evacuated:					Weather Conditions:	CLEAR
Radius of Evac:					Air Temperature:	82
Any Injuries:	N				Wind Direction:	
No. Injured:					Wind Speed:	
No. Hospitalized:					Wind Speed Unit:	
No. Fatalities:					Water Supp Contam:	N
Any Fatalities:	N				Water Temperature:	
Any Damages:	N				Wave Condition:	0 CALM
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	N
Waterway Close Time:					Passengers Transfer:	UNK
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	30
Track Closed:	N				Sheen Size Length U:	FEET
Track Desc:					Sheen Size Width:	10
Track Closure Time:					Sheen Size Width U:	FEET
Track Closure Units:					Sheen Color:	RAINBOW
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:	NONE				Sheen Odor Desc:	
Medium Desc:	WATER				Duration Unit:	MINUTE
Addl Medium Info:	HONOLULU HARBOR				Additional Info:	CALLER WILL NOTIFY USCG AND HEALTH DEPT.

14 1 of 1 SSE 0.00 / 4.77 3.28 / 0 ISLAND PACIFIC ACADEMY (ACADEMEX PRIVATE SCHOOL) FINDS/FRS

HI

Registry ID: 110055393970
FIPS Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
HUC Code:		20060000				
Site Type Name:		STATIONARY				
Location Description:						
Supplemental Location:						
Create Date:		23-JUL-13				
Update Date:						
Interest Types:		STATE MASTER				
SIC Codes:						
SIC Code Descriptions:						
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:		HI-EHW				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:						
Census Block Code:		150030039001012				
EPA Region Code:		09				
County Name:						
US/Mexico Border Ind:						
Latitude:		21.303611				
Longitude:		-157.863611				
Reference Point:						
Coord Collection Method:		UNKNOWN				
Accuracy Value:		99998				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055393970				
Data Source:		Facility Registry Service - Single File				
Program Acronyms:						

HI-EHW:5119

15	1 of 1	NNE	0.00 / 5.22	3.28 / 0	Nimitz Highway Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20200821-0955	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Nimitz Highway		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Groundwater	Is Notificat Valid:	Unknown
Reported On:	2020-08-21T19:55:18.2970000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2021-11-06T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Site Visit	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rcovery:						
Release Name:		HART Phase II HECO Honolulu Power Plant				
Location:		Nimitz Highway				
Assigned SOSOC:		elizabeth.galvez@doh.hawaii.gov				
NRC Incident Rpt No:						
Release Duration:						
Notified Agencies:						
Response Measure Taken:						
BC State Activity:						
Invoice To:						
Status Comment:		Provide a copy to SDAR				
Summary:						

Borings indicate contaminated soil below groundwater, table, at depths eight to nine feet. Source is believed to be from the former HECO Honolulu Power Plant. Samples to be provided by initial screen Upon my request, split samples were collected and provided for an initial analytical screen. Results obtained today from our lab indicate that the samples are of a hydrocarbon fraction, appears to be aged, with carbon ranging from C10 – C30 and the bulk between C14 – C25.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	
Geometry:	POINT (-157.86377900000002 21.306796999999992)
Centroid:	POINT (-157.86377900000002 21.306796999999992)

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20200821-0955	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	Oil
Reported Amount:		Category:	
Reported Amt Unit:		Description:	
Name:	Turbine Oil		

iHEER System - Documents

Document No:	181387	Type:	30-Day Follow-up
Date:	Sep 24, 2020	Imported From:	
Title:	20200821-0955 Written Follow-up		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/181387/download		

iHEER System - Documents

Document No:	181388	Type:	Supporting Data/Media
Date:	Aug 21, 2020	Imported From:	
Title:	20200821-0955		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/181388/download		

**79 S. NIMITZ HIGHWAY
HONOLULU HI 96813**

Site ID: 1846 **Latitude:** 21.308487
Longitude: -157.864609

Detail Information

EI ID: HID982510158
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Jun 21 2016

Detail Information

EI ID: HID982510158
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Oct 26 1989

Affiliations Information

Affiliation Type Desc: Owner **State:** HI
Entity Name: DOT HARBORS DIVISION **Country:** US
Entity Title: **Zip Code:** 96813
Address: 79 S. NIMITZ HIGHWAY **Phone:** (808) 587-1976
City: HONOLULU

Affiliation Type Desc: Operator **State:** ME
Entity Name: NOT REQUIRED **Country:** ME
Entity Title: **Zip Code:** 99999
Address: NOT REQUIRED **Phone:** (415) 555-1212
City: NOT REQUIRED

Affiliation Type Desc: Owner **State:** ME
Entity Name: D O T HARBORS DIVISION **Country:** ME
Entity Title: **Zip Code:** 99999
Address: NOT REQUIRED **Phone:** (415) 555-1212
City: NOT REQUIRED

Affiliation Type Desc: Administrative Contact **State:** HI
Entity Name: MICHELE FREITAS **Country:** US
Entity Title: ENVIRONMENTAL HEALTH SPECIALIST **Zip Code:** 96813
Address: 79 S. NIMITZ HIGHWAY **Phone:** (808) 587-1976
City: HONOLULU

Affiliation Type Desc: Operator **State:** HI
Entity Name: DOT - HARBORS DIVISION **Country:** US
Entity Title: **Zip Code:** 96813
Address: 79 S. NIMITZ HIGHWAY **Phone:** (808) 587-1976
City: HONOLULU

Affiliation Type Desc: Administrative Contact **State:** HI
Entity Name: ENVIRONMENTAL MANAGER **Country:** US
Entity Title: **Zip Code:** 96813
Address: 79 SOUTH NIMITZ HIGHWAY **Phone:** (808) 245-6996
City: HONOLULU

17 1 of 4 **NNE** 0.01 / 29.53 3.28 / 0 **181 ALA MOANA BLVD, PIER 7A HONOLULU HI** **ERNS**

NRC Report No: 782772 **Latitude Degrees:**
Type of Incident: VESSEL **Latitude Minutes:**
Incident Cause: UNKNOWN **Latitude Seconds:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Incident Date:	17-Dec-2005 08:05:00				Longitude Degrees:	
Incident Location:					Longitude Minutes:	
Incident Dtg:	DISCOVERED				Longitude Seconds:	
Distance from City:					Lat Quad:	
Distance Units:					Long Quad:	
Direction from City:					Location Section:	
Location County:	OAHU				Location Township:	
Potential Flag:					Location Range:	
Year:	Year 2005 Reports					
Description of Incident:	AN EMERGENCY GENERATOR APPEARS TO HAVE OVERFLOWED MATERIALS INTO HONOLULU HARBOR.					

Material Spill Information

Chris Code:	ODS	Unit of Measure:	PINT(S)
CAS No:	000000-00-0	If Reached Water:	YES
UN No:		Amount in Water:	1
Name of Material:	OIL: DIESEL	Unit Reach Water:	PINT(S)
Amount of Material:	1		

Calls Information

Date Time Received:	17-Dec-2005 13:27:45	Responsible City:	HONOLULU
Date Time Complete:	17-Dec-2005 13:33:25	Responsible State:	HI
Call Type:	INC	Responsible Zip:	
Resp Company:	KULAMANU	Source:	TELEPHONE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	N
NPDES:		Airbag Deployed:	
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	N
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	
Type of Fuel:		Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Railroad Milepost: Grade Crossing: N Crossing Device Ty: Ty Vehicle Involved: Device Operational: Y				Brakeman Test: Train Dispat Test: Signalman Test: Oth Employee Test: Unknown Test:		
<u>Incident Details Information</u>						
Release Secured: Y Release Rate: Release Rate Unit: Release Rate Rate: Est Duration of Rel: Desc Remedial Act: MATERIAL CONTAINED, BOOMS AND ABSORBENTS APPLIED				State Agen Report No: State Agen on Scene: State Agen Notified: Fed Agency Notified: Oth Agency Notified: Body of Water: HONOLULU HARBOR		
Fire Involved: N Fire Extinguished: U Any Evacuations: N No Evacuated: Who Evacuated: Radius of Evac: Any Injuries: N No. Injured: No. Hospitalized: No. Fatalities: Any Fatalities: N Any Damages: N Damage Amount: Air Corridor Closed: N Air Corridor Desc: Air Closure Time: Waterway Closed: N Waterway Desc: Waterway Close Time: Road Closed: N Road Desc: Road Closure Time: Road Closure Units: Closure Direction: Major Artery: No Track Closed: N Track Desc: Track Closure Time: Track Closure Units: Track Close Dir: Media Interest: NONE Medium Desc: WATER Addl Medium Info: HONOLULU HARBOR				Tributary of: Near River Mile Make: Near River Mile Mark: Offshore: N Weather Conditions: SUNNY Air Temperature: 70 Wind Direction: Wind Speed: 5 Wind Speed Unit: MPH Water Supp Contam: N Water Temperature: Wave Condition: Current Speed: Current Direction: Current Speed Unit: EMPL Fatality: Pass Fatality: Community Impact: N Passengers Transfer: NO Passenger Injuries: Employee Injuries: Occupant Fatality: Sheen Size: Sheen Size Units: Sheen Size Length: 10 Sheen Size Length U: FEET Sheen Size Width: 4 Sheen Size Width U: FEET Sheen Color: RAINBOW Dir of Sheen Travel: Sheen Odor Desc: Duration Unit: Additional Info: THE CALLER WILL NOTIFY THE WQIF.		

<u>17</u>	2 of 4	NNE	0.01 / 29.53	3.28 / 0	PACIFIC CRUISES 181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000133231
Gen Status Universe: No Report
Contact Name:
Contact Address: ALA MOANA BLVD PIER 7A , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20030124
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20021108
Handler Name: PACIFIC CRUISES
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20030124
Handler Name: PACIFIC CRUISES
Source Type: Implementer
Federal Waste Generator Code:
Generator Code Description:

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No: 181
Type: Private	Street 1: ALA MOANA BLVD PIER 7A
Name: OPERATOR	Street 2:
Date Became Current: 20030124	City: HONOLULU
Date Ended Current:	State: HI
Phone:	Country: US
Source Type: Implementer	Zip Code: 96813

Owner/Operator Ind: Current Owner	Street No: 181
Type: Private	Street 1: ALA MOANA BLVD PIER 7A
Name: OWNER	Street 2:
Date Became Current: 20030124	City: HONOLULU
Date Ended Current:	State: HI
Phone:	Country: US
Source Type: Implementer	Zip Code: 96813

Historical Handler Details

Receive Dt: 20021108

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Code Description: Not a Generator, Verified
 Handler Name: PACIFIC CRUISES

17	3 of 4	NNE	0.01 / 29.53	3.28 / 0	PACIFIC CRUISES 181 ALA MOANA BLVD PIER 7A HONOLULU HI 96813	FINDS/FRS
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Registry ID: 110013387076
 FIPS Code: 15003
 HUC Code: 20060000
 Site Type Name: STATIONARY
 Location Description:
 Supplemental Location:
 Create Date: 23-DEC-02
 Update Date: 26-JAN-12
 Interest Types: UNSPECIFIED UNIVERSE
 SIC Codes:
 SIC Code Descriptions:
 NAICS Codes:
 NAICS Code Descriptions:
 Conveyor: FRS-GEOCODE
 Federal Facility Code:
 Federal Agency Name:
 Tribal Land Code:
 Tribal Land Name:
 Congressional Dist No:
 Census Block Code: 150030040002017
 EPA Region Code: 09
 County Name: HONOLULU
 US/Mexico Border Ind:
 Latitude: 21.306924
 Longitude: -157.863709
 Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
 Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
 Accuracy Value: 50
 Datum: NAD83
 Source:
 Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110013387076
 Data Source: Facility Registry Service - Single File
 Program Acronyms:

RCRAINFO:HIR000133231

17	4 of 4	NNE	0.01 / 29.53	3.28 / 0	Pacific Cruises 181 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No: 20030409-1016
 Case No (EHA):
 HID No:
 Fac Registry ID:
 NRC Incident Reprt: 641724
 Lead and Program: HEER EP&R
 Coordinatn Needed: No
 Facility Site Name: Pacific Cruises
 Address 1: 181 Ala Moana Blvd
 Address 2:
 Location (EHA):
 EP&R Envir Interest: Pacific Cruises
 Organization: Pacific Cruises
 Supplemental Location: Honolulu Harbor Pier 07

Location Island: Oahu
 City: Honolulu
 Zip: 96813
 Island Name (EHA):
 City (EHA):
 Zip Code (EHA):

Spill Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Activity Type:		Response			Less/Greater than:	
Activity Lead:		Terry Corpus			Numerical Qty:	
Activity End Dt:					Units:	
Activity Result:		SOSC NFA				
Substances:		Oil, Waste				

18	1 of 1	SSE	0.01 / 36.37	2.58 / -1	REHABILITATION OF STREET, IDIQ4, JOB NO. 15-01 MULTIPLE STREETS ON OAHU (EWA, AIEA, SALT LAKE, HO HONOLULU HI 96813	FINDS/FRS
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Registry ID: 110067436965
FIPS Code: 15003
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 02-APR-16
Update Date: 05-JUL-16
Interest Types: ICIS-NPDES NON-MAJOR, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001012
EPA Region Code: 09
County Name: HONOLULU COUNTY
US/Mexico Border Ind:
Latitude: 21.303522
Longitude: -157.863631
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110067436965
Data Source: Facility Registry Service - Single File
Program Acronyms:

HI-EHW:15593, NPDES:HIF011117

19	1 of 1	SSE	0.01 / 36.44	0.26 / -3	Honolulu Harbor, Pier 4 Honolulu HI	SPILLS
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Case No:
Case No (EHA): 20181207-0809
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program:
Coordinatn Needed:
Facility Site Name:
Address 1:
Address 2:
Location (EHA): Honolulu Harbor, Pier 4
EP&R Envir Interest:
Organization:

Location Island:
City:
Zip:
Island Name (EHA): Oahu
City (EHA): Honolulu
Zip Code (EHA):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Supplemental Location:

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Incident Substances:		Is Fugitive Dumpin:	true
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2018-12-07T18:09:40.8330000	Is Rprt Noteworthy:	false
Actual Release On:	2018-12-07T17:46:00.0000000	Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2018-12-07T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Incident Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rcovery:			
Release Name:	Unknown Sheen from an Unknow Source by Pier 4		
Location:	Honolulu Harbor, Pier 4		
Assigned SOSOC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:	1232298		
Release Duration:			
Notified Agencies:	USCG,HIDOT-HARBOR		
Response Measure Taken:	Sheen was thought to be from street run off and was not recoverable.		
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

An unknown sheen from an unknown source was discovered by pier 4 in Honolulu Harbor. DOT harbors went to investigate and determined it was probably from street run-off.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Unknown Sheen
Geometry:	POINT (-157.863828 21.303505999999995)
Centroid:	POINT (-157.863828 21.303505999999995)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20181207-0809	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	Sheen	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Unknown		

20	1 of 1	SSE	0.01 / 43.78	2.67 / -1	INTERSTATE ROUTE H-1 EASTBOUND, VINEYARD BOULEVARD ON-RAMP, LUSITANA STREET CONN INTERSECTION OF VINEYARD BOULEVARD ON-RAMP (TO H-1)	FINDS/FRS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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HONOLULU HI 96813

Registry ID: 110064860663
FIPS Code:
HUC Code: 20060000
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-OCT-15
Update Date: 10-NOV-15
Interest Types: ICIS-NPDES NON-MAJOR, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code: 150030039001016
EPA Region Code: 09
County Name: HONOLULU COUNTY
US/Mexico Border Ind:
Latitude: 21.3035
Longitude: -157.86365
Reference Point: POINT WHERE SUBSTANCE IS RELEASED
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110064860663
Data Source: Facility Registry Service - Single File
Program Acronyms:

HI-EHW:15393, NPDES:HIF010950

21	1 of 1	N	0.01 / 59.93	3.28 / 0	PEARL HARBOR HICKAM 648 BISHOP POINT HONOLULU HI	ERNS
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NRC Report No: 1348097
Type of Incident: VESSEL
Incident Cause: EQUIPMENT FAILURE
Incident Date: 9/23/2022 11:35
Incident Location:
Incident Dtg: OCCURRED
Distance from City:
Distance Units:
Direction from City:
Location County: HONOLULU
Potential Flag: No
Year: Year 2022 Reports
Description of Incident: THE CALLER IS REPORTING A RELEASE OF HYDRAULIC OIL INTO THE PEARL HARBOR CHANNEL FROM THE STERN HYDRAULIC SYSTEM. THE CAUSE OF THE INCIDENT WAS DUE TO A HYDRAULIC LEVER FAILURE.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Calls Information

Date Time Received: 23-Sep-2022 18:19:00	Responsible City: HONOLULU
Date Time Complete: 23-Sep-2022 18:31:00	Responsible State: HI
Call Type: INC	Responsible Zip:
Resp Company: 163RD TRANSPORTATION 8TH STB	Source: TELEPHONE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Resp Org Type: MILITARY

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSP No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	U
NPDES:		Airbag Deployed:	U
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	U
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	
Type of Fuel:		Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	
Railroad Milepost:		Brakeman Test:	
Grade Crossing:	U	Train Dispat Test:	
Crossing Device Ty:		Signalman Test:	
Ty Vehicle Involved:		Oth Employee Test:	
Device Operational:	U	Unknown Test:	

Incident Details Information

Release Secured:	Y	State Agen Report No:	
Release Rate:		State Agen on Scene:	
Release Rate Unit:		State Agen Notified:	PORT AUTHORITY
Release Rate Rate:		Fed Agency Notified:	
Est Duration of Rel:		Oth Agency Notified:	
Desc Remedial Act:	BOOMS APPLIED, ABSORBENTS APPLIED, MATERIAL CONTAINED, DISSIPATE NATURALLY, REPAIRS MADE, CLEAN UP UNDERWAY	Body of Water:	PEARL HARBOR CHANNEL
Fire Involved:	N	Tributary of:	PACIFIC OCEAN
Fire Extinguished:	U	Near River Mile Make:	
Any Evacuations:	N	Near River Mile Mark:	
No Evacuated:		Offshore:	N
Who Evacuated:		Weather Conditions:	SUNNY
Radius of Evac:		Air Temperature:	
Any Injuries:	N	Wind Direction:	
No. Injured:		Wind Speed:	
No. Hospitalized:		Wind Speed Unit:	
No. Fatalities:		Water Supp Contam:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Any Fatalities:	N				Water Temperature:	
Any Damages:	N				Wave Condition:	
Damage Amount:					Current Speed:	
Air Corridor Closed:	N				Current Direction:	
Air Corridor Desc:					Current Speed Unit:	
Air Closure Time:					EMPL Fatality:	
Waterway Closed:	N				Pass Fatality:	
Waterway Desc:					Community Impact:	
Waterway Close Time:					Passengers Transfer:	NO
Road Closed:	N				Passenger Injuries:	
Road Desc:					Employee Injuries:	
Road Closure Time:					Occupant Fatality:	
Road Closure Units:					Sheen Size:	
Closure Direction:					Sheen Size Units:	
Major Artery:	No				Sheen Size Length:	10
Track Closed:	N				Sheen Size Length U:	FEET
Track Desc:					Sheen Size Width:	20
Track Closure Time:					Sheen Size Width U:	FEET
Track Closure Units:					Sheen Color:	BARELY DISCERNIBLE
Track Close Dir:					Dir of Sheen Travel:	
Media Interest:	NONE				Sheen Odor Desc:	
Medium Desc:	WATER				Duration Unit:	
Addl Medium Info:	PEARL HARBOR CHANNEL				Additional Info:	

[22](#) 1 of2 NNE 0.01 / 66.66 3.28 / 0 HECO Pipeline Bishop Street and Nimitz Highway Bishop St & Nimitz Hwy Honolulu HI SPILLS

Case No: 19901114- Location Island: Oahu
Case No (EHA): HID No: City: Honolulu
Fac Registry ID: 110013792119 Island Name (EHA):
NRC Incident Reprt: City (EHA):
Lead and Program: HEER EP&R Zip Code (EHA):
Coordinatn Needed:
Facility Site Name: HECO Pipeline Bishop Street and Nimitz Highway
Address 1: Bishop St & Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Nimitz Hwy & Bishop St, corner of
Organization: Hawaiian Electric Co., Inc. (HECO)
Supplemental Location:

Spill Information

Activity Type: Response Less/Greater than:
Activity Lead: Numerical Qty:
Activity End Dt: Units:
Activity Result: SOSC NFA
Substances: OIL,DIESEL

[22](#) 2 of2 NNE 0.01 / 66.66 3.28 / 0 Bishop Street and South Nimitz Hwy Honolulu HI SPILLS

Case No: Location Island:
Case No (EHA): 20230406-0903 City:
HID No: Zip:
Fac Registry ID: Island Name (EHA): Oahu
NRC Incident Reprt: City (EHA): Honolulu
Lead and Program: Zip Code (EHA):
Coordinatn Needed:
Facility Site Name:
Address 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address 2:
 Location (EHA): Bishop Street and South Nimitz Hwy
 EP&R Envir Interest:
 Organization:
 Supplemental Location:

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Soil	Is Notificat Valid:	No
Reported On:	2023-04-06T19:03:06.4430000	Is Rprt Noteworthy:	false
Actual Release On:	2023-04-06T08:30:00.0000000	Is RMP:	
Followup Recvd On:	2023-05-15T00:00:00.0000000	Is Tier Two Facili:	
Closed On:	2023-07-03T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Off-scene	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	HART Contractor Removing Abandoned Fuel Line Release		
Location:	Bishop Street and South Nimitz Hwy		
Assigned SOSOC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:			
Release Duration:			
Notified Agencies:	HIDOT-HIGHWAY		
Response Measure Taken:	The line was capped and the contaminated soil was excavated and stockpiled.		
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

A HART contractor release an estimated 2 gallons of fuel while removing an abandoned fuel line. The 2 gallons of residual fuel was released and spilled on to the soil. The line was capped until it could be further drained and the impacted soil was excavated and stockpiled. The fuel that came out of the pipeline was later revised as being less than one gallon.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Fuel Release
Geometry:	POINT (-157.863755 21.306825)
Centroid:	POINT (-157.863755 21.306825)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20230406-0903	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	2 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Unknown		

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 202794 **Type:** Supporting Data/Media
Date: **Imported From:**
Title: Receipt of Submission
Document No Url: https://eha-cloud.doh.hawaii.gov/iheer/api/documents/202794/download

iHEER System - Documents

Document No: 202795 **Type:** Supporting Data/Media
Date: **Imported From:**
Title: Lab Report
Document No Url: https://eha-cloud.doh.hawaii.gov/iheer/api/documents/202795/download

iHEER System - Documents

Document No: 202796 **Type:** 30-Day Follow-up
Date: **Imported From:**
Title: Written Report
Document No Url: https://eha-cloud.doh.hawaii.gov/iheer/api/documents/202796/download

23	1 of 2	NE	0.02 / 86.49	3.28 / 0	Under Tree at the Corner of Alakea Street & Nimitz Highway Alakea St & Nimitz Hwy Honolulu HI 96813	SPILLS
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Case No: 19930923-1 **Location Island:** Oahu
Case No (EHA): **City:** Honolulu
HID No: **Zip:** 96813
Fac Registry ID: **Island Name (EHA):**
NRC Incident Reprt: **City (EHA):**
Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed:
Facility Site Name: Under Tree at the Corner of Alakea Street & Nimitz Highway
Address 1: Alakea St & Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Under Tree at the Corner of Alakea St & Nimitz Hwy
Organization:
Supplemental Location:

Spill Information

Activity Type: Response **Less/Greater than:**
Activity Lead: **Numerical Qty:**
Activity End Dt: **Units:**
Activity Result: SOSC NFA
Substances: Syringes

23	2 of 2	NE	0.02 / 86.49	3.28 / 0	HART CC-101 Nimitz and Alakea Honolulu HI	SPILLS
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Case No: 20140225-0815 **Location Island:** Oahu
Case No (EHA): **City:** Honolulu
HID No: **Zip:**
Fac Registry ID: **Island Name (EHA):**
NRC Incident Reprt: **City (EHA):**
Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed: None
Facility Site Name: HART CC-101
Address 1: Nimitz and Alakea
Address 2:
Location (EHA):
EP&R Envir Interest: HART CC-101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Organization:
Supplemental Location:

Spill Information

Activity Type:		Less/Greater than:	
Activity Lead:		Numerical Qty:	0
Activity End Dt:		Units:	
Activity Result:			
Substances:	Oil		

24	1 of 1	NNE	0.02 / 94.95	3.28 / 0	Truck Leaking Oil Ala Moana Blvd & Bishop St Honolulu HI 96813	SPILLS
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Case No:	19900621	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Truck Leaking Oil		
Address 1:	Ala Moana Blvd & Bishop St		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Truck Leaking Oil		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	
Activity End Dt:		Units:	
Activity Result:	SOSC NFA		
Substances:	OIL		

25	1 of 1	ENE	0.02 / 103.24	3.28 / 0	HART Boring CC103L Ala Moana Blvd Richards Street Honolulu HI	SPILLS
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Case No:	20140407-0835	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	HART Boring CC103L		
Address 1:	Ala Moana Blvd		
Address 2:	Richards Street		
Location (EHA):			
EP&R Envir Interest:	HART boring CC103L		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	TC	Numerical Qty:	0
Activity End Dt:		Units:	
Activity Result:			
Substances:	VOC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	1 of 1	ENE	0.02 / 105.58	3.28 / 0	HART CC103R Ala Moana Blvd between Alakea and Richards Honolulu HI	SPILLS
Case No:	20140311-1300				Location Island: Oahu	
Case No (EHA):					City: Honolulu	
HID No:					Zip:	
Fac Registry ID:					Island Name (EHA):	
NRC Incident Reprt:					City (EHA):	
Lead and Program:	HEER EP&R				Zip Code (EHA):	
Coordinatn Needed:	None					
Facility Site Name:	HART CC103R					
Address 1:	Ala Moana Blvd					
Address 2:	between Alakea and Richards					
Location (EHA):						
EP&R Envir Interest:	HART CC103R					
Organization:						
Supplemental Location:						
<u>Spill Information</u>						
Activity Type:					Less/Greater than:	
Activity Lead:					Numerical Qty: 0	
Activity End Dt:					Units: Unknown	
Activity Result:						
Substances:	Petroleum					
27	1 of 3	SSE	0.02 / 113.53	3.28 / 0	USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C 433 Ala Moana Blvd Honolulu HI 96814	SPILLS
Case No:	19920303				Location Island: Oahu	
Case No (EHA):					City: Honolulu	
HID No:					Zip: 96814	
Fac Registry ID:					Island Name (EHA):	
NRC Incident Reprt:					City (EHA):	
Lead and Program:	HEER EP&R				Zip Code (EHA):	
Coordinatn Needed:						
Facility Site Name:	USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C					
Address 1:	433 Ala Moana Blvd					
Address 2:						
Location (EHA):						
EP&R Envir Interest:	USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C					
Organization:	United States, Department of Transportation, Coast Guard					
Supplemental Location:	Honolulu Harbor Pier 4					
<u>Spill Information</u>						
Activity Type:	Response				Less/Greater than:	
Activity Lead:					Numerical Qty:	
Activity End Dt:					Units:	
Activity Result:	SOSC NFA					
Substances:	Bunker C - Black Oil					
27	2 of 3	SSE	0.02 / 113.53	3.28 / 0	433 Ala Moana Boulevard 433 Ala Moana Blvd Honolulu HI 96813	SPILLS
Case No:	19910719				Location Island: Oahu	
Case No (EHA):					City: Honolulu	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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HID No:					Zip: 96813	
Fac Registry ID:					Island Name (EHA):	
NRC Incident Reprt:					City (EHA):	
Lead and Program:	HEER EP&R				Zip Code (EHA):	
Coordinatn Needed:						
Facility Site Name:		433 Ala Moana Boulevard				
Address 1:		433 Ala Moana Blvd				
Address 2:						
Location (EHA):						
EP&R Envir Interest:		433 ALA MOANA BLVD.				
Organization:						
Supplemental Location:						

Spill Information

Activity Type:	Response	Less/Greater than:
Activity Lead:		Numerical Qty:
Activity End Dt:		Units:
Activity Result:	SOSC NFA	
Substances:	OIL SHEEN	

27	3 of 3	SSE	0.02 / 113.53	3.28 / 0	USCG PIER 4 433 ALA MOANA BLVD HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID:	HIR000147702
Gen Status Universe:	VSG
Contact Name:	STEVAN A RAYE
Contact Address:	400 , SAND ISLAND PARKWAY , , HONOLULU , HI, 96819 , US
Contact Phone No and Ext:	808-222-6297
Contact Email:	STEVAN.A.RAYE@USCG.MIL
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	Federal
Receive Date:	20230518
Location Latitude:	21.303275
Location Longitude:	-157.863536

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 1
Receive Date: 20230518
Handler Name: USCG PIER 4
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Operator Type: Federal Name: U.S. COAST GUARD BASE HONOLULU Date Became Current: Date Ended Current: Phone: 808-842-2601 Source Type: Notification	Street No: Street 1: 400 SAND ISLAND PARKWAY Street 2: City: HONOLULU State: HI Country: US Zip Code: 96819
Owner/Operator Ind: Current Owner Type: Federal Name: U.S. COAST GUARD Date Became Current: Date Ended Current: Phone: Source Type: Notification	Street No: Street 1: 2703 MATIN LUTHER KING JR. Street 2: City: WASHINGTON State: DC Country: US Zip Code: 20593

28	1 of 1	NE	0.03 / 157.07	3.28 / 0	AWA STREET WASTEWATER PUMP STATION 190 NIMITZ HWY Honolulu HI 96817	UST
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Facility ID (LUST): Facility Name (LUST): Street Address (LUST): City (LUST): State (LUST): ZIP Code (LUST): Source(s):	Facility ID: 9-103664 Latitude: 21.31359 Longitude: 157.8654 Horiz. Ref. Datum: NAD83 Horiz. Coll. Method: GPS List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION
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UST Data Files

Tank ID: M-1 Tank Status Desc: Currently In Use Substance Desc: Diesel Organization Formal Name: City and County of Honolulu Organization Address: 1000 Uluohia Street, Suite 215 Organization City: Honolulu Organization State: HI Organization Zip Code: 96817 Substance Comments:	Installed Date: 1/1/1995 Date Closed: Tank Capacity: 1000
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Tank ID: M-1	Installed Date: 1/1/1995
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Tank Status Desc:	Currently In Use				Date Closed:	
Substance Desc:	Diesel				Tank Capacity:	1000
Organization Formal Name:	Dept of Env.Services					
Organization Address:	City and County of Honolulu 1000 Uluohia Street					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96817					
Substance Comments:						
Tank ID:	M-1				Installed Date:	1/1/1995
Tank Status Desc:	Currently In Use				Date Closed:	
Substance Desc:	Diesel				Tank Capacity:	1000
Organization Formal Name:	C&C of Honolulu Dept of Environmental Services					
Organization Address:	1000 Uluohia Street, Suite 308					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96817					
Substance Comments:						
Tank ID:	M-1				Installed Date:	1/1/1995
Tank Status Desc:	Currently In Use				Date Closed:	
Substance Desc:	Diesel				Tank Capacity:	1000
Organization Formal Name:	C&C HNL - DEPT OF ENVIRONMENTAL SERVICES					
Organization Address:	1000 ULU'OHIA STREET, SUITE 308					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96817					
Substance Comments:						
Tank ID:	M-1				Installed Date:	1/1/1995
Tank Status Desc:	Currently In Use				Date Closed:	
Substance Desc:	Diesel				Tank Capacity:	1000
Organization Formal Name:	C & C of Honolulu - Dept. of Environmental Services					
Organization Address:	1000 Uluohia Street, Suite 308					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96817					
Substance Comments:						

[29](#) 1 of 1 NW 0.03 / 172.29 1.34 / -2 Aloha Tower Pier 8 Honolulu HI **SPILLS**

Case No:		Location Island:	
Case No (EHA):	20160217-0809	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Aloha Tower Pier 8		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2016-02-17T18:09:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:	2016-02-17T16:30:00.0000000	Is RMP:	false
Followup Recvd On:		Is Tier Two Facili:	false

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Closed On:	2016-02-18T00:00:00.0000000				Affiliated Org:	
Coordinatn Needed:	None				Caller is Anonym:	false
Water Body:	Honolulu Harbor				Caller Name:	
BC St Inciden Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	
Is Cost Rovery:	false					
Release Name:		Star of Honolulu Fuel Release				
Location:		Aloha Tower Pier 8				
Assigned SOSC:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:		1140668				
Release Duration:						
Notified Agencies:		USCG,HIDOT-HARBOR				
Response Measure Taken:		Contractor hired to clean up.				
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

3 gallons of fuel spilled from the Star of Honolulu when it was being refueled. Absorbent pads were used to clean up the spill and a contractor was called in for further clean up and assessment.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Fuel Spill
Geometry:	POINT (-157.8654 21.306017999999991)
Centroid:	POINT (-157.8654 21.306017999999991)

iHEER System - Substance Information

Incident:		Actual Amount:	3 Gallons
Case No:	20160217-0809	Actual Amount Unit:	
Substance ID:		Potential Amount:	3 Gallons
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	3 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Diesel Oil/Marine Gas Oil		

30	1 of 1	NNW	0.03 / 173.28	1.20 / -2	Aloha Tower Pier 8 Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20160823-0414	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Aloha Tower Pier 8		
EP&R Envir Interest:			
Organization:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Supplemental Location:

iHEER System - Additional Information

Status:	Referred	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2016-08-23T14:14:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2016-08-23T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Referred	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	
Is Cost Rovery:			
Release Name:	Construction company wash water entering harbor		
Location:	Aloha Tower Pier 8		
Assigned SOSOC:	terence.corpus@doh.hawaii.gov		
NRC Incident Rpt No:			
Release Duration:			
Notified Agencies:	CWB,USCG,HIDOT-HARBOR		
Response Measure Taken:			
BC State Activity:			
Invoice To:			
Status Comment:	refer to USCG and CWB		
Summary:			

Caller observed construction crew washing down their equipment with wash water going into harbor. Harbor water is oily.

31	1 of 2	ENE	0.03 / 184.63	5.40 / 2	U.S. POSTAL SERVICE - DOWNTOWN 701 RICHARD ST Honolulu HI 96813	UST
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Facility ID (LUST):		Facility ID:	9-101767
Facility Name (LUST):		Latitude:	
Street Address (LUST):		Longitude:	
City (LUST):		Horiz. Ref. Datum:	
State (LUST):		Horiz. Coll. Method:	
ZIP Code (LUST):			
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-2	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	1/1/1985
Substance Desc:	Not Listed	Tank Capacity:	
Organization Formal Name:	U.S. POSTAL SERVICE		
Organization Address:	850 CHERRY AVENUE		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	1/1/1985
Substance Desc:	Not Listed	Tank Capacity:	
Organization Formal Name:	U.S. POSTAL SERVICE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Organization Address:		850 CHERRY AVENUE				
Organization City:		Honolulu				
Organization State:		HI				
Organization Zip Code:		96813				
Substance Comments:						

31	2 of 2	ENE	0.03 / 184.63	5.40 / 2	Federal General Services Administration - USPS 701 Richards St. Honolulu HI 96850	FED BROWNFIELDS
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Property ID: 250294
Property Name: Federal General Services Administration - USPS
Address: 701 Richards St.
City: Honolulu
State Code: HI
Zip Code: 96850
Lat Measure: 21.30510172
Long Measure: -157.8622102
Primary Name (Map): FEDERAL GENERAL SERVICES ADMINISTRATION - USPS
Location Address (Map): 701 RICHARDS ST.
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96850
Latitude (Map): 21.30510172
Longitude (Map): -157.8622102
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162711	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		FEDERAL GENERAL SERVICES ADMINISTRATION - USPS				
RCRA Drupa:						
Repow Ref :						
Url:		https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250294.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page				
Census Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8622102%2C21.30510172&featype=point&radius=1.0				
ACS Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8622102%2C21.30510172&featype=point&radius=1.0				
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Federal General Services Administration - USPS				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcb:	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Government				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Voc:	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb:					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc:					Future Grnspc Ac:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	611.47				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021				Redev Start Dt:	
Assess Start Dt:	11/02/2020				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30510172
Cleanup Drk Wat:					Longitude Measure:	-157.8622102
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-026-013					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Federal General Services Administration - USPS					
Property Size:	.01					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	701 Richards St.					
City:	Honolulu					
State Code:	HI					
Zip Code:	96850					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30510172
Cleanup Drk Wat:					Longitude Measure:	-157.8622102
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-013				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Federal General Services Administration - USPS				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		701 Richards St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30510172
Cleanup Drk Wat:		Longitude Measure:	-157.8622102
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-013		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Federal General Services Administration - USPS				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		701 Richards St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30510172
Cleanup Drk Wat:		Longitude Measure:	-157.8622102
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-013		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Federal General Services Administration - USPS		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	701 Richards St.		
City:	Honolulu		
State Code:	HI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				<i>Env EC in Place:</i>	
GPA Type ID:	6				<i>Env EC Required:</i>	U
GPA Type Desc:	Acres Cleaned Up				<i>Env IC in Place:</i>	
Dt RLF Loan Signed:					<i>Flg Clnup Trmt Tec:</i>	
Dt RLF Sbrgrnt Sgnd:					<i>Flag EC Cover Tech:</i>	
Accmplisht Cnt Flg:					<i>Flag EC Eng Barrier:</i>	
Awp Catalyst Yn:					<i>Flag EC Immblyztn:</i>	
Assess ArsenIC :					<i>Flag EC in Place:</i>	
Assess Bldg Mats :					<i>Flag EC Other:</i>	
Assess Cadmium :					<i>Flag EC Required:</i>	U
Assess Chromium :					<i>Flag EC Security:</i>	
Assess Copper :					<i>Flg Prop Not Enrld:</i>	Y
Assess Iron :					<i>Excavation Disposl:</i>	
Assess Mercury :					<i>Extrctn of Cntmnts:</i>	
Assess Nickel :					<i>FCA Fy:</i>	
Assess None :					<i>Ftr Multistry Acre:</i>	
Assess oorair :					<i>RFN Notation:</i>	
Assess Pesticides :					<i>RLF Ln Cst Shr Amt:</i>	
Assess Selenium :					<i>RLF Loan Amount:</i>	
Assess Svocs :					<i>RLF Subgrant Amt:</i>	
Assess Unknown :					<i>Sect 128 A St Trbl:</i>	
Clnup Actvy Funded:					<i>Interest Rate:</i>	
Clnup ArsenIC :					<i>Low Income:</i>	
Clnup Bldg Mats :					<i>Low Income Pct:</i>	
Clnup Cadmium :					<i>Median Income:</i>	
Clnup Chromium :					<i>Multipurpose:</i>	
Clnup Copper :					<i>Past Mltistry Acre:</i>	
Clnup Cst Shr Amt:					<i>Pro Code:</i>	BF
Clnup Doc:					<i>Pro Income Amt:</i>	
Clnup Iron :					<i>Vacant Housing:</i>	
Clnup Mercury :					<i>Vacant Housing Pct:</i>	
Clnup Nickel :					<i>Total Unemployed:</i>	
Clnup None :					<i>Unemployed Pct:</i>	
Clnup of Structurs:					<i>Below Poverty:</i>	
Clnup oorair :					<i>Below Poverty Pct:</i>	
Clnup Pesticides :					<i>Radius:</i>	
Clnup Selenium :					<i>Actvy Funded:</i>	
Clnup Svocs :					<i>Cost Share Amt:</i>	
Clnup Unkn Media :					<i>Rdctn of Cntmnts:</i>	
Clnup Unknown :					<i>Removal of Mats:</i>	
Env Clnup Jobs:					<i>Repayment Period:</i>	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcb's :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Government				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Voc's :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info Dev/Ces :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30510172
Cleanup Drk Wat:					Longitude Measure:	-157.8622102
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-013				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Federal General Services Administration - USPS				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		701 Richards St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

32	1 of 1	NW	0.04 / 186.01	2.55 / -1	Pier 8 Honolulu Harbor Honolulu HI	SPILLS
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Case No:		Location Island:
Case No (EHA):	20160601-1003	City:
HID No:		Zip:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Registry ID:				Island Name (EHA):		Oahu
NRC Incident Reprt:				City (EHA):		Honolulu
Lead and Program:				Zip Code (EHA):		
Coordinatn Needed:						
Facility Site Name:						
Address 1:						
Address 2:						
Location (EHA):				Pier 8 Honolulu Harbor		
EP&R Envir Interest:						
Organization:						
Supplemental Location:						

iHEER System - Additional Information

Status:	NFA	Is Drill:	true
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2016-06-01T20:03:42.5630000	Is Rprt Noteworthy:	false
Actual Release On:	2016-06-01T19:40:00.0000000	Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2016-06-01T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rcovery:			
Release Name:	Drill Star Of Honolulu Release Drill		
Location:	Pier 8 Honolulu Harbor		
Assigned SOSOC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:	1149381		
Release Duration:			
Notified Agencies:	USCG		
Response Measure Taken:	Spill was contained and a contractor was hired to clean up the spill.		
BC State Activity:			
Invoice To:			
Status Comment:	Drill		
Summary:			

There was a spill of diesel from a tour boat due to a ruptured fuel transfer hose.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Drill Diesel Spill
Geometry:	POINT (-157.86553699999996 21.305994)
Centroid:	POINT (-157.86553699999996 21.305994)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20160601-1003	Actual Amount Unit:	
Substance ID:		Potential Amount:	50 Gallons
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:		Category:	Oil
Reported Amt Unit:		Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Diesel Oil/Marine Gas Oil

33	1 of 1	NNW	0.04 / 203.12	3.28 / 0	Hawaii Pacific University loading area Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20221209-2020	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Hawaii Pacific University loading area		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Concrete	Is Notificat Valid:	Unknown
Reported On:	2022-12-10T06:20:35.1470000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2022-12-09T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	WOA trash truck hydraulic oil spill		
Location:	Hawaii Pacific University loading area		
Assigned SOSOC:	terence.corpus@doh.hawaii.gov		
NRC Incident Rpt No:	1354576		
Release Duration:			
Notified Agencies:			
Response Measure Taken:			
BC State Activity:			
Invoice To:			
Status Comment:	spill was cleaned up		
Summary:			

A West Oahu Aggregate (WOA) trash truck's hydraulic system leaked at Hawaii Pacific University (HPU) Aloha Tower campus' loading area. Spilled oil ponded on the concrete pad. However, HPU security told driver to move. Driver complied and drove >100 yards away and parked. The truck's system leaked during that transit. The weather was dry. Storm drains were not impacted. HFD responded and contained the ponded oil with kitty litter. WOA hired cleanup contractors which included pressure washing.

iHEER System - Location Information

Site ID:	
Location Type:	RA
Description:	oil trail
Geometry:	POLYGON ((-157.86497590698747 21.306426368396334, -157.86496249594873 21.30639388293601, -157.86473450818286 21.306501334817021, -157.86407200255616 21.305371836697262, -157.8640666381317 21.305374335596966, -157.86473719039063 21.306513829216609, -157.864959813732 21.306406377344747,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Centroid:		-157.86497590698747 21.306426368396334)) POINT (-157.86452722895729 21.3060753380035)					
Site ID:							
Location Type:		RA					
Description:		oil puddle					
Geometry:		POLYGON ((-157.86501077570605 21.306458853850298, -157.86497590698747 21.306481343775637, -157.86495176710878 21.306446359446028, -157.86498395361966 21.306421370634318, -157.86498663582739 21.306421370634318, -157.86501077570605 21.306458853850298))					
Centroid:		POINT (-157.8649812137256 21.306451393034408)					

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20221209-2020	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	20 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oil		

iHEER System - Documents

Document No:	198680	Type:	Supporting Data/Media
Date:		Imported From:	
Title:	pic		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/198680/download		

iHEER System - Documents

Document No:	198681	Type:	Supporting Data/Media
Date:		Imported From:	
Title:	pic		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/198681/download		

34	1 of 1	WNW	0.04 / 208.27	3.28 / 0	Aloha Tower Pier 8 HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20201029-1150	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Aloha Tower Pier 8		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Reported On:	2020-10-29T21:50:00.3630000				Is Rprt Noteworthy:	false
Actual Release On:					Is RMP:	false
Followup Recvd On:					Is Tier Two Facili:	false
Closed On:	2020-10-30T00:00:00.0000000				Affiliated Org:	
Coordinatn Needed:	Off-scene				Caller is Anonym:	false
Water Body:					Caller Name:	
BC St Inciden Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rovery:	false					
Release Name:		Oily Discharge From Semisub One at Aloha Tower				
Location:		Aloha Tower Pier 8				
Assigned SOSOC:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:						
Release Duration:						
Notified Agencies:						
Response Measure Taken:						
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

An unknown sheen was reported near Aloha Towner. The sheen was later found to be coming from the semi-sub. The crew was working on the engine and accidentally put oily water into the harbor. An estimated 3 gallons of oily water was released. The owner admitted the release and deployed absorbents.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Semisub Oily Water
Geometry:	POINT (-157.865943 21.305781999999997)
Centroid:	POINT (-157.865943 21.305781999999997)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20201029-1150	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	3 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oily Water Mixture		

35 1 of 6 **NE** 0.05 / 279.60 6.56 / 3 **GROSVENOR CENTER
733 BISHOP ST
HONOLULU HI 96813** **RCRA VSQG**

EPA Handler ID:	HID984469767
Gen Status Universe:	VSG
Contact Name:	LAURA SCHMIDT
Contact Address:	733 BISHOP ST STE 2500 , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext:	808-537-6132
Contact Email:	
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Land Type: Private
Receive Date: 19930719
Location Latitude: 21.308451
Location Longitude: -157.861591

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930719
Handler Name: GROSVENOR CENTER
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 733 BISHOP ST STE 2500
Name: GROSVENOR INTERNATIONAL HAWAII	Street 2:
Date Became Current:	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-537-6132	Country:
Source Type: Notification	Zip Code: 96813

35	2 of 6	NE	0.05 / 279.60	6.56 / 3	Pacific Guardian Center 733 BISHOP ST Mauka Tower, 27th Floor Honolulu HI 96813	LUST
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Facility ID: 9-101521
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA)	Event ID: 000083
Status Date: 10/17/2000	Project Officer: Richard Takaba

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	3 of 6	NE	0.05 / 279.60	6.56 / 3	Pacific Guardian Center 733 BISHOP ST Mauka Tower, 27th Floor Honolulu HI 96813	UST

Facility ID (LUST): 9-101521
Facility Name (LUST): Pacific Guardian Center
Street Address (LUST): 733 BISHOP ST
City (LUST): Mauka Tower, 27th Floor
State (LUST): Honolulu
ZIP Code (LUST): HI
96813

Facility ID: 9-101521
Latitude: 21.306451
Longitude: -157.862457
Horiz. Ref. Datum: NAD83
Horiz. Coll. Method: Map

Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION; List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

UST Data Files

Tank ID: M-1
Tank Status Desc: Currently in Use
Substance Desc: Diesel
Organization Formal Name: Pacific Guardian CENTER
Organization Address: 733 Bishop Street, Ste 1270
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Installed Date: 8/1/2013
Date Closed:
Tank Capacity: 1000

Tank ID: r-M-1
Tank Status Desc: Permanently out of Use
Substance Desc: Diesel
Organization Formal Name: GROSVENOR INTERNATIONAL (HI) LTD
Organization Address: 733 BISHOP St
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Installed Date: 6/2/1978
Date Closed: 8/2/2013
Tank Capacity: 1000

Tank ID: r-M-1
Tank Status Desc: Permanently out of Use
Substance Desc: Diesel
Organization Formal Name: Pacific Guardian CENTER
Organization Address: 733 Bishop Street
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Installed Date: 6/2/1978
Date Closed: 8/2/2013
Tank Capacity: 1000

Tank ID: M-1
Tank Status Desc: Currently in Use
Substance Desc: Diesel
Organization Formal Name: GROSVENOR INTERNATIONAL (HI) LTD
Organization Address: 733 BISHOP St
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Installed Date: 8/1/2013
Date Closed:
Tank Capacity: 1000

Tank ID: M-1
Tank Status Desc: Currently in Use
Substance Desc: Diesel
Organization Formal Name: PM Realty Group, LP
Organization Address:
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Installed Date: 8/1/2013
Date Closed:
Tank Capacity: 1000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Tank ID: M-1 **Installed Date:** 8/1/2013
Tank Status Desc: Currently in Use **Date Closed:**
Substance Desc: Diesel **Tank Capacity:** 1000
Organization Formal Name: Pacific Guardian CENTER
Organization Address: 733 Bishop Street
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID: r-M-1 **Installed Date:** 6/2/1978
Tank Status Desc: Permanently out of Use **Date Closed:** 8/2/2013
Substance Desc: Diesel **Tank Capacity:** 1000
Organization Formal Name: PM Realty Group, LP
Organization Address:
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID: r-M-1 **Installed Date:** 6/2/1978
Tank Status Desc: Permanently out of Use **Date Closed:** 8/2/2013
Substance Desc: Diesel **Tank Capacity:** 1000
Organization Formal Name: Pacific Guardian CENTER
Organization Address: 733 Bishop Street, Ste 1270
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

LUST Details

Latest Status: Site Cleanup Completed (NFA) **Alt Event ID:** 000083
Latest Status Date: 10/17/2000 **Project Officer:** Richard Takaba

35	4 of 6	NE	0.05 / 279.60	6.56 / 3	GROSVENOR CENTER 733 Bishop Street Honolulu HI	HWM
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Site ID: 3152 **Latitude:** 21.306511
Longitude: -157.862896

Detail Information

EI ID: HID984469767
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Jul 19 1993

Affiliations Information

Affiliation Type Desc: Administrative Contact **State:** HI
Entity Name: LAURA SCHMIDT **Country:** US
Entity Title: **Zip Code:** 96813
Address: 733 BISHOP ST STE 2500 **Phone:** (808) 537-6132
City: HONOLULU

Affiliation Type Desc: Owner **State:** HI
Entity Name: GROSVENOR INTERNATIONAL HAWAII **Country:**
Entity Title: **Zip Code:** 96813
Address: 733 BISHOP ST STE 2500 **Phone:** (808) 537-6132
City: HONOLULU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	5 of 6	NE	0.05 / 279.60	6.56 / 3	Pacific Guardian Center 733 Bishop St HONOLULU HI 96813	FED BROWNFIELDS

Property ID: 241692
Property Name: Pacific Guardian Center
Address: 733 Bishop St
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.30677371
Long Measure: -157.8631365
Primary Name (Map): PACIFIC GUARDIAN CENTER
Location Address (Map): 733 BISHOP ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30677371
Longitude (Map): -157.8631365
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789541	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Desc :
Ind Name:
Cat Name: Oahu
Sub Name: Oahu
Primary Name: PACIFIC GUARDIAN CENTER
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:16650
Uri: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241692.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30677371&featype=point&radius=1.0
Census Uri: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8631365%2C21.30677371&featype=point&radius=1.0>
ACS Uri: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8631365%2C21.30677371&featype=point&radius=1.0>

ERR Lat Lo:
LUST ID:
SAA Site:
UST Landus:
UST Closed:
UST Open:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Pacific Guardian Center
RCRA Han 1:
RCRA Rau I:
REPOW BF: SG
REPOW RCRA:
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 16650
REPOW SF:

Cleanups In My Community (CIMC)

Grant ID: 69604568 Grant Type: Assessment EPA Region: 09 St Enrollment Dt: St NFA Dt: Ownshp Changed : Ownership Entity: Private Permit Tools : Photo Available : Source Mapscale No: ASMT Air : ASMT Asbestos : ASMT Cntrl Sub : ASMT Drk Wat: ASMT Grd Water: ASMT Lead : ASMT Oth Cont: ASMT Oth Metal : ASMT Pahs : ASMT PcbS : ASMT Sediments : ASMT Soil : ASMT Srf Water : ASMT VocS : Asses Petrol Prod : Assess Type: Assess Amount: Assess Cmpltn Dt: Assess Start Dt: Cleanup Amount: Cleanup Acres:	Cleanup Lead : Cleanup Oth Cont: Cleanup Oth Metal : Cleanup Pahs : Cleanup PcbS : Cinup Petrol Prod : Cleanup Sediments : Cleanup Soil : Cleanup Srf Water : Cleanup VocS : Prop Cntrl : Prop Fnding Typ Cd: Petroleum Ready For Reuse : N Redev Acres: Flag Cleanup Reqd: U Flag IC in Place: Flag IC Required: U Past Acres: Past Cml Acres: Past Grnspc Acres: Past Res Acres: Future Acres: Future Cml Acres: Future Grnspc Acrc: Future Res Acres: Redev Amount: Redev Cleanup Jobs: Redev Start Dt: Gov Cntrl : Info DevICes : Sflp Factor :
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30677371
Cleanup Drk Wat:					Longitude Measure:	-157.8631365
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-014-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		.23				
IC Data Address:						
IC in Place Date:						
Current Owner:		Pacific Guardian Center				
Address:		733 Bishop St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	2988
Clnup Bldg Mats :					Low Income Pct:	35.22
Clnup Cadmium :					Median Income:	10617
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	528
Clnup Mercury :					Vacant Housing Pct:	10.45
Clnup Nickel :					Total Unemployed:	310
Clnup None :					Unemployed Pct:	3.65
Clnup of Structurs:					Below Poverty:	1355
Clnup oorair :					Below Poverty Pct:	15.97
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30677371
Cleanup Drk Wat:		Longitude Measure:	-157.8631365
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-003		
Assess Fnd Ent Nm:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		.23				
IC Data Address:						
IC in Place Date:						
Current Owner:		Pacific Guardian Center				
Address:		733 Bishop St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:		99T63501			Env EC in Place:	
GPA Type ID:		6			Env EC Required: U	
GPA Type Desc:		Acres Cleaned Up			Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required: U	
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld: Y	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income: 2988	
Clnup Bldg Mats :					Low Income Pct: 35.22	
Clnup Cadmium :					Median Income: 10617	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code: BF	
Clnup Doc: N					Pro Income Amt:	
Clnup Iron :					Vacant Housing: 528	
Clnup Mercury :					Vacant Housing Pct: 10.45	
Clnup Nickel :					Total Unemployed: 310	
Clnup None :					Unemployed Pct: 3.65	
Clnup of Structurs:					Below Poverty: 1355	
Clnup oorair :					Below Poverty Pct: 15.97	
Clnup Pesticides :					Radius: .5	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pabs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	U
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pabs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30677371
Cleanup Drk Wat:		Longitude Measure:	-157.8631365
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-003		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Pacific Guardian Center		
Property Size:	.23		
IC Data Address:			
IC in Place Date:			
Current Owner:	Pacific Guardian Center		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address:		733 Bishop St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	2988
Clnup Bldg Mats :					Low Income Pct:	35.22
Clnup Cadmium :					Median Income:	10617
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	528
Clnup Mercury :					Vacant Housing Pct:	10.45
Clnup Nickel :					Total Unemployed:	310
Clnup None :					Unemployed Pct:	3.65
Clnup of Structures:					Below Poverty:	1355
Clnup oorair :					Below Poverty Pct:	15.97
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30677371
Cleanup Drk Wat:		Longitude Measure:	-157.8631365
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-003		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Pacific Guardian Center		
Property Size:	.23		
IC Data Address:			
IC in Place Date:			
Current Owner:	Pacific Guardian Center		
Address:	733 Bishop St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flg EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flg EC Immblyztn:	
Assess ArsenIC :					Flg EC in Place:	
Assess Bldg Mats :					Flg EC Other:	
Assess Cadmium :					Flg EC Required:	U
Assess Chromium :					Flg EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	2988
Clnup Bldg Mats :					Low Income Pct:	35.22
Clnup Cadmium :					Median Income:	10617
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	528
Clnup Mercury :					Vacant Housing Pct:	10.45
Clnup Nickel :					Total Unemployed:	310
Clnup None :					Unemployed Pct:	3.65
Clnup of Structurs:					Below Poverty:	1355
Clnup oorair :					Below Poverty Pct:	15.97
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfilp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30677371
Cleanup Drk Wat:					Longitude Measure:	-157.8631365
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-014-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		.23				
IC Data Address:						
IC in Place Date:						
Current Owner:		Pacific Guardian Center				
Address:		733 Bishop St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	2988
Clnup Bldg Mats :					Low Income Pct:	35.22
Clnup Cadmium :					Median Income:	10617
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	528
Clnup Mercury :					Vacant Housing Pct:	10.45
Clnup Nickel :					Total Unemployed:	310
Clnup None :					Unemployed Pct:	3.65
Clnup of Structurs:					Below Poverty:	1355
Clnup oorair :					Below Poverty Pct:	15.97
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

35	6 of 6	NE	0.05 / 279.60	6.56 / 3	Pacific Guardian Center 733 Bishop St Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250284
Property Name: Pacific Guardian Center
Address: 733 Bishop St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.30632538
Long Measure: -157.8629821
Primary Name (Map): PACIFIC GUARDIAN CENTER
Location Address (Map): 733 BISHOP ST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City Name (Map):		HONOLULU				
County Name (Map):		HONOLULU				
State Code (Map):		HI				
Postal Code (Map):		96813				
Latitude (Map):		21.30632538				
Longitude (Map):		-157.8629821				
Data Source:		USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties				

Brownfields Details

Registry I:	110071162708	BF RLF Gra:				
EPA ID:		BF RLF Pil:				
EPA Region:	09	BF Assess :				
Cat No:	20060000	BF Cleanup:				
RCRA Handl:		BF Tba Ind:				
RCRA Curre:		BF 128a In:				
RCRA Remed:		BF IC Code:		U		
RCRA Const:		BF IC Gc I:		U		
RCRA El He:		BF IC Ep I:		U		
RCRA El Gm:		BF IC ID I:		U		
RCRA Rem 1:		BF IC Pr I:		U		
RCRA Ec Gw:		FF Brac In:				
RCRA Ec Ng:		BF RLF Ind:				
RCRA IC Ep:		BF Assess1:		Y		
RCRA IC Gc:		BF Multipu:				
RCRA IC ID:		BF Awp Ind:				
RCRA IC Pr:		BF Showcas:				
FF RCRA In:		BF 128a P :				
RCRA Trans:		LUST Relea:				
RCRA Tra 1:		LUST Award:				
RCRA Ec Co:		LUST State:				
RCRA IC Co:		Congressio:		HI-01		
RCRA Gpra :		FD Agency :				
RCRA Rem 2:		FD Listing:				
RCRA Dru 1:		FD Non NPL:				
SF Site ID:		FD RCRA Ha:				
SF Ec Ind:		FD RCRA Ca:				
SF El Gm C:		FD SF NPL :				
SF El He C:		FD FF Ind:				
SF IC Ind:		FD Ej Code:				
SF NPL Cod:		FD Brac In:				
SF NPL C 1:		FD Federal:				
SF Admin F:		FD Hrs Sco:				
FF And Sit:		FD Ongoing:				
FF SF Ind:		FD NPL Sta:				
Map Symbol:	B	FD Non N 1:				
Data Refre:	16-Feb-2023	FD RCRA Gw:				
GIS Refres:		FD RCRA He:				
New Site:		FD GMS Sur:				
EPAOSC Sit:		FD Hes Sur:				
EPAOSC Res:		FD SF Site:				
EPAOSC R 1:		FD Brac Ro:				
EPAOSC Sta:		Stimulus S:				
EPAOSC Inc:		Stimulus B:				
Desc :						
Ind Name:						
Cat Name:	Oahu					
Sub Name:	Oahu					
Primary Name:	PACIFIC GUARDIAN CENTER					
RCRA Drupa:						
Repow Ref :						
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250284.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page					
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8629821%2C21.30632538&featype=point&radius=1.0					
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8629821%2C21.30632538&featype=point&radius=1.0					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Pacific Guardian Center				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30632538
Cleanup Drk Wat:		Longitude Measure:	-157.8629821
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-004		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Property Name:		Pacific Guardian Center				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		733 Bishop St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30632538
Cleanup Drk Wat:		Longitude Measure:	-157.8629821
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-014-004		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Pacific Guardian Center		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	733 Bishop St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			

Horizontal Reference Datum:

Reference Point:

Other Description:

Other Desc Cleaned Up:

Desc Hist:

Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30632538
Cleanup Drk Wat:					Longitude Measure:	-157.8629821
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-014-004				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		733 Bishop St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<i>Dt RLF Sbgmnt Sgnd:</i>					<i>Flag EC Cover Tech:</i>	
<i>Accmplisht Cnt Flg:</i>					<i>Flg EC Eng Barrier:</i>	
<i>Awp Catalyst Yn:</i>					<i>Flag EC Immblyztn:</i>	
<i>Assess ArsenIC :</i>					<i>Flag EC in Place:</i>	
<i>Assess Bldg Mats :</i>					<i>Flag EC Other:</i>	
<i>Assess Cadmium :</i>					<i>Flag EC Required:</i>	U
<i>Assess Chromium :</i>					<i>Flag EC Security:</i>	
<i>Assess Copper :</i>					<i>Flg Prop Not Enrld:</i>	Y
<i>Assess Iron :</i>					<i>Excavation Disposl:</i>	
<i>Assess Mercury :</i>					<i>Extrctn of Cntmnts:</i>	
<i>Assess Nickel :</i>					<i>FCA Fy:</i>	
<i>Assess None :</i>					<i>Ftr Multistry Acre:</i>	
<i>Assess oorair :</i>					<i>RFR Notation:</i>	
<i>Assess Pesticides :</i>					<i>RLF Ln Cst Shr Amt:</i>	
<i>Assess Selenium :</i>					<i>RLF Loan Amount:</i>	
<i>Assess Svocs :</i>					<i>RLF Subgrant Amt:</i>	
<i>Assess Unknown :</i>					<i>Sect 128 A St Trbl:</i>	
<i>Clnup Actvy Funded:</i>					<i>Interest Rate:</i>	
<i>Clnup ArsenIC :</i>					<i>Low Income:</i>	
<i>Clnup Bldg Mats :</i>					<i>Low Income Pct:</i>	
<i>Clnup Cadmium :</i>					<i>Median Income:</i>	
<i>Clnup Chromium :</i>					<i>Multipurpose:</i>	
<i>Clnup Copper :</i>					<i>Past Mltistry Acre:</i>	
<i>Clnup Cst Shr Amt:</i>					<i>Pro Code:</i>	BF
<i>Clnup Doc:</i>					<i>Pro Income Amt:</i>	
<i>Clnup Iron :</i>					<i>Vacant Housing:</i>	
<i>Clnup Mercury :</i>					<i>Vacant Housing Pct:</i>	
<i>Clnup Nickel :</i>					<i>Total Unemployed:</i>	
<i>Clnup None :</i>					<i>Unemployed Pct:</i>	
<i>Clnup of Structurs:</i>					<i>Below Poverty:</i>	
<i>Clnup oorair :</i>					<i>Below Poverty Pct:</i>	
<i>Clnup Pesticides :</i>					<i>Radius:</i>	
<i>Clnup Selenium :</i>					<i>Actvy Funded:</i>	
<i>Clnup Svocs :</i>					<i>Cost Share Amt:</i>	
<i>Clnup Unkn Media :</i>					<i>Rdctn of Cntmnts:</i>	
<i>Clnup Unknown :</i>					<i>Removal of Mats:</i>	
<i>Env Clnup Jobs:</i>					<i>Repayment Period:</i>	
<i>Env Pro Income Amt:</i>						
<i>Property Alias:</i>						
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>AA Amt Funding:</i>						
<i>Redev Fund Entity:</i>						
<i>Redev Lvrgd Srcs:</i>						
<i>Redev Cmpltn Date:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>IC Addl Info:</i>						
<i>Ctmnt Found:</i>						
<i>Other Forms of Doc:</i>						
<i>Highlights:</i>						
<i>Ctmnt Cleanedup:</i>						
<i>Media Affected:</i>						
<i>Ctmnt Rec:</i>						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbss :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfilp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30632538
Cleanup Drk Wat:					Longitude Measure:	-157.8629821
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-014-004				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		733 Bishop St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	1834.41				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021				Redev Start Dt:	
Assess Start Dt:	04/28/2019				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30632538
Cleanup Drk Wat:					Longitude Measure:	-157.8629821
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-014-004					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Pacific Guardian Center					
Property Size:	0					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	733 Bishop St					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Cadmium : Clnup Chromium : Clnup Copper : Clnup Cst Shr Amt: Clnup Doc: Clnup Iron : Clnup Mercury : Clnup Nickel : Clnup None : Clnup of Structurs: Clnup oorair : Clnup Pesticides : Clnup Selenium : Clnup Svocs : Clnup Unkn Media : Clnup Unknown : Env Clnup Jobs: Env Pro Income Amt: Property Alias: AA Actvy Funded: AA Source of Funding: AA Amt Funding: Redev Fund Entity: Redev Lvrgd Srcs: Redev Cmpltn Date: Clnup Trmt Tech Info: EC Data Address: EC Addl Info: Env IC Data Address: IC Addl Info: Ctmnt Found: Other Forms of Doc: Highlights: Ctmnt Cleanedup: Media Affected: Ctmnt Rec:					Median Income: Multipurpose: Past Mltistry Acre: Pro Code: BF Pro Income Amt: Vacant Housing: Vacant Housing Pct: Total Unemployed: Unemployed Pct: Below Poverty: Below Poverty Pct: Radius: Actvy Funded: Cost Share Amt: Rdctn of Cntmnts: Removal of Mats: Repayment Period:	
		Phase I Environmental Assessment				

36	1 of2	ENE	0.06 / 295.73	6.56 / 3	HARBOR SQUARE ASSOCIATION 700 RICHARDS ST Honolulu HI 96813	LUST
Facility ID:	9-103509					
Source:	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION					

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	000055
Status Date:	3/12/2001	Project Officer:	Jose Ruiz

36	2 of2	ENE	0.06 / 295.73	6.56 / 3	HARBOR SQUARE ASSOCIATION 700 RICHARDS ST Honolulu HI	UST
Facility ID (LUST):	9-103509	Facility ID:	9-103509			
Facility Name (LUST):	HARBOR SQUARE ASSOCIATION	Latitude:	21.306338			
Street Address (LUST):	700 RICHARDS ST	Longitude:	-157.86265			
City (LUST):	Honolulu	Horiz. Ref. Datum:	NAD83			
State (LUST):	HI	Horiz. Coll. Method:	Map			
ZIP Code (LUST):	96813					
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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UST Data Files

Tank ID:	M-2	Installed Date:	2/26/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	500
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 Richards St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57585		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	12/21/1999
Substance Desc:	Diesel	Tank Capacity:	285
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 Richards St.		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57585		
Substance Comments:			

Tank ID:	M-2	Installed Date:	2/26/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	500
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 Richards St.		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57585		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	12/21/1999
Substance Desc:	Diesel	Tank Capacity:	285
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 Richards St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57585		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	12/21/1999
Substance Desc:	Diesel	Tank Capacity:	285
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 RICHARD ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-2	Installed Date:	2/26/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	500
Organization Formal Name:	AOAO HARBOR SQUARE		
Organization Address:	700 RICHARD ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	000055
Latest Status Date:	3/12/2001	Project Officer:	Jose Ruiz

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of 1	NNW	0.06 / 331.71	3.28 / 0	PRIDE OF AMERICA IMO NO 9209221 PIER 2 PASSENGER TERMINAL, 521 ALA MOANA BLVD HONOLULU HI 96813	RCRA SQG

EPA Handler ID: HIR000136598
Gen Status Universe: Small Quantity Generator
Contact Name: ERIC J WOLFF
Contact Address: 7665 , CORPORATE CENTER DR , , MIAMI , FL, 33126 , US
Contact Phone No and Ext: 786-210-0301
Contact Email: EWOLFF@NCLCORP.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20220317
Location Latitude: 21.307084
Location Longitude: -157.864986

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Evaluation Details

Evaluation Start Date: 20150727
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20050509
Handler Name: SHIP: PRIDE OF AMERICA
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060329
Handler Name: PRIDE OF AMERICA
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		2				
Receive Date:		20060614				
Handler Name:		SHIP: PRIDE OF AMERICA				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004,				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
					AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:					F005	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
<u>Hazardous Waste Handler Details</u>						
Sequence No:					3	
Receive Date:					20060817	
Handler Name:					PRIDE OF AMERICA IMO NO 9209221	
Federal Waste Generator Code:					2	
Generator Code Description:					Small Quantity Generator	
Source Type:					Notification	
<u>Waste Code Details</u>						
Hazardous Waste Code:					D001	
Waste Code Description:					IGNITABLE WASTE	
Hazardous Waste Code:					D002	
Waste Code Description:					CORROSIVE WASTE	
Hazardous Waste Code:					D011	
Waste Code Description:					SILVER	
Hazardous Waste Code:					D035	
Waste Code Description:					METHYL ETHYL KETONE	
Hazardous Waste Code:					D039	
Waste Code Description:					TETRACHLOROETHYLENE	
Hazardous Waste Code:					F002	
Waste Code Description:					THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:					F003	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:					F005	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
<u>Hazardous Waste Handler Details</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sequence No:	4					
Receive Date:	20210902					
Handler Name:	PRIDE OF AMERICA IMO NO 9209221					
Federal Waste Generator Code:	2					
Generator Code Description:	Small Quantity Generator					
Source Type:	Notification					

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20220317
Handler Name:	PRIDE OF AMERICA IMO NO 9209221
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	1209
Type:	Other	Street 1:	ORANGE STREET
Name:	PRIDE OF AMERICA SHIP HOLDING, INC.	Street 2:	
Date Became Current:	20050606	City:	DELEWARE
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	19801
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1209 ORANGE ST
Name:	PRIDE OF AMERICA SHIP HOLDING INC	Street 2:	
Date Became Current:	20050606	City:	DELEWARE
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19801
Owner/Operator Ind:	Current Operator	Street No:	7665
Type:	Private	Street 1:	CORPORATE CENTER DR
Name:	NCL (BAHAMAS), LTD	Street 2:	
Date Became Current:	20050605	City:	MIAMI
Date Ended Current:		State:	FL
Phone:	786-210-0301	Country:	US
Source Type:	Notification	Zip Code:	33126
Owner/Operator Ind:	Current Owner	Street No:	3411
Type:	Private	Street 1:	SILVERSIDE ROAD, TATNALL BLDG, STE 104
Name:	PRIDE OF AMERICA SHIP HOLDING, LLC	Street 2:	
Date Became Current:	20050606	City:	WILMINGTON
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19810
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	
Name:	NCL AMERICA INC	Street 2:	
Date Became Current:	20050516	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	
Name:	NCL AMERICA INC	Street 2:	
Date Became Current:	20050606	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1209 ORANGE ST
Name:	PRIDE OF AMERICA SHIP HOLDING INC	Street 2:	
Date Became Current:	20050516	City:	DELAWARE
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19801
Owner/Operator Ind:	Current Owner	Street No:	3411

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1: SILVERSIDE ROAD, TATNALL BLDG, STE 104	
Name:	PRIDE OF AMERICA SHIP HOLDING, LLC				Street 2:	
Date Became Current:	20050606				City: WILMINGTON	
Date Ended Current:					State: DE	
Phone:					Country: US	
Source Type:	Annual/Biennial Report update with Notification				Zip Code: 19810	
Owner/Operator Ind:	Current Operator				Street No: 7665	
Type:	Private				Street 1: CORPORATE CENTER DR	
Name:	NCL (BAHAMAS), LTD				Street 2:	
Date Became Current:	20050605				City: MIAMI	
Date Ended Current:					State: FL	
Phone:	786-210-0301				Country: US	
Source Type:	Annual/Biennial Report update with Notification				Zip Code: 33126	
Owner/Operator Ind:	Current Operator				Street No: 700	
Type:	Other				Street 1: BISHOP STREET, SUITE 900	
Name:	NCL AMERICA, INC.				Street 2:	
Date Became Current:	20050606				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:					Country: US	
Source Type:	Annual/Biennial Report update with Notification				Zip Code: 96813	

Historical Handler Details

Receive Dt: 20210902
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF AMERICA IMO NO 9209221

Receive Dt: 20060817
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF AMERICA IMO NO 9209221

Receive Dt: 20060614
Generator Code Description: Small Quantity Generator
Handler Name: SHIP: PRIDE OF AMERICA

Receive Dt: 20060329
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF AMERICA

Receive Dt: 20050509
Generator Code Description: Small Quantity Generator
Handler Name: SHIP: PRIDE OF AMERICA

38	1 of 2	NNE	0.07 / 357.26	6.56 / 3	Norwegian Cruise Line 700 Bishop St Suite 900 Honolulu HI 96813	SPILLS
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Case No:	20060124-0813	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:	786093	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Norwegian Cruise Line		
Address 1:	700 Bishop St		
Address 2:	Suite 900		
Location (EHA):			
EP&R Envir Interest:	Hydraulic Oil Release 1-24-06		
Organization:	Norwegian Cruise Line		
Supplemental Location:			

Spill Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Activity Type: Response
Activity Lead: Paul Chong
Activity End Dt: 1/24/2006
Activity Result: SOSC NFA
Substances: Hydraulic Oil

Less/Greater than:
Numerical Qty: 4
Units: Ounces

38	2 of2	NNE	0.07 / 357.26	6.56 / 3	Norwegian Cruise Line 700 Bishop St Suite 900 Honolulu HI 96813	SPILLS
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Case No: 20040811-1115
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: Site Visit
Facility Site Name: Norwegian Cruise Line
Address 1: 700 Bishop St
Address 2: Suite 900
Location (EHA):
EP&R Envir Interest: Norwegian Cruise LineHull Cleaning
Organization: Norwegian Cruise Line
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip: 96813
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Paul Chong
Activity End Dt: 8/11/2004
Activity Result: Refer to CWB
Substances: Paint

Less/Greater than:
Numerical Qty: 16
Units: Ounces

39	1 of6	NE	0.07 / 378.82	6.56 / 3	Pacific Light Net 737 Bishop Street Honolulu HI 96813	UST
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Facility ID (LUST): 9-101803
Facility Name (LUST): Pacific Light Net
Street Address (LUST): 737 Bishop Street
City (LUST): Honolulu
State (LUST): HI
ZIP Code (LUST): 96813

Facility ID: 9-101803
Latitude: 21.30681
Longitude: -157.86249
Horiz. Ref. Datum: NAD83
Horiz. Coll. Method: GPS

Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

UST Data Files

Tank ID: r-M-2
Tank Status Desc: Permanently out of Use
Substance Desc: Diesel
Organization Formal Name: Hawaiian Telcom
Organization Address: 1177 Bishop Street, Suite 30
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813

Installed Date: 2/1/1999
Date Closed: 8/13/2014
Tank Capacity: 1000

Substance Comments:

Tank ID: R-M-1
Tank Status Desc: Permanently Out of Use
Substance Desc: Diesel

Installed Date: 12/30/1983
Date Closed: 11/2/1996
Tank Capacity: 1000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Organization Formal Name: Pacific light net
Organization Address: 737 Bishop Street
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID:	R-M-1	Installed Date:	12/30/1983
Tank Status Desc:	Permanently Out of Use	Date Closed:	11/2/1996
Substance Desc:	Diesel	Tank Capacity:	1000

Organization Formal Name: HawaiianTelcom
Organization Address: P.O. Box 2200
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID:	r-M-2	Installed Date:	2/1/1999
Tank Status Desc:	Permanently out of Use	Date Closed:	8/13/2014
Substance Desc:	Diesel	Tank Capacity:	1000

Organization Formal Name: Pacific light net
Organization Address: 737 Bishop Street
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID:	r-M-2	Installed Date:	2/1/1999
Tank Status Desc:	Permanently out of Use	Date Closed:	8/13/2014
Substance Desc:	Diesel	Tank Capacity:	1000

Organization Formal Name: HawaiianTelcom
Organization Address: P.O. Box 2200
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID:	R-M-1	Installed Date:	12/30/1983
Tank Status Desc:	Permanently Out of Use	Date Closed:	11/2/1996
Substance Desc:	Diesel	Tank Capacity:	1000

Organization Formal Name: Hawaiian Telcom
Organization Address: 1177 Bishop Street, Suite 30
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	140023
Latest Status Date:	3/23/2015	Project Officer:	Shunsheng Fu

39	2 of 6	NE	0.07 / 378.82	6.56 / 3	MCI International, s/o WorldCom, Inc. 737 BISHOP ST. Honolulu HI 96813	UST
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Facility ID (LUST):		Facility ID:	9-103246
Facility Name (LUST):		Latitude:	21.30659
Street Address (LUST):		Longitude:	-157.86279
City (LUST):		Horiz. Ref. Datum:	NAD83
State (LUST):		Horiz. Coll. Method:	GPS
ZIP Code (LUST):			

Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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UST Data Files

Tank ID: M-1 **Installed Date:** 6/1/1996
Tank Status Desc: Currently In Use **Date Closed:**
Substance Desc: Diesel **Tank Capacity:** 2500
Organization Formal Name: MCI International s/o WorldCom, Inc.
Organization Address: 737 BISHOP ST, SUITE 1695
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

Tank ID: M-1 **Installed Date:** 6/1/1996
Tank Status Desc: Currently In Use **Date Closed:**
Substance Desc: Diesel **Tank Capacity:** 2500
Organization Formal Name: MCI
Organization Address: 18850 Orange St
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96813
Substance Comments:

39	3 of 6	NE	0.07 / 378.82	6.56 / 3	Pacific Light Net 737 Bishop Street Honolulu HI 96813	LUST
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Facility ID: 9-101803
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 140023
Status Date: 3/23/2015 **Project Officer:** Shunsheng Fu

39	4 of 6	NE	0.07 / 378.82	6.56 / 3	Pacific Guardian Center 737 Bishop St Honolulu HI 96813	ALT FUELS
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ID: 66924 **CNG Dispenser No:**
Fuel Type Code: ELEC: Electric **CNG Site Renew Src:**
Station Phone: 808-532-0200 **CNG Tot Compr Cap:**
Expected Date: **CNG Storage Cap:**
BD Blends: **CNG Fill Type Code:**
NG PSI: **CNG PSI:**
Federal Agency ID: **CNG Vehicle Class:**
Open Date: 2015-01-01 **LNG Site Renew Src:**
Hydrogen is Retail: **LNG Vehicle Class:**
Federal Agency: **LPG Nozzle Types:**
Facility Type: SHOPPING_CENTER **Hydrogen Pressures:**
Dt Last Confirmed: 2020-12-03 **Hydrogen Standards:**
Updated at: 2023-01-04 03:08:27 UTC **Latitude:** 21.30733
Access Code: public **Longitude:** -157.86292
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class: LD
RD Blended With Biodiesel:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc: Privately owned
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions: Located on the 2nd floor by the entrance
Access Days Time: 7:30am-5pm daily
Restricted Access: false

39	5 of 6	NE	0.07 / 378.82	6.56 / 3	PACIFIC GUARDIAN CENTER 737 Bishop Street Honolulu HI	HWM
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Site ID: 9807 **Latitude:** 21.306896
Longitude: -157.862459

Detail Information

EI ID: HIR000136069
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Jun 21 2004

Affiliations Information

Affiliation Type Desc: Operator	State:	US
Entity Name: PM REALTY	Country:	US
Entity Title:	Zip Code:	
Address:	Phone:	
City:		
Affiliation Type Desc: Owner	State:	HI
Entity Name: PACIFIC GUARDIAN LIFE	Country:	US
Entity Title:	Zip Code:	96813
Address: 737 BISHOP ST STE 2775	Phone:	
City: HONOLULU		
Affiliation Type Desc: Administrative Contact	State:	HI
Entity Name: ALAN TUCKER	Country:	US
Entity Title:	Zip Code:	96813
Address: 737 BISHOP ST STE 2775	Phone:	(808) 550-4872
City: HONOLULU		

39	6 of 6	NE	0.07 / 378.82	6.56 / 3	PACIFIC GUARDIAN CENTER 737 BISHOP ST HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000136069
Gen Status Universe: No Report
Contact Name: TESS HIRAI
Contact Address: 737 , BISHOP ST SUITE 1270 , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-537-6132
Contact Email: TESS.HIRAI@MADISONMARQUETTE.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20210518

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Latitude: 21.306915
 Location Longitude: -157.862466

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20040621
 Handler Name: PACIFIC GUARDIAN CENTER
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20210518
 Handler Name: PACIFIC GUARDIAN CENTER
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: MADISONMARQUETTE	Street 2:
Date Became Current:	City:
Date Ended Current:	State:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone:					Country:	
Source Type:	Implementer				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	PM REALTY				Street 2:	
Date Became Current:	20030801				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	737 BISHOP ST
Name:	PACIFIC GUARDIAN LIFE				Street 2:	STE 2775
Date Became Current:	20001018				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Implementer				Zip Code:	96813
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	737 BISHOP ST
Name:	PACIFIC GUARDIAN LIFE				Street 2:	STE 2775
Date Became Current:	20001018				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Notification				Zip Code:	96813

Historical Handler Details

Receive Dt: 20040621
Generator Code Description: Small Quantity Generator
Handler Name: PACIFIC GUARDIAN CENTER

40	1 of 1	NW	0.07 / 379.87	3.28 / 0	1 Aloha Tower Drive Honolulu, HI, 96813 HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20151020-1335	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	1 Aloha Tower Drive Honolulu, HI. 96813		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Soil	Is Notificat Valid:	Unknown
Reported On:	2015-10-20T23:35:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	false
Followup Recvd On:	2015-10-20T10:00:00.0000000	Is Tier Two Facili:	false
Closed On:		Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	
Is Cost Rcovery:	false					
Release Name:		HECO pad-mounted transformer #68382 release				
Location:		1 Aloha Tower Drive Honolulu, HI. 96813				
Assigned SOSC:		clarence.martin@doh.hawaii.gov				
NRC Incident Rpt No:						
Release Duration:						
Notified Agencies:						
Response Measure Taken:		see above				
BC State Activity:						
Invoice To:						
Status Comment:		Area cleaned, no report required.				
Summary:						

Transformer replaced, concrete pad cleaned. Follow-up report to be sent.

iHEER System - Substance Information

Incident:					Actual Amount:	3 Gallons
Case No:	20151020-1335				Actual Amount Unit:	
Substance ID:					Potential Amount:	
Substance Category:					Potential Amt Unit:	
Subst Reportab Qty:					Enviromntl Release:	No
Substance Name:					Impermeable Surfac:	
Total Spilled:					Recovered:	
Spilled Water:					Unk Volume Spilled:	
Spilled Soil:					Is BC State:	
Reported Amount:	3 Gallons				Category:	Oil
Reported Amt Unit:					Description:	
Name:	Mineral Oil/Transformer Oil					

iHEER System - Documents

Document No:	315			Type:	Supporting Data/Media
Date:				Imported From:	
Title:	Update Transformer #68382				
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/315/download				

41	1 of 4	NNW	0.07 / 385.86	3.28 / 0	PRIDE OF ALOHA IMO 9128532 1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID:	HIR000106518
Gen Status Universe:	No Report
Contact Name:	ERIC WOLFF
Contact Address:	7665 CORPORATE CTR DR , , MIAMI , FL, 33126 , US
Contact Phone No and Ext:	786-210-0301
Contact Email:	EWOLFF@NCL.COM
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	Other
Receive Date:	20080804
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20010914
Handler Name: NORWEGIAN SKY
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROETHYLENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20040428
Handler Name: PRIDE OF ALOHA IMO NO 9128532
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060329
Handler Name: PRIDE OF ALOHA
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U134
Waste Code Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20060817
Handler Name: PRIDE OF ALOHA IMO 9128532

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification				
Federal Waste Generator Code:	2					
Generator Code Description:	Small Quantity Generator					
<u>Waste Code Details</u>						
Hazardous Waste Code:	D001					
Waste Code Description:	IGNITABLE WASTE					
Hazardous Waste Code:	D002					
Waste Code Description:	CORROSIVE WASTE					
Hazardous Waste Code:	D007					
Waste Code Description:	CHROMIUM					
Hazardous Waste Code:	D009					
Waste Code Description:	MERCURY					
Hazardous Waste Code:	D011					
Waste Code Description:	SILVER					
Hazardous Waste Code:	D035					
Waste Code Description:	METHYL ETHYL KETONE					
Hazardous Waste Code:	D039					
Waste Code Description:	TETRACHLOROETHYLENE					
Hazardous Waste Code:	F002					
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					
Hazardous Waste Code:	F003					
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					
Hazardous Waste Code:	F005					
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					
Hazardous Waste Code:	U134					
Waste Code Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)					

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20080804
Handler Name: PRIDE OF ALOHA IMO 9128532
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	700 BISHOP ST
Name:	PRIDE OF ALOHA INC	Street 2:	
Date Became Current:	20040430	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	700
Type:	Other	Street 1:	BISHOP STREET, SUITE 900
Name:	NCL AMERICA, INC.	Street 2:	
Date Became Current:	20040430	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Annual/Biennial Report	Zip Code:	96813
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	P O BOX H M 463
Name:	NORWEGIAN CRUISE LINE LTD	Street 2:	
Date Became Current:		City:	HAMILTON
Date Ended Current:		State:	
Phone:	4412952208	Country:	BM
Source Type:	Notification	Zip Code:	99999
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1209 ORANGE ST
Name:	PRIDE OF ALOHA INC	Street 2:	
Date Became Current:	20040430	City:	WILMINGTON
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19801
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	
Name:	NCL AMERICA INC	Street 2:	
Date Became Current:	20040430	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	NCL AMERICA	Street 2:	
Date Became Current:	20040430	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Owner	Street No:	1209
Type:	Other	Street 1:	ORANGE STREET
Name:	PRIDE OF ALOHA, INC	Street 2:	
Date Became Current:	20040430	City:	WILMINGTON
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Annual/Biennial Report	Zip Code:	19801

Historical Handler Details

Receive Dt: 20060817
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF ALOHA IMO 9128532

Receive Dt: 20060329
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF ALOHA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Dt: 20040428
Generator Code Description: Small Quantity Generator
Handler Name: PRIDE OF ALOHA IMO NO 9128532

Receive Dt: 20010914
Generator Code Description: Small Quantity Generator
Handler Name: NORWEGIAN SKY

41	2 of 4	NNW	0.07 / 385.86	3.28 / 0	PRIDE OF HAWAII IMO 9304057 1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000137281
Gen Status Universe: No Report
Contact Name: ERIC J WOLFF
Contact Address: 7665 CORPORATE CENTER DR , , MIAMI , FL, 33166 , US
Contact Phone No and Ext: 305-436-4256
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20080702
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060113
Handler Name: PRIDE OF HAWAII IMO 9304057
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060817
Handler Name: PRIDE OF HAWAII IMO 9304057
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D035

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20080702
Handler Name: PRIDE OF HAWAII IMO 9304057
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	NCL AMERICA INC	Street 2:	
Date Became Current:	20060207	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1209 ORANGE ST
Name:	PRIDE OF HAWAII INC	Street 2:	
Date Became Current:	20060207	City:	WILMINGTON
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19801
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1209 ORANGE ST
Name:	PRIDE OF HAWAII INC	Street 2:	
Date Became Current:	20060404	City:	WILMINGTON
Date Ended Current:		State:	DE
Phone:		Country:	US
Source Type:	Notification	Zip Code:	19801
Owner/Operator Ind:	Current Operator	Street No:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type:	Private	Street 1:	
Name:	NCL AMERICA INC	Street 2:	
Date Became Current:	20060404	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	

Historical Handler Details

Receive Dt:	20060817
Generator Code Description:	Small Quantity Generator
Handler Name:	PRIDE OF HAWAII IMO 9304057

Receive Dt:	20060113
Generator Code Description:	Small Quantity Generator
Handler Name:	PRIDE OF HAWAII IMO 9304057

41	3 of 4	NNW	0.07 / 385.86	3.28 / 0	Aloha Tower Market Place 1 Aloha Tower Dr Honolulu HI 96813	SPILLS
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Case No:	19950316	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Aloha Tower Market Place		
Address 1:	1 Aloha Tower Dr		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Aloha Tower Market Place		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Chris Takeno	Numerical Qty:	
Activity End Dt:		Units:	
Activity Result:	SOSC NFA		
Substances:	latex paint		

Geographic Information

Coordinate for Mapping:	TRUE
Latitude:	21.306656
Longitude:	-157.8657
Comments:	

41	4 of 4	NNW	0.07 / 385.86	3.28 / 0	Aloha Tower Market Place 1 Aloha Tower Dr Honolulu HI 96813	SPILLS
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Case No:	20031203-2317	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:	707009	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Aloha Tower Market Place		
Address 1:	1 Aloha Tower Dr		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address 2:
 Location (EHA):
 EP&R Envir Interest: Kapena Restaurant - Odor from boat
 Organization:
 Supplemental Location:

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Mike Cripps	Numerical Qty:	0
Activity End Dt:		Units:	Unknown
Activity Result:	SOSC NFA		
Substances:	diesel Fuel fumes		

Geographic Information

Coordinate for Mapping: TRUE
 Latitude: 21.306656
 Longitude: -157.8657
 Comments:

42	1 of 1	NNW	0.08 / 398.41	3.28 / 0	Pier 7 Aloha Tower Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20220517-1649	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Pier 7 Aloha Tower		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2022-05-18T02:49:50.6630000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2022-05-20T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Site Visit	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	Globs of oil near sea wall		
Location:	Pier 7 Aloha Tower		
Assigned SOSC:	elizabeth.galvez@doh.hawaii.gov		
NRC Incident Rpt No:	1336296		
Release Duration:			
Notified Agencies:			
Response Measure Taken:	Sample collected		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BC State Activity:
 Invoice To:
 Status Comment:
 Summary:

Report of alleged globs of oil. Site visit conducted and did not appear to be oil; sample collected to be analyzed

43	1 of 1	N	0.08 / 443.20	3.28 / 0	Ala Moana Storm Drain 100 Ala Moana Blvd Honolulu HI 96813	SPILLS
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Case No:	19900627-1	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Ala Moana Storm Drain		
Address 1:	100 Ala Moana Blvd		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Ala Moana Storm Drain		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	
Activity End Dt:		Units:	
Activity Result:	SOSC NFA		
Substances:	PAINT		

44	1 of 2	ENE	0.08 / 446.01	6.56 / 3	MELIM BLDG 333 QUEEN ST Honolulu HI 96813	LUST
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Facility ID:	9-100812		
Source:	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION		

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	910037
Status Date:	9/16/2008	Project Officer:	Darren Park

44	2 of 2	ENE	0.08 / 446.01	6.56 / 3	MELIM BLDG 333 QUEEN ST Honolulu HI 96813	UST
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Facility ID (LUST):	9-100812	Facility ID:	9-100812
Facility Name (LUST):	MELIM BLDG	Latitude:	21.306082
Street Address (LUST):	333 QUEEN ST	Longitude:	-157.861617
City (LUST):	Honolulu	Horiz. Ref. Datum:	NAD83
State (LUST):	HI	Horiz. Coll. Method:	Map
ZIP Code (LUST):	96813		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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UST Data Files

Tank ID:	R-3	Installed Date:	3/20/1966
Tank Status Desc:	Permanently Out of Use	Date Closed:	3/6/1993
Substance Desc:	Used Oil	Tank Capacity:	500
Organization Formal Name:	MELIM LTD.		
Organization Address:	333 QUEEN ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-1	Installed Date:	1/1/1959
Tank Status Desc:	Permanently Out of Use	Date Closed:	3/6/1993
Substance Desc:	Gasoline	Tank Capacity:	6000
Organization Formal Name:	MELIM LTD.		
Organization Address:	333 QUEEN ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-2	Installed Date:	3/20/1966
Tank Status Desc:	Permanently Out of Use	Date Closed:	3/13/1993
Substance Desc:	Gasoline	Tank Capacity:	6000
Organization Formal Name:	MELIM LTD.		
Organization Address:	333 QUEEN ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	910037
Latest Status Date:	9/16/2008	Project Officer:	Darren Park

45	1 of 9	ESE	0.08 / 446.46	3.28 / 0	KURE ATOLL, U.S. COAST GUARD 300 ALA MOANA BLVD, SUITE 8122 HONOLULU HI 968504982	CERCLIS
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Site ID:	0904867	RNPL Status Code:	N
Site EPA ID:	HID984470039	NPL Status:	Not on the NPL
Site Street Address 2:		RFED Facility Code:	Y
Site County Name:	HONOLULU	RFED Facility Desc:	Federal Facility
Site FIPS Code:	15003	USGS Hydro Unit No.:	
Region Code:	09	Site Cong. Dist. Code:	02
Site SMSA No.:		ROT Desc:	Unknown
Site Prim. Latitude:	28D23M40S	FR NPL Update No.:	
Site Prim. Longitude:	178D18M40S	RFRA Code:	
Lat Long Source:			
RNON NPL Status Desc:	Fed Fac Site Inspection Review Start Needed		

CERCLIS Site Contact Name(s)

Person ID:	9000059.00
First Name:	Eugenia
Last Name:	Chow
Phone No.:	4159723160
Email:	

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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OU ID: 00 **RALT Short Name:**
Act Code ID: **Act Start Date:**
RAT Code: **Act Complete Date:**
RAT Short Name: **AGT Order No.:** 0
RAT Name: **SH OU:**
RAT Hist. Only Flag: **SH Code:**
RAT NSI Indicator: **SH Seq:**
RAT Level: **SH Start Date:**
RAT DEF OU: **SH Complete Date:**
RFBS Code: **SH Lead:**
SPA Code:
RAT Def:
Site Desc: No description available
Site Alias: CG-KURE ATOLL,300 ALA MOANA BLVD, STE 8122,HONOLULU,HI,95620;

CERCLIS Assess History

OU ID: 00 **RALT Short Name:** EPA Fund
Act Code ID: 001 **Act Start Date:**
RAT Code: DS **Act Complete Date:** 7/9/1993 00:00:00
RAT Short Name: DISCVRY **AGT Order No.:** 10
RAT Name: DISCOVERY **SH OU:**
RAT Hist. Only Flag: **SH Code:**
RAT NSI Indicator: B **SH Seq:**
RAT Level: 1 **SH Start Date:**
RAT DEF OU: 00 **SH Complete Date:**
RFBS Code: **SH Lead:**
SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00 **RALT Short Name:** Fed Fac
Act Code ID: 001 **Act Start Date:**
RAT Code: PA **Act Complete Date:** 9/29/1993 00:00:00
RAT Short Name: PA **AGT Order No.:** 130
RAT Name: PRELIMINARY ASSESSMENT **SH OU:**
RAT Hist. Only Flag: **SH Code:**
RAT NSI Indicator: B **SH Seq:**
RAT Level: 1 **SH Start Date:**
RAT DEF OU: 00 **SH Complete Date:**
RFBS Code: P **SH Lead:**
SPA Code: 13
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

[45](#) 2 of9 **ESE** 0.08 / 446.46 3.28 / 0 **USCG** **RCRA**
300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT **NON GEN**
HONOLULU HI 96850

EPA Handler ID: HIP000035527
Gen Status Universe: No Report
Contact Name: BONNIE HO
Contact Address: 300 ALA MOANA NO 8134 , CIVIL ENGINEERS UNIT , HONOLULU , HI, 96850 , US
Contact Phone No and Ext: 808-541-2158
Contact Email:
Contact Country: US
County Name: HONOLULU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EPA Region: 09
 Land Type: Federal
 Receive Date: 20090814
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19980122
 Handler Name: USCG
 Source Type: Notification
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20090814
 Handler Name: USCG
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Federal	Street 1:	300 ALA MOANA NO 8134
Name:	USCG	Street 2:	
Date Became Current:		City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-541-2158	Country:	
Source Type:	Notification	Zip Code:	96850

Historical Handler Details

Receive Dt: 19980122
 Generator Code Description: Very Small Quantity Generator
 Handler Name: USCG

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	3 of 9	ESE	0.08 / 446.46	3.28 / 0	PJKK FEDERAL BLDG AND US COURTHOUSE 300 ALA MOANA BLVD HONOLULU HI 96850	RCRA VSQG

EPA Handler ID: HIR000139550
Gen Status Universe: VSG
Contact Name: DIANA SCHLUMPF
Contact Address: 300 ALA MOANA BLVD , , HONOLULU , HI, 96850 , US
Contact Phone No and Ext: 808-541-3630
Contact Email: DIANA.SCHLUMPF@GSA.GOV
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Federal
Receive Date: 20100211
Location Latitude: 21.303666
Location Longitude: -157.862331

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100211
Handler Name: PJKK FEDERAL BLDG AND US COURTHOUSE
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Federal
Name: GENERAL SERVICES ADMINISTRATION
Street No:
Street 1: 300 ALA MOANA BLVD
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:	19770101				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:					Country: US	
Source Type:	Notification				Zip Code: 96850	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Federal				Street 1: 300 ALA MOANA BLVD	
Name:	GENERAL SERVICES ADMINISTRATION				Street 2:	
Date Became Current:	19770101				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:					Country: US	
Source Type:	Notification				Zip Code: 96850	

[45](#) 4 of9 **ESE** 0.08 / 446.46 3.28 / 0 **KURE ATOLL, U.S. COAST GUARD** **SEMS**
300 ALA MOANA BLVD, SUITE 8122
HONOLULU HI 96850-4982

EPA ID:	HID984470039	Pgm Sys ID:	
Primary Nm (MAP):		Loc Addr (MAP):	
City Name:		Postal Code:	
Site Name:	KURE ATOLL, U.S. COAST GUARD	County Name:	
Street Address:	300 ALA MOANA BLVD, SUITE 8122	Latitude83:	
Street Address 2:		Longitude83:	
City:	HONOLULU	PGM SYS ID(CalOES):	
State:	HI	Name(CalOES):	
Zip:	96850-4982	Loc Addr(CalOES):	
County:	HONOLULU	City(CalOES):	
Latitude:	28.394444	Postal(CalOES):	
Longitude:	-178.311111	County(CalOES):	
Latitude83(CalOES):		Longitude83(CalOES):	
Data Source:	EPA Superfund Data and Reports Active Site Inventory (List 8R Active)		

Site Level Information

Site ID:	0904867	Superfund Alt Agmt:	No
NPL:	Not on the NPL	FIPS Code:	15003
Federal Facility:	Yes	Cong District:	02
FF Docket:	Yes	Region:	09
Non NPL Status:	Fed Fac Site Inspection Review Start Needed		

Action Information

Operable Units:	00	Start Actual:	
Action Code:	PA	Finish Actual:	9/29/1993 4:00:00 AM
Action Name:	PA	Qual:	H
SEQ:	1	Curr Action Lead:	Fed Fac
Operable Units:	00	Start Actual:	7/9/1993 4:00:00 AM
Action Code:	DS	Finish Actual:	7/9/1993 4:00:00 AM
Action Name:	DISCVRY	Qual:	
SEQ:	1	Curr Action Lead:	EPA Perf

[45](#) 5 of9 **ESE** 0.08 / 446.46 3.28 / 0 **PJKK FEDERAL BUILDING & U.S. COURTHOUSE** **DTNK**
300 Ala Moana Boulevard
Honolulu HI

Facility ID: 9-101930
Latitude:
Longitude:
Horiz. Ref. Datum:
Horiz. Coll. Method:
Source(s):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Original Source: UST
Record Date: 20-APR-2020

45	6 of 9	ESE	0.08 / 446.46	3.28 / 0	PJKK FEDERAL BLDG AND US COURTHOUSE 300 Ala Moana Boulevard Honolulu HI	HWM
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Site ID: 14385 Latitude: 21.303395
Longitude: -157.861652

Detail Information

El ID: HIR000139550
El Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Feb 11 2010

Affiliations Information

Affiliation Type Desc: Administrative Contact State: HI
Entity Name: DIANA SCHLUMPF Country: US
Entity Title: Zip Code: 96850
Address: 300 ALA MOANA BLVD Phone: (808) 541-3630
City: HONOLULU

Affiliation Type Desc: Operator State: HI
Entity Name: General Services Administration Country: US
Entity Title: Zip Code: 96850
Address: 300 ALA MOANA BLVD Phone:
City: HONOLULU

Affiliation Type Desc: Owner State: HI
Entity Name: General Services Administration Country: US
Entity Title: Zip Code: 96850
Address: 300 ALA MOANA BLVD Phone:
City: HONOLULU

45	7 of 9	ESE	0.08 / 446.46	3.28 / 0	USCG 300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT HONOLULU HI 96850	HWM
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Site ID: 12761 Latitude: 21.285776
Longitude: -157.847357

Detail Information

El ID: HIP000035527
El Description: HWM - Inactive
NFA Date: Jan 1 1900
Initial Investigation: Aug 14 2009

Affiliations Information

Affiliation Type Desc: Administrative Contact State: HI
Entity Name: BONNIE HO Country: US
Entity Title: Zip Code: 96850
Address: 300 ALA MOANA NO 8134 CIVIL ENGINEERS UNIT Phone: (808) 541-2158
City: HONOLULU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Affiliation Type Desc:		Owner			State:	HI
Entity Name:		USCG			Country:	
Entity Title:					Zip Code:	96850
Address:		300 ALA MOANA NO 8134			Phone:	(808) 541-2158
City:		HONOLULU				

45	8 of 9	ESE	0.08 / 446.46	3.28 / 0	PJJK Federal Building & U.S. Courthouse 300 ALA MOANA BLVD Honolulu HI	UST
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Facility ID (LUST):		Facility ID:	9-101930
Facility Name (LUST):		Latitude:	21.30335
Street Address (LUST):		Longitude:	-157.86331
City (LUST):		Horiz. Ref. Datum:	NAD83
State (LUST):		Horiz. Coll. Method:	GPS
ZIP Code (LUST):			
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-1	Installed Date:	2/1/1977
Tank Status Desc:	Permanently Out of Use	Date Closed:	2/18/1995
Substance Desc:	Diesel	Tank Capacity:	5000
Organization Formal Name:	U.S. GENERAL SERVICES ADMINISTRATION		
Organization Address:	300 Ala Moana Blvd		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57617		
Substance Comments:			

Tank ID:	R-1	Installed Date:	2/1/1977
Tank Status Desc:	Permanently Out of Use	Date Closed:	2/18/1995
Substance Desc:	Diesel	Tank Capacity:	5000
Organization Formal Name:	U.S. GENERAL SERVICES ADMINISTRATION		
Organization Address:	PJJK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96850		
Substance Comments:			

Tank ID:	R-1	Installed Date:	2/1/1977
Tank Status Desc:	Permanently Out of Use	Date Closed:	2/18/1995
Substance Desc:	Diesel	Tank Capacity:	5000
Organization Formal Name:	King and George LLC		
Organization Address:	300 Ala Moana Blvd, B-122		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	57617		
Substance Comments:			

Tank ID:	M-2	Installed Date:	1/1/1996
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	5000
Organization Formal Name:	U.S. GENERAL SERVICES ADMINISTRATION		
Organization Address:	PJJK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96850		
Substance Comments:			

Tank ID:	M-2	Installed Date:	1/1/1996
Tank Status Desc:	Currently In Use	Date Closed:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Desc: Diesel **Tank Capacity:** 5000
Organization Formal Name: U.S. GENERAL SERVICES ADMINISTRATION
Organization Address: 300 Ala Moana Blvd
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 57617
Substance Comments:

Tank ID: M-2 **Installed Date:** 1/1/1996
Tank Status Desc: Currently In Use **Date Closed:**
Substance Desc: Diesel **Tank Capacity:** 5000
Organization Formal Name: King and George LLC
Organization Address: 300 Ala Moana Blvd, B-122
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 57617
Substance Comments:

[45](#) 9 of 9 **ESE** **0.08 / 446.46** **3.28 / 0** **State of Hawaii - DLNR - 300 Ala Moana Blvd Honolulu HI 96850**

FED BROWNFIELDS

Property ID: 250305
Property Name: State of Hawaii - DLNR -
Address: 300 Ala Moana Blvd
City: Honolulu
State Code: HI
Zip Code: 96850
Lat Measure: 21.30466682
Long Measure: -157.8621548
Primary Name (Map): STATE OF HAWAII - DLNR -
Location Address (Map): 300 ALA MOANA BLVD
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96850
Latitude (Map): 21.30466682
Longitude (Map): -157.8621548
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162721	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		STATE OF HAWAII - DLNR -				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250305.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30466682&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8621548%2C21.30466682&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8621548%2C21.30466682&featype=point&radius=1.0	

ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		State of Hawaii - DLNR -				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30466682
Cleanup Drk Wat:					Longitude Measure:	-157.8621548
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-027-002				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.16				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		300 Ala Moana Blvd				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30466682
Cleanup Drk Wat:					Longitude Measure:	-157.8621548
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-027-002				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.16				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		300 Ala Moana Blvd				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30466682
Cleanup Drk Wat:					Longitude Measure:	-157.8621548
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-027-002				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.16				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		300 Ala Moana Blvd				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I Environmental Assessment
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30466682
Cleanup Drk Wat:		Longitude Measure:	-157.8621548
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-027-002		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			

Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: State of Hawaii - DLNR -
Property Size: .16
IC Data Address:
IC in Place Date:
Current Owner:
Address: 300 Ala Moana Blvd
City: Honolulu
State Code: HI
Zip Code: 96850
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501	Env EC in Place:	
GPA Type ID: 5	Env EC Required:	U
GPA Type Desc: Cleanup Activity	Env IC in Place:	
Dt RLF Loan Signed:	Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:	Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Flg EC Eng Barrier:	
Awp Catalystr Yn:	Flag EC Immblyztn:	
Assess ArsenIC :	Flag EC in Place:	
Assess Bldg Mats :	Flag EC Other:	
Assess Cadmium :	Flag EC Required:	U
Assess Chromium :	Flag EC Security:	
Assess Copper :	Flg Prop Not Enrld:	Y
Assess Iron :	Excavation Disposl:	
Assess Mercury :	Extrctn of Cntmnts:	
Assess Nickel :	FCA Fy:	
Assess None :	Ftr Multistry Acre:	
Assess oorair :	RFR Notation:	
Assess Pesticides :	RLF Ln Cst Shr Amt:	
Assess Selenium :	RLF Loan Amount:	
Assess Svocs :	RLF Subgrant Amt:	
Assess Unknown :	Sect 128 A St Trbl:	
Clnup Actvy Funded:	Interest Rate:	
Clnup ArsenIC :	Low Income:	
Clnup Bldg Mats :	Low Income Pct:	
Clnup Cadmium :	Median Income:	
Clnup Chromium :	Multipurpose:	
Clnup Copper :	Past Mltistry Acre:	
Clnup Cst Shr Amt:	Pro Code:	BF
Clnup Doc: N	Pro Income Amt:	
Clnup Iron :	Vacant Housing:	
Clnup Mercury :	Vacant Housing Pct:	
Clnup Nickel :	Total Unemployed:	
Clnup None :	Unemployed Pct:	
Clnup of Structures:	Below Poverty:	
Clnup oorair :	Below Poverty Pct:	
Clnup Pesticides :	Radius:	
Clnup Selenium :	Actvy Funded:	
Clnup Svocs :	Cost Share Amt:	
Clnup Unkn Media :	Rdctn of Cntmnts:	
Clnup Unknown :	Removal of Mats:	
Env Clnup Jobs:	Repayment Period:	
Env Pro Income Amt:		
Property Alias:		
AA Actvy Funded:		
AA Source of Funding:		
AA Amt Funding:		
Redev Fund Entity:		
Redev Lvrgd Srce:		
Redev Cmpltn Date:		
Clnup Trmt Tech Info:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30466682
Cleanup Drk Wat:		Longitude Measure:	-157.8621548
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-027-002		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	State of Hawaii - DLNR -		
Property Size:	.16		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	300 Ala Moana Blvd		
City:	Honolulu		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Rec:

46	1 of 1	N	0.09 / 450.27	3.28 / 0	HECO pipeline S Nimitz Hwy / Fort St intersection makai side Honolulu HI	SPILLS
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Case No:	20110110-1419	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	HECO pipeline		
Address 1:	S Nimitz Hwy / Fort St intersection		
Address 2:	makai side		
Location (EHA):			
EP&R Envir Interest:	HECO pipeline		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Curtis Martin	Numerical Qty:	0
Activity End Dt:		Units:	Unknown
Activity Result:			
Substances:	Petroleum		

47	1 of 1	NNW	0.09 / 455.83	3.28 / 0	PRIDE OF HAWAII IMO 9304057 1 ALOHA TOWER DR PIER 10 AND 11 HONOLULU HI 96813	HWM
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Site ID:	10465	Latitude:	21.306306
Longitude:	-157.865877		

Detail Information

EI ID:	HIR000106518
EI Description:	HWM - Inactive
NFA Date:	Jan 1 1900
Initial Investigation:	Aug 4 2008

Detail Information

EI ID:	HIR000136598
EI Description:	HWM - Small Quantity Generator
NFA Date:	
Initial Investigation:	Aug 17 2006

Detail Information

EI ID:	HIR000137281
EI Description:	HWM - Inactive
NFA Date:	Jan 1 1900
Initial Investigation:	Jul 2 2008

Evaluations Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violations Found:	No				Evaluation Notes:	Review of manifests from Norwegian Cruise Line's transporter.
Evaluation Date:	07-27-2015				Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection				Evaluation Program:	RCRAInfo
Evaluation Type:	Non-Financial Record Review				Evaluation Source:	RCRA
<u>Affiliations Information</u>						
Affiliation Type Desc:	Administrative Contact				State:	FL
Entity Name:	ERIC WOLFF				Country:	US
Entity Title:					Zip Code:	33166
Address:	7665 CORPORATE CENTER DR				Phone:	(305) 436-4256
City:	MIAMI					
Affiliation Type Desc:	Operator				State:	
Entity Name:	NCL AMERICA INC				Country:	US
Entity Title:					Zip Code:	
Address:					Phone:	
City:						
Affiliation Type Desc:	Owner				State:	DE
Entity Name:	PRIDE OF HAWAII INC				Country:	US
Entity Title:					Zip Code:	19801
Address:	1209 ORANGE ST				Phone:	
City:	WILMINGTON					
Affiliation Type Desc:	Administrative Contact				State:	FL
Entity Name:	ERIC WOLFF				Country:	US
Entity Title:					Zip Code:	33126
Address:	7665 CORPORATE CTR DR				Phone:	(786) 210-0301
City:	MIAMI					
Affiliation Type Desc:	Owner				State:	DE
Entity Name:	PRIDE OF AMERICA SHIP HOLDING INC				Country:	US
Entity Title:					Zip Code:	19801
Address:	1209 ORANGE ST				Phone:	
City:	DELEWARE					
Affiliation Type Desc:	Administrative Contact				State:	FL
Entity Name:	ERIC WOLFF				Country:	US
Entity Title:					Zip Code:	33126
Address:	7665 CORPORATE CTR DR FLEET OPERATIONS				Phone:	(305) 436-4256
City:	MIAMI DADE					
Affiliation Type Desc:	Owner				State:	DE
Entity Name:	PRIDE OF ALOHA INC				Country:	US
Entity Title:					Zip Code:	19801
Address:	1209 ORANGE ST				Phone:	
City:	WILMINGTON					

48	1 of 1	N	0.09 / 456.30	3.28 / 0	Manhole #19 at Fort Steet Mall & Nimitz Highway Fort St & Nimitz Hwy Honolulu HI 96813	SPILLS
Case No:	19920000-8				Location Island:	Oahu
Case No (EHA):					City:	Honolulu
HID No:					Zip:	96813
Fac Registry ID:					Island Name (EHA):	
NRC Incident Reprt:					City (EHA):	
Lead and Program:	HEER EP&R				Zip Code (EHA):	
Coordinatn Needed:						
Facility Site Name:	Manhole #19 at Fort Steet Mall & Nimitz Highway					
Address 1:	Fort St & Nimitz Hwy					
Address 2:						
Location (EHA):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EP&R Envir Interest: Manhole #19 at Fort Steet Mall & Nimitz Hwy
Organization:
Supplemental Location:

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	7
Activity End Dt:		Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	Diesel Fuel		

49	1 of 1	N	0.09 / 457.03	3.28 / 0	NORWEGIAN STAR FORT ST PIER 10-11 ALOHA TOWER HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000106526
Gen Status Universe: No Report
Contact Name: ERIC J WOLFF
Contact Address: 7665 CORPORATE CENTER DRIVE , FLEET OPERATIONS , MIAMI , FL, 33126 , US
Contact Phone No and Ext: 305-436-4256
Contact Email: EWOLFF@NCL.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Other
Receive Date: 20210830
Location Latitude: 21.30768
Location Longitude: -157.864756

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20010914
Handler Name: NORWEGIAN STAR
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code:	D000
Waste Code Description:	DESCRIPTION
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D009
Waste Code Description:	MERCURY
Hazardous Waste Code:	D011
Waste Code Description:	SILVER
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20040329
Handler Name:	NORWEGIAN STAR
Source Type:	Annual/Biennial Report
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U001				
Waste Code Description:		ACETALDEHYDE (I) (OR) ETHANAL (I)				

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060330
Handler Name: NORWEGIAN STAR
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20060614
Handler Name: NORWEGIAN STAR
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070207
Handler Name: NORWEGIAN STAR
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210830
Handler Name: NORWEGIAN STAR
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: NORWEGIAN STAR LTD	Street 2:
Date Became Current: 20011119	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: NORWEGIAN STAR, LTD.	Street 2:
Date Became Current: 20011119	City:
Date Ended Current:	State:
Phone:	Country: US
Source Type: Annual/Biennial Report	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Other	Street 1:
Name: NCL BAHAMAS LTD DBA NCL	Street 2:
Date Became Current: 20040423	City:
Date Ended Current:	State:
Phone:	Country: US
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: (SEE COMMENTS ON PAGE 3)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	NCL (BAHAMAS) LTD.				Street 2:	
Date Became Current:	20011119				City:	
Date Ended Current:					State:	
Phone:					Country:	GB
Source Type:	Annual/Biennial Report				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	7665
Type:	Other				Street 1:	CORPORATE CENTER DRIVE
Name:	NCL (BAHAMAS) LTD., D/B/A NCL				Street 2:	FLEET OPERATIONS
Date Became Current:	20040423				City:	MIAMI
Date Ended Current:					State:	FL
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	33126
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	P O BOX H M 463
Name:	NORWEGIAN CRUISE LINE LTD				Street 2:	
Date Became Current:					City:	HAMILTON
Date Ended Current:					State:	
Phone:	4412952208				Country:	BM
Source Type:	Notification				Zip Code:	99999
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	INTERNATIONAL HOUSE, CASTLE HI
Name:	NORWEGIAN STAR LTD.				Street 2:	LL, VICTORIA RD.
Date Became Current:	20011119				City:	DOUGLAS
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	00000
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	NORWEGIAN STAR LTD				Street 2:	
Date Became Current:	20011119				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Other				Street 1:	
Name:	NCL BAHAMAS LTD DBA NCL				Street 2:	
Date Became Current:	20040423				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	

Historical Handler Details

Receive Dt: 20070207
Generator Code Description: Not a Generator, Verified
Handler Name: NORWEGIAN STAR

Receive Dt: 20060614
Generator Code Description: Small Quantity Generator
Handler Name: NORWEGIAN STAR

Receive Dt: 20060330
Generator Code Description: Small Quantity Generator
Handler Name: NORWEGIAN STAR

Receive Dt: 20040329
Generator Code Description: Small Quantity Generator
Handler Name: NORWEGIAN STAR

Receive Dt: 20010914
Generator Code Description: Small Quantity Generator
Handler Name: NORWEGIAN STAR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
50	1 of 1	E	0.09 / 458.22	6.56 / 3	HECO Pad-Mount Transformer No. 55326 826 Millilani St Honolulu HI 96813	SPILLS

Case No: 20100922-1423
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HECO Pad-Mount Transformer No. 55326
Address 1: 826 Millilani St
Address 2:
Location (EHA):
EP&R Envir Interest: HECO Pad Mounted Transformer #55326 Release
Organization: Hawaiian Electric Co., Inc. (HECO)
Supplemental Location: HECO Pad-Mounted Transformer #55326

Location Island: Oahu
City: Honolulu
Zip: 96813
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Curtis Martin
Activity End Dt: 9/29/2010
Activity Result: SOSC NFA
Substances: Transformer Oil

Less/Greater than: >
Numerical Qty: 10
Units: Gallons

51	1 of 1	N	0.09 / 468.22	3.28 / 0	Group of people entering a door bypassing security 700 Fort St Honolulu HI	SPILLS
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Case No: 20140421-0702
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt: 1080181
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: Group of people entering a door bypassing security
Address 1: 700 Fort St
Address 2:
Location (EHA):
EP&R Envir Interest: Group of people entering a door bypassing security
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Adam Teekell
Activity End Dt: 4/21/2014
Activity Result: SOSC NFA
Substances: Unknown

Less/Greater than:
Numerical Qty: 0
Units:

52	1 of 2	N	0.10 / 510.91	3.28 / 0	Topa Financial Center 745 Fort St Honolulu HI 96813	ALT FUELS
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ID: 45952
Fuel Type Code: ELEC: Electric
Station Phone: 855-885-9571
Expected Date:

CNG Dispenser No:
CNG Site Renew Src:
CNG Tot Compr Cap:
CNG Storage Cap:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
BD Blends: NG PSI: Federal Agency ID: Open Date: 2012-01-31 Hydrogen is Retail: Federal Agency: Facility Type: Dt Last Confirmed: 2023-08-30 Updated at: 2023-08-30 01:11:04 UTC Access Code: public Access Detail Code: Groups with Access Code: Public Groups with Access Code Fr: Public Fed Agency Name: Hydrogen Status Link: E85 Other Ethanol Blends: NPS Unit Name: Cards Accepted: CNG Statn Sells Renewable Na: LNG Statn Sells Renewable Na: Maximum Vehicle Class: RD Blended With Biodiesel: RD Blends: RD Blends French: RD Maximum Biodiesel Level: Status: Open: The station is open. Owner Type Desc: E85 Blender Pump Desc: NG Fill Type Desc: NG Vehicle Class Desc: Geocode Status Desc: The location is from a real GPS readout at the station. Group with Access Desc: Publicly available to all customers. LPG Primary Desc: Intersection Directions: Access Days Time: Restricted Access:		CNG Fill Type Code: CNG PSI: CNG Vehicle Class: LNG Site Renew Src: LNG Vehicle Class: LPG Nozzle Types: Hydrogen Pressures: Hydrogen Standards: Latitude: 21.30761 Longitude: -157.86377				

52	2 of 2	N	0.10 / 510.91	3.28 / 0	PASHA HAWAII HOLDINGS LLC 745 FORT STREET, SUITE 315 TOPA FINANCIAL CENTER, FORT STREET TOWER HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIT000146183
Gen Status Universe: No Report
Contact Name: JAMES HIX
Contact Address: 745 , FORT STREET, SUITE 315 , TOPA FINANCIAL CENTER, FORT STREET TOWER , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 214-918-6946
Contact Email: JAMES_HIX@PASHANET.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20200708
Location Latitude: 21.30768
Location Longitude: -157.864756

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Importer Activity:		No				
Mixed Waste Generator:		No				
Transporter Activity:		Yes				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200708
Handler Name: PASHA HAWAII HOLDINGS LLC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: K171
Waste Code Description: SPENT HYDROTREATING CATALYST FROM PETROLEUM REFINING OPERATIONS, INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)

Hazardous Waste Code: K172
Waste Code Description: SPENT HYDROREFINING CATALYST FROM PETROLEUM REFINING OPERATIONS, INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No: 745
Type: Private	Street 1: FORT STREET, SUITE 315
Name: PASHA HAWAII HOLDINGS LLC	Street 2: TOPA FINANCIAL CENTER, FORT STREET TOWER
Date Became Current:	City: HONOLULU
Date Ended Current:	State: HI
Phone:	Country: US
Source Type: Notification	Zip Code: 96813

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 1800 AVENUE OF THE STARS, SUITE 1400
Name: DUESENBERG INVESTMENT COMPANY, LLC	Street 2:
Date Became Current:	City: LOS ANGELES
Date Ended Current:	State: CA
Phone:	Country: US
Source Type: Notification	Zip Code: 90067

53 1 of 1 **E** 0.10 / 513.13 6.56 / 3 Gov't - State of Hawaii
825 Milliani St.
Honolulu HI 96850

FED BROWNFIELDS

Property ID: 250295

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Property Name:			Gov't - State of Hawaii			
Address:			825 Mililani St.			
City:			Honolulu			
State Code:			HI			
Zip Code:			96850			
Lat Measure:			21.30475648			
Long Measure:			-157.861979			
Primary Name (Map):			GOV'T - STATE OF HAWAII			
Location Address (Map):			825 MILILANI ST.			
City Name (Map):			HONOLULU			
County Name (Map):			HONOLULU			
State Code (Map):			HI			
Postal Code (Map):			96850			
Latitude (Map):			21.30475648			
Longitude (Map):			-157.861979			
Data Source:			USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties			

Brownfields Details

Registry I:	110071162712	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	GOV'T - STATE OF HAWAII		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RCRA Drupa:

Repow Ref :

Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250295.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page

Census Url: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.861979%2C21.30475648&featype=point&radius=1.0>

ACS Url: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.861979%2C21.30475648&featype=point&radius=1.0>

ERR Lat Lo:

LUST ID:

SAA Site:

UST Landus:

UST Closed:

UST Open:

SF Site Na:

SF Non N 1:

SF Non N 2:

SF Non N 3:

SF Non Npl:

BF Prope 1:

Gov't - State of Hawaii

RCRA Han 1:

RCRA Rau I:

REPOW BF:

REPOW RCRA:

REPOW Re 1:

REPOW Ref1:

REPOW SF:

UST Status:

UST Substa:

UST SPA Fa:

UST SPA Wa:

UST WHPA F:

UST WHPA W:

Cleanups In My Community (CIMC)

Grant ID: 69604568

Grant Type: Assessment

EPA Region: 09

St Enrollment Dt:

St NFA Dt:

Ownshp Changed :

Ownership Entity: Private

Permit Tools :

Photo Available :

Source Mapscale No:

ASMT Air :

ASMT Asbestos :

ASMT Cntrl Sub :

ASMT Drk Wat:

ASMT Grd Water:

ASMT Lead :

ASMT Oth Cont:

ASMT Oth Metal :

ASMT Pahs :

ASMT PcbS :

ASMT Sediments :

ASMT Soil :

ASMT Srf Water :

ASMT VocS :

Asses Petrol Prod :

Assess Type: Phase I Environmental Assessment

Assess Amount: 611.47

Assess Cmpltn Dt: 05/31/2021

Assess Start Dt: 11/02/2020

Cleanup Amount:

Cleanup Acres:

Cleanup Start Dt:

Cleanup Cmpltn Dt:

Cleanup Air :

Cleanup Asbestos :

Cleanup Cntrl Sub :

Cleanup Drk Wat:

Cleanup Lead :

Cleanup Oth Cont:

Cleanup Oth Metal :

Cleanup Pahs :

Cleanup PcbS :

Clnup Petrol Prod :

Cleanup Sediments :

Cleanup Soil :

Cleanup Srf Water :

Cleanup VocS :

Prop Cntrl :

Prop Fnding Typ Cd:

Ready For Reuse : N

Redev Acres:

Flag Cleanup Reqd: U

Flag IC in Place:

Flag IC Required: U

Past Acres:

Past Cml Acres:

Past Grnspc Acres:

Past Res Acres:

Future Acres:

Future Cml Acres:

Future Grnspc Acre:

Future Res Acres:

Redev Amount:

Redev Cleanup Jobs:

Redev Start Dt:

Gov Cntrl :

Info DevlCes :

Sfllp Factor :

Stcntrbg:

Other Media :

Unknown Media :

Video Available :

Latitude Measure: 21.30475648

Longitude Measure: -157.861979

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Cleanup Grd Water:							
St Enrollment ID:							
Local Parcel No:		2-1-026-027					
Assess Fnd Ent Nm:		EPA					
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:							
Cleanup Fund Entity:							
Grant Recipient Name:		Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:							
Property Name:		Gov't - State of Hawaii					
Property Size:		.01					
IC Data Address:							
IC in Place Date:							
Current Owner:							
Address:		825 Mililani St.					
City:		Honolulu					
State Code:		HI					
Zip Code:		96850					
Horizontal Collection Method:							
Horizontal Reference Datum:							
Reference Point:							
Other Description:							
Other Desc Cleaned Up:							
Desc Hist:							
Coop Agreement No:	99T63501				Env EC in Place:	U	
GPA Type ID:	1				Env EC Required:	U	
GPA Type Desc:	Phase I Environmental Assessment					Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:		
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:		
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:		
Awp Catalyst Yn:					Flag EC Immblztn:		
Assess ArsenIC :					Flag EC in Place:	U	
Assess Bldg Mats :					Flag EC Other:		
Assess Cadmium :					Flag EC Required:	U	
Assess Chromium :					Flag EC Security:		
Assess Copper :					Flg Prop Not Enrld:	Y	
Assess Iron :					Excavation Disposl:		
Assess Mercury :					Extrctn of Cntmnts:		
Assess Nickel :					FCA Fy:	FY22	
Assess None :					Ftr Multistry Acre:		
Assess oorair :					RFR Notation:		
Assess Pesticides :					RLF Ln Cst Shr Amt:		
Assess Selenium :					RLF Loan Amount:		
Assess Svocs :					RLF Subgrant Amt:		
Assess Unknown :					Sect 128 A St Trbl:		
Clnup Actvy Funded:					Interest Rate:		
Clnup ArsenIC :					Low Income:		
Clnup Bldg Mats :					Low Income Pct:		
Clnup Cadmium :					Median Income:		
Clnup Chromium :					Multipurpose:		
Clnup Copper :					Past Mltistry Acre:		
Clnup Cst Shr Amt:					Pro Code:	BF	
Clnup Doc:					Pro Income Amt:		
Clnup Iron :					Vacant Housing:		
Clnup Mercury :					Vacant Housing Pct:		
Clnup Nickel :					Total Unemployed:		
Clnup None :					Unemployed Pct:		
Clnup of Structurs:					Below Poverty:		
Clnup oorair :					Below Poverty Pct:		
Clnup Pesticides :					Radius:		
Clnup Selenium :					Actvy Funded:		
Clnup Svocs :					Cost Share Amt:		
Clnup Unkn Media :					Rdctn of Cntmnts:		
Clnup Unknown :					Removal of Mats:		
Env Clnup Jobs:					Repayment Period:		
Env Pro Income Amt:							
Property Alias:							
AA Actvy Funded:		Phase I Environmental Assessment					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd SrCs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30475648
Cleanup Drk Wat:		Longitude Measure:	-157.861979
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-027		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Gov't - State of Hawaii		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		825 Mililani St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	U
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	U
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30475648
Cleanup Drk Wat:		Longitude Measure:	-157.861979
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-027		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Gov't - State of Hawaii		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	825 Mililani St.		
City:	Honolulu		
State Code:	HI		
Zip Code:	96850		
Horizontal Collection Method:			
Horizontal Reference Datum:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	U
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	U
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30475648
Cleanup Drk Wat:					Longitude Measure:	-157.861979
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-027				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Gov't - State of Hawaii				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		825 Mililani St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	U
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	U
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srce:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :
St Enrollment Dt:		Cleanup Pahs :
St NFA Dt:		Cleanup Pcb's :
Ownshp Changed :		Clnup Petrol Prod :
Ownership Entity:	Private	Cleanup Sediments :
Permit Tools :		Cleanup Soil :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30475648
Cleanup Drk Wat:					Longitude Measure:	-157.861979
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-027				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Gov't - State of Hawaii				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		825 Mililani St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96850				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	U
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	U
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess None :					<i>Ftr Multistry Acre:</i>	
Assess oorair :					<i>RFR Notation:</i>	
Assess Pesticides :					<i>RLF Ln Cst Shr Amt:</i>	
Assess Selenium :					<i>RLF Loan Amount:</i>	
Assess Svocs :					<i>RLF Subgrant Amt:</i>	
Assess Unknown :					<i>Sect 128 A St Trbl:</i>	
Clnup Actvy Funded:					<i>Interest Rate:</i>	
Clnup ArsenIC :					<i>Low Income:</i>	
Clnup Bldg Mats :					<i>Low Income Pct:</i>	
Clnup Cadmium :					<i>Median Income:</i>	
Clnup Chromium :					<i>Multipurpose:</i>	
Clnup Copper :					<i>Past Mltistry Acre:</i>	
Clnup Cst Shr Amt:					<i>Pro Code:</i>	BF
Clnup Doc:					<i>Pro Income Amt:</i>	
Clnup Iron :					<i>Vacant Housing:</i>	
Clnup Mercury :					<i>Vacant Housing Pct:</i>	
Clnup Nickel :					<i>Total Unemployed:</i>	
Clnup None :					<i>Unemployed Pct:</i>	
Clnup of Structures:					<i>Below Poverty:</i>	
Clnup oorair :					<i>Below Poverty Pct:</i>	
Clnup Pesticides :					<i>Radius:</i>	
Clnup Selenium :					<i>Actvy Funded:</i>	
Clnup Svocs :					<i>Cost Share Amt:</i>	
Clnup Unkn Media :					<i>Rdctn of Cntmnts:</i>	
Clnup Unknown :					<i>Removal of Mats:</i>	
Env Clnup Jobs:					<i>Repayment Period:</i>	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

54	1 of 1	ENE	0.10 / 527.82	8.86 / 6	FUDS Transportation Service Area No. 1 (Downtown) Richards and Queen Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1959
Site Name (Public iHEER): FUDS Transportation Service Area No. 1 (Downtown)
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Charles R. Kendall Building, Haseko Center, Media Five Plaza, Melim Building
Street (Public iHEER): Richards and Queen
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): DOD-IRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/4/2020 8:21:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ms Access ID (Public iHEER):	2796					
Suppl Loc (Public iHEER):	Melim Building, Media Five Plaza, Charles R. Kendall Building, and Haseko Center (portion)					
Tax Map Keys (Public iHEER):	121026014, 121026015, 121026016, 121026020					
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):	1959					
Site Name (PORTAL):	FUDS Transportation Service Area No. 1 (Downtown)					
Loc Desc (PORTAL):	Melim Building, Media Five Plaza, Charles R. Kendall Building, and Haseko Center (portion)					
Address (PORTAL):	Richards and Queen					
	Honolulu, HI 96813					
County (PORTAL):	Honolulu					
Island (PORTAL):	Oahu					
Status (PORTAL):	ASSESSMENT					
Priority (PORTAL):	Unranked					
Lead Agency (PORTAL):	HEER Office					
Program (PORTAL):	DOD-IRP					
Assigned Rpm (PORTAL):	—					
Details URL (PORTAL):	https://eha-cloud.doh.hawaii.gov/iheer#!/site/1959/details/view					
Data Source(s):	iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)					

iHEER System - Documents

Date :	Sep 1, 1994
Document No:	157335
Type:	Undetermined
Title:	DERP-FUDS Inventory Project Report, Transportation Service Area No 1, Honolulu, Oahu HI
Imported From:	105288#\Heersharepoint1\facilitiesite%20documents\105288.pdf

iHEER System - Locations Details

Locations ID:	6860
Location Type:	SB
Description:	
Comment :	
Centroid:	POINT (-157.86175557274336 21.305457401152061)
Geometry:	

POLYGON ((-157.86156683091866 21.306241929933943, -157.86256461266581 21.305512253862041, -157.86204962853679 21.30467262211717, -157.86089091424427 21.305412297953268, -157.86156683091866 21.306241929933943))

iHEER System - Locations Details

Locations ID:	6861
Location Type:	SC
Description:	
Comment :	
Centroid:	POINT (-157.86173299999996 21.305501999999997)
Geometry:	

POINT (-157.86173299999996 21.305501999999997)

Site Details

Centroid:	POINT (-157.86173299999996 21.305501999999997)
Updated On:	9/4/2020 8:21:00 AM
Coordinates:	21.305501999999997,-157.86173299999996

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Melim Building				
<u>iHEER System - Aliases</u>						
Name:		Charles R. Kendall Building				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Media Five Plaza				
<u>iHEER System - Aliases</u>						
Name:		Haseko Center				

55	1 of 1	WNW	0.10 / 528.29	0.00 / -3	Honolulu Harbor Pier 9 Honolulu HI 96813	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20220926-1404	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	96813
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor Pier 9		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2022-09-27T00:04:46.8870000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	false
Followup Recvd On:		Is Tier Two Facili:	false
Closed On:	2022-09-26T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rcovery:	false		
Release Name:	Honolulu Harbor Pier 9 Concrete Adhesive Spill		
Location:	Honolulu Harbor Pier 9		
Assigned SOSOC:	isaiah.kela-pacheco@doh.hawaii.gov		
NRC Incident Rpt No:	1348364		
Release Duration:			
Notified Agencies:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Response Measure Taken: Absorbents were used to clean up the spill.
BC State Activity:
Invoice To:
Status Comment:
Summary:

Less than half a gallon of Sika concrete bonding adhesive was spilled into the water while Global Specialty Contractors was completing construction work at the pier. The pier was pre-boomed prior to work beginning and the responsible party cleaned the spill using absorbent material.

iHEER System - Location Information

Site ID:
Location Type: RL
Description:
Geometry: POINT (-157.866636 21.306434999999997)
Centroid: POINT (-157.866636 21.306434999999997)

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20220926-1404	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	0.50 Gallons	Category:	Unlisted
Reported Amt Unit:		Description:	
Name:	Liquid		

56	1 of 1	SSW	0.10 / 529.08	0.00 / -3	Honolulu Harbor, Pier 2A Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20201120-0838	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor, Pier 2A		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	true
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2020-11-20T18:38:01.4900000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	false
Followup Recvd On:		Is Tier Two Facili:	false
Closed On:	2020-11-20T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	Site Visit	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rcovery:	false					
Release Name:		Unknown White Substance in Water Near Pier 2A				
Location:		Honolulu Harbor, Pier 2A				
Assigned SOSC:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:						
Release Duration:						
Notified Agencies:		USCG,DLNR-DAR,HIDOT-HARBOR				
Response Measure Taken:		The substance dispersed before HEER and USCG arrived on scene.				
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

An unknown white substance was spotted in the water on 11/20/20. It was first reported by Harbor Police, but it could not be identified and the source could not be determined. The HEER Office arrived on scene to investigate but the substance had dispersed and could not be found in the area.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Unknown White Substance
Geometry:	POINT (-157.865374 21.302084999999998)
Centroid:	POINT (-157.865374 21.302084999999998)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20201120-0838	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	Unlisted
Reported Amount:		Category:	
Reported Amt Unit:		Description:	
Name:	Liquid		

<u>57</u>	1 of 1	NNW	0.10 / 530.89	3.28 / 0	Honolulu Harbor, Pier 10 Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20201120-0944	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor, Pier 10		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:	NFA				Is Drill:	true
Inciden Substances:					Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean				Is Notificat Valid:	No
Reported On:	2020-11-20T19:44:27.1730000				Is Rprt Noteworthy:	false
Actual Release On:	2020-11-20T19:20:00.0000000				Is RMP:	false
Followup Recvd On:					Is Tier Two Facili:	false
Closed On:	2020-11-20T00:00:00.0000000				Affiliated Org:	
Coordinatn Needed:	None				Caller is Anonym:	false
Water Body:	Honolulu Harbor				Caller Name:	
BC St Inciden Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rcovery:	false					
Release Name:		Drill Pride of America Release to Harbor Drill				
Location:		Honolulu Harbor, Pier 10				
Assigned SOSOC:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:		1292727				
Release Duration:						
Notified Agencies:						
Response Measure Taken:		Boom and absorbents were applied.				
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

A vac truck released 2 barrels of waste oil from pier 10 in Honolulu Harbor. One barrel made it in the water. The vac truck was unloading waste oil from the Pride Of America and due to operator error overfilled the truck and spilled the oil. Boom and absorbents were used to contain the spill.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Drill Oil Release Drill
Geometry:	POINT (-157.865348 21.3075150000000006)
Centroid:	POINT (-157.865348 21.3075150000000006)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20201120-0944	Actual Amount Unit:	
Substance ID:		Potential Amount:	2 Barrels
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:		Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oil, Waste		

58 1 of 1 **SSW** 0.10 / 542.19 0.00 / -3 **Pier 2, Honolulu Harbor Honolulu HI** **SPILLS**

Case No:		Location Island:	
Case No (EHA):	20180707-2325	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility Site Name:
Address 1:
Address 2:
Location (EHA): Pier 2, Honolulu Harbor
EP&R Envir Interest:
Organization:
Supplemental Location:

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	false
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2018-07-08T09:25:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:	2018-07-07T18:53:00.0000000	Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2018-07-07T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	Less than 1 ml of oil in water from Pride of America		
Location:	Pier 2, Honolulu Harbor		
Assigned SOSOC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:	1217626		
Release Duration:			
Notified Agencies:	USCG		
Response Measure Taken:	Sheen dispersed naturally.		
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

An estimated 0.7-0.37 ml of hydraulic fluid got into the water at Pier 2. The Pride Of America was washing out a boat flatboard. Created a small sheen that dispersed naturally.

iHEER System - Location Information

Site ID:
Location Type: AL
Description: Small Sheen
Geometry: POINT (-157.86529199999998 21.302033999999988)
Centroid: POINT (-157.86529199999998 21.302033999999988)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20180707-2325	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	0 Liters	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Hydraulic Oil		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Document No: 2627 **Type:** 24-Hour Emergency Daily Call Log
Date: Jul 7, 2018 **Imported From:**
Title: 24 Hr Log
Document No Url: https://eha-cloud.doh.hawaii.gov/iheer/api/documents/2627/download

59	1 of 1	NNW	0.10 / 551.84	3.28 / 0	PIER 2 PIER 2 Honolulu HI 96818	UST
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Facility ID (LUST):	9-103797	Facility ID:	9-103797
Facility Name (LUST):	PIER 2	Latitude:	21.307138
Street Address (LUST):	PIER 2	Longitude:	-157.865785
City (LUST):	Honolulu	Horiz. Ref. Datum:	
State (LUST):	HI	Horiz. Coll. Method:	
ZIP Code (LUST):	96818		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	5/19/2005
Substance Desc:	Diesel	Tank Capacity:	500
Organization Formal Name:	STATE DOT - HARBORS DIVISION		
Organization Address:			
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96818		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	060014
Latest Status Date:	2/17/2006	Project Officer:	Richard Takaba

60	1 of 1	NNE	0.10 / 553.88	7.19 / 4	Alexander & Baldwin Properties, Inc. 822 Bishop St Honolulu HI 96732	SPILLS
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Case No:	20010829-1552	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96732
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:	578219	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Alexander & Baldwin Properties, Inc.		
Address 1:	822 Bishop St		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Alexander & Baldwin Properties, Inc.		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Activity Lead:	Bill Perry				Numerical Qty: 2	
Activity End Dt:					Units: Each	
Activity Result:		SOSC NFA				
Substances:		Unknown				

[61](#) 1 of 1 SSW 0.11 / 561.27 0.00 / -3 Honolulu Harbor, Pier 2 Honolulu HI **SPILLS**

Case No:		Location Island:	
Case No (EHA):	20171113-0849	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Honolulu Harbor, Pier 2		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	No
Reported On:	2017-11-13T18:49:30.0000000	Is Rprt Noteworthy:	false
Actual Release On:	2017-11-13T18:00:00.0000000	Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2017-11-14T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:	Honolulu Harbor	Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	Sheen Spotted From Vessel "Ocean Dream"		
Location:	Honolulu Harbor, Pier 2		
Assigned SOSC:	adam.teekell@doh.hawaii.gov		
NRC Incident Rpt No:	1197184		
Release Duration:			
Notified Agencies:	USCG,HIDOT-HARBOR		
Response Measure Taken:	A boom was put in place around the ship.		
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

A passenger ship was going to be refueled, when that refueling barge noticed a sheen before it pulled up. The sheen was 100 X 3 feet and was contained within a boom.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Sheen Discovered
Geometry:	POINT (-157.86527099999998 21.301977999999995)
Centroid:	POINT (-157.86527099999998 21.301977999999995)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20171113-0849	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	Sheen	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Unknown		

62	1 of 2	SE	0.11 / 585.32	3.28 / 0	PUNCHBOWL & POHUKAINA HONOLULU HI	HMIRS
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Incident County: HONOLULU

HMIR Historical Reports

Report No:	I-1999091576	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	09/18/1999	Report Submit Src:	Paper
Time of Incident:	1500	Inc Multiple Rows:	No
Haz Class Code:	3	Inc Non US State:	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	Mode Transport:	Highway
Commodity Short Nm:	ADHESIVES CONTAINING A	Transport Phase:	IN TRANSIT
Commodity Long Nm:	ADHESIVES CONTAINING A FLAMMABLE LIQUID	Incident Occrrnce:	
Trade Name:		Mat Ship Approval?:	No
ID No:	UN1133	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	AIRBORNE EXPRESS
Qty Released:	50	CR Street Name:	550 PAIEA STREET #504
Unit of Measure:	LGA	CR City:	HONOLULU
What Failed:	;	CR State:	HI
What Failed Desc:	;	CR Postal Code:	96819
How Failed Code:	303;	CR Non US State:	
How Failed Desc:	Burst or Ruptured;	CR Fed DOT ID:	0
Failure Cause Code:	519; 530	CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Blocking and Bracing; Over-pressurized	CR Country:	US
Ident. Markings:		Shipper Name:	REICHHOLD LLC 2
Cont1 Pkging Type:		Shipper Street Name:	237 S MOTOR AVE
Cont1 Const Mat:		Shipper City:	AZUSA
Cont1 Head Type:		Shipper State:	CA
Cont1 Pkg Capacity:	50	Shipper Postal:	91702-3228
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:		Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	3332848912
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	AZUSA
Cont1 Pkg Mnfctr:	G S T CORP	Origin State:	CALIFORNIA
Cont1 Pkg Mnfct Dt:		Origin Postal:	91702
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:		Destination City:	HONOLULU
C1 Pkg Dsign Pres.:		Destination State:	HAWAII
C1 Dsign Press UOM:		Destination Postal:	96817
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
C1 Head Thickness:					Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:					Cont2 Pkg Capacity:	
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfrctr:					Cont2 Pkg No:	
C1 Device Model:					Cont2 Pkg No Failed:	
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	0
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	0
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:					Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:					Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	LANCE T MAEDA
Damage > 500:	Yes				Contact Title:	FIELD SERVICE MGR
Material Loss:	0				Contact Business:	
Carrier Damage:	0				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	529				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	529				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0				HMIS Container Code:	DRUM FBR
Total Haz Hosp Inj:	0				HMIS Container Desc:	Fiber drum cont1 for solids cont2 for liquids
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:						

ON 09/18/99 OTIS WONG DRIVER FROM DVP OF HAWAII WAS MAKING A LEFT TURN FROM PUNCHBOWL TO POHUKAINA WHEN THE DRUM FILLED WITH LIQUID ADHESIVE FELL OVER INSIDE OF THE VAN. THE DRUM POPPED OPEN FROM THE TOP AND SPILLED TIS CONTENTS THROUGHOUT THE VEHICLE. OTIS IMMEDIATELY BROUGHT THE VEHICLE BACK TO THE DOCK WHERE IT WAS ULTIMATELY LEFT IN THE DOCKWELL. THE SHIPMENT WAS NOT PROPERLY BRACED WITHIN THE VEHICLE AND PER THE PHILLIPS SERVICES PERSONNEL THE SPILL RESPONSE TEAM IT MAY HAVE BURST FROM INTERNAL PRESSURE CAUSED BY THE VEHICLE. SPILL RESPONSE TEAM SHOULD HAVE BEEN CALLED IN ON 09/18/99 INSTEAD OF 09/20/99. SUPERVISOR IN CHARGE HAS BEEN DISCIPLINED.

Recommend Actions Taken:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
62	2 of 2	SE	0.11 / 585.32	3.28 / 0	PUNCHBOWL & POHUKAINA HONOLULU HI	HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No:	I-1999091576	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	1999-09-18	Report Submit Src:	Paper
Time of Incident:	1500	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	3	Mode Transport:	Highway
Commodity Short Nm:	ADHESIVES, CONTAINING A	Transport Phase:	In Transit
Commodity Long Nm:	ADHESIVES, CONTAINING A FLAMMABLE LIQUID	Incident Occrrnce:	
Trade Name:	ADHESIVE	Mat Ship Approval?:	No
ID No:	UN1133	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	AIRBORNE EXPRESS
Qty Released:	50	CR Street Name:	550 PAIEA ST #504
Unit of Measure:	Liquid - Gallon	CR City:	HONOLULU
What Failed:	;	CR State:	HI
What Failed Desc:	;	CR Postal Code:	96819
How Failed Code:	303;	CR Non US State:	
How Failed Desc:	Burst or Ruptured;	CR Fed DOT ID:	0
Failure Cause Code:	519; 530	CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Blocking and Bracing; Over-pressurized	CR Country:	US
Ident. Markings:		Shipper Name:	REICHHOLD CHEMICALS INC
Cont1 Pkging Type:		Shipper Street Name:	237 SOUTH MOTOR AVE
Cont1 Const Mat:		Shipper City:	AZUSA
Cont1 Head Type:		Shipper State:	CA
Cont1 Pkg Capacity:	50	Shipper Postal:	917020022
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	3332848912
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	G S T CORP	Origin State:	
Cont1 Pkg MnfcDt:	0-00-00 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	Origin Country:	US
C1 Test Const Mat:		Destination City:	HONOLULU
C1 Pkg Dsign Pres.:	0	Destination State:	HAWAII
C1 Dsign Press UOM:		Destination Postal:	96817
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:	0	Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0	Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	0
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	0
C1 Device Model:		Cont2 Pkg No Failed:	0
NRC No:		Haz NonHosp Public:	0
RAM Pkg Category:		Haz NonHosp Old:	
RAM Pkg Cert.:	FALSE	Tot Haz Non Hosp Inj:	
RAM Pkg Cert. NBR:		Total Hazmat Injuries:	0
RAM Nuclide S:		Evacuation Indicator:	No
RAM Transport Index:		Public Evacuated:	0
RAM UOM:		Employees Evac:	0
RAM Activity Rpted:	0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	LANCE T MAEDA
Damage > 500:	Yes				Contact Title:	FIELD SERVICE MGR
Material Loss:	0				Contact Business:	
Carrier Damage:	0				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	529				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	529				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat FataIs:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	DRUM NON-METAL
Haz Hosp Old Form:	0				HMIS Container Code:	DRUM FBR
Total Haz Hosp Inj:	0				HMIS Container Desc:	Fiber drum, cont1 for solids, cont2 for liquids
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:					<p>ON 09/18/99 OTIS WONG DRIVER FROM DVP OF HAWAII WAS MAKING A LEFT TURN FROM PUNCHBOWL TO POHUKAINA WHEN THE DRUM FILLED WITH LIQUID ADHESIVE FELL OVER INSIDE OF THE VAN. THE DRUM POPPED OPEN FROM THE TOP AND SPILLED TIS CONTENTS THROUGHOUT THE VEHICLE. OTIS IMMEDIATELY BROUGHT THE VEHICLE BACK TO THE DOCK WHERE IT WAS ULTIMATELY LEFT IN THE DOCKWELL. THE SHIPMENT WAS NOT PROPERLY BRACED WITHIN THE VEHICLE AND PER THE PHILLIPS SERVICES PERSONNEL THE SPILL RESPONSE TEAM, IT MAY HAVE BURST FROM INTERNAL PRESSURE CAUSED BY THE VEHICLE. SPILL RESPONSE TEAM SHOULD HAVE BEEN CALLED IN ON 09/18/99 INSTEAD OF 09/20/99. SUPERVISOR IN CHARGE HAS BEEN DISCIPLINED.</p>	

Recommend Actions Taken:
Report URL:

63	1 of 4	NE	0.11 / 592.68	9.31 / 6	Davies Pacific Center 841 Bishop St Honolulu HI 96813	ALT FUELS
ID:	50067				CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric				CNG Site Renew Src:	
Station Phone:	808-545-1121				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2012-11-01				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:	PAY_GARAGE				Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-10				Hydrogen Standards:	
Updated at:	2023-08-10 16:58:49 UTC				Latitude:	21.307437

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Access Code:	public			Longitude:	-157.862308	
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:	LD					
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:	Open: The station is open.					
Owner Type Desc:	Privately owned					
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.					
Group with Access Desc:	Publicly available to all customers.					
LPG Primary Desc:						
Intersection Directions:	Located on the 6th floor of the parking garage					
Access Days Time:	24 hours daily; pay lot; need to sign up for the station					
Restricted Access:	true					

63	2 of 4	NE	0.11 / 592.68	9.31 / 6	LONGS DRUG STORE #10295 841 BISHOP STREET HONOLULU HI 96813	HWM
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Site ID: 14744 Latitude:

Longitude:

Detail Information

EI ID: HIR000142083
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Mar 7 2016

Detail Information

EI ID: HIR000142083
EI Description: HWM - Large Quantity Generator
NFA Date:
Initial Investigation: Jun 29 2016

Affiliations Information

Affiliation Type Desc:	Owner	State:	HI
Entity Name:	DAVIES PACIFIC LLC	Country:	
Entity Title:		Zip Code:	96813
Address:	841 BISHOP STREET, #1700	Phone:	(808) 545-1121
City:	HONOLULU		

Affiliation Type Desc:	Administrative Contact	State:	RI
Entity Name:	NICOLE WILKINSON	Country:	
Entity Title:	SENIOR MANAGER, CORPORATE	Zip Code:	02895
Address:	1 CVS DRIVE, MAIL CODE 2340	Phone:	(401) 770-7132
City:	WOONSOCKET		

Affiliation Type Desc: Operator **State:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Entity Name:		LONGS DRUG STORES CALIFORNIA, L.L.C.		Country:		
Entity Title:				Zip Code:		
Address:				Phone:		
City:						
Affiliation Type Desc:		Administrative Contact		State:		RI
Entity Name:		NICOLE WILKINSON		Country:		US
Entity Title:		SENIOR MANAGER, CORPORATE		Zip Code:		02895
Address:		1 CVS DRIVE, MAIL CODE 2340		Phone:		(401) 770-7132
City:		WOONSOCKET				

63	3 of 4	NE	0.11 / 592.68	9.31 / 6	BAE SYSTEMS - HONOLULU ES 841 BISHOP STREET SUITE 300 HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HIR000146472
Gen Status Universe: VSG
Contact Name: SAMUEL SILVA
Contact Address: 841 , BISHOP STREET SUITE 300 , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-441-2587
Contact Email: SAMUEL.SILVA@BAESYSTEMS.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20201118
Location Latitude: 21.307836
Location Longitude: -157.862429

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201118
Handler Name: BAE SYSTEMS - HONOLULU ES
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET SUITE 117
Name:	DAVIES PACIFIC CENTER C/O PARALLEL CAPITAL PARTNERS	Street 2:	
Date Became Current:		City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Notification	Zip Code:	96813

Owner/Operator Ind:	Current Operator	Street No:	65
Type:	Private	Street 1:	SPIT BROOK ROAD
Name:	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.	Street 2:	NNH01-6C5
Date Became Current:		City:	NASHUA
Date Ended Current:		State:	NH
Phone:	603-885-0629	Country:	US
Source Type:	Notification	Zip Code:	03060

63	4 of 4	NE	0.11 / 592.68	9.31 / 6	LONGS DRUG STORE #10295 841 BISHOP STREET SUITE 105 HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000142083
Gen Status Universe: No Report
Contact Name: NICOLE WILKINSON
Contact Address: 1 , CVS DR MC2340 , , WOONSOCKET , RI, 02895 , US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20220523
Location Latitude: 21.308451
Location Longitude: -157.861591

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130819
Handler Name: LONGS DRUG STORE #10295
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160307
Handler Name: LONGS DRUG STORE #10295
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:						
Waste Code Description:						
Hazardous Waste Code:						
Waste Code Description:						
Hazardous Waste Code:						
Waste Code Description:						
Hazardous Waste Code:						
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Waste Code Description:						
Hazardous Waste Code:						
Waste Code Description:						
Hazardous Waste Code:						
Waste Code Description:						

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20160629
Handler Name: LONGS DRUG STORE #10295
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20180228
Handler Name: LONGS DRUG STORE #10295
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20200228
Handler Name: LONGS DRUG STORE #10295
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Waste Code Details</u>						
Hazardous Waste Code:			D001			
Waste Code Description:			IGNITABLE WASTE			
Hazardous Waste Code:			D002			
Waste Code Description:			CORROSIVE WASTE			
Hazardous Waste Code:			D007			
Waste Code Description:			CHROMIUM			
Hazardous Waste Code:			D009			
Waste Code Description:			MERCURY			
Hazardous Waste Code:			D010			
Waste Code Description:			SELENIUM			
Hazardous Waste Code:			D024			
Waste Code Description:			M-CRESOL			
Hazardous Waste Code:			P001			
Waste Code Description:			2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%			
Hazardous Waste Code:			P075			
Waste Code Description:			NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS			
Hazardous Waste Code:			U002			
Waste Code Description:			2-PROPANONE (I) (OR) ACETONE (I)			
Hazardous Waste Code:			U034			
Waste Code Description:			ACETALDEHYDE, TRICHLORO- (OR) CHLORAL			
Hazardous Waste Code:			U129			
Waste Code Description:			CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE			
Hazardous Waste Code:			U165			
Waste Code Description:			NAPHTHALENE			
Hazardous Waste Code:			U205			
Waste Code Description:			SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)			

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201119
Handler Name: LONGS DRUG STORE #10295
Source Type: Implementer
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		D024				
Waste Code Description:		M-CRESOL				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U034				
Waste Code Description:		ACETALDEHYDE, TRICHLORO- (OR) CHLORAL				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Hazardous Waste Code:		U165				
Waste Code Description:		NAPHTHALENE				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		20210119				
Handler Name:		LONGS DRUG STORE #10295				
Source Type:		Notification				
Federal Waste Generator Code:		3				
Generator Code Description:		Very Small Quantity Generator				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR)				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LINDANE

Hazardous Waste Code: U165
Waste Code Description: NAPHTHALENE

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20210718
Handler Name: LONGS DRUG STORE #10295
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U165
Waste Code Description: NAPHTHALENE

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220523
Handler Name: LONGS DRUG STORE #10295
Source Type: Deactivation
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET, #1700
Name:	DAVIES PACIFIC LLC	Street 2:	
Date Became Current:	20130318	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Implementer	Zip Code:	96813
Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET #1700
Name:	DAVIS PACIFIC LLC	Street 2:	
Date Became Current:	20130318	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.	Street 2:	
Date Became Current:	20130721	City:	
Date Ended Current:		State:	
Phone:		Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	
Owner/Operator Ind:	Current Operator	Street No:	1
Type:	Private	Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.	Street 2:	
Date Became Current:	20130721	City:	WOONSOCKET
Date Ended Current:		State:	RI
Phone:		Country:	US
Source Type:	Deactivation	Zip Code:	02895
Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET, #1700
Name:	DAVIES PACIFIC LLC	Street 2:	
Date Became Current:	20130318	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Deactivation	Zip Code:	96813
Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET, #1700
Name:	DAVIES PACIFIC LLC	Street 2:	
Date Became Current:	20130318	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	1
Type:	Private	Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.	Street 2:	
Date Became Current:	20130721	City:	WOONSOCKET
Date Ended Current:		State:	RI
Phone:		Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	02895
Owner/Operator Ind:	Current Owner	Street No:	841
Type:	Private	Street 1:	BISHOP STREET, #1700
Name:	DAVIES PACIFIC LLC	Street 2:	
Date Became Current:	20130318	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-545-1121	Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1: CVS DRIVE, MAIL CODE 2340	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.				Street 2:	
Date Became Current:	20130721				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:					Country: US	
Source Type:	Implementer				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	LONGS DRUG STORES CALIFORNIA, LLC				Street 2:	
Date Became Current:	20130721				City:	
Date Ended Current:					State:	
Phone:					Country: US	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No: 841	
Type:	Private				Street 1: BISHOP STREET, #1700	
Name:	DAVIES PACIFIC LLC				Street 2:	
Date Became Current:	20130318				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:	808-545-1121				Country:	
Source Type:	Notification				Zip Code: 96813	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.				Street 2:	
Date Became Current:	20130721				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No: 841	
Type:	Private				Street 1: BISHOP STREET, #1700	
Name:	DAVIES PACIFIC LLC				Street 2:	
Date Became Current:	20130318				City: HONOLULU	
Date Ended Current:					State: HI	
Phone:	808-545-1121				Country: US	
Source Type:	Notification				Zip Code: 96813	
Owner/Operator Ind:	Current Operator				Street No: 1	
Type:	Private				Street 1: CVS DRIVE, MAIL CODE 2340	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C.				Street 2:	
Date Became Current:	20130721				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:					Country: US	
Source Type:	Notification				Zip Code: 02895	

Historical Handler Details

Receive Dt: 20210718
Generator Code Description: Very Small Quantity Generator
Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20210119
Generator Code Description: Very Small Quantity Generator
Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20201119
Generator Code Description: Large Quantity Generator
Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20200228
Generator Code Description: Large Quantity Generator
Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20180228
Generator Code Description: Large Quantity Generator
Handler Name: LONGS DRUG STORE #10295

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Dt: 20160629
 Generator Code Description: Large Quantity Generator
 Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20160307
 Generator Code Description: Very Small Quantity Generator
 Handler Name: LONGS DRUG STORE #10295

Receive Dt: 20130819
 Generator Code Description: Very Small Quantity Generator
 Handler Name: LONGS DRUG STORE #10295

64	1 of 1	NW	0.11 / 596.86	3.28 / 0	Aloha Tower Development Nimitz Hwy Honolulu HI 96818	INST
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HID No:	HID984466706	Lead Agency:	HEER
Fac Registry ID:	110013782512	Project Manager:	Unassigned
Assessment:	Assessment Ongoing	Document Date:	
Response:		Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc Zip Suffix:	
Priority:	Low	Latitude:	21.307056
Engineer Control:		Longitude:	-157.865981
Institutional Control:			
Supplemental Location:	Honolulu Harbor Pier 08-14		
Within Design. Area Contam.:	Honolulu Harbor Downtown Unit		
SDAR Enviro Interest Name:	Aloha Tower Development		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: TPH,PAHs,VOCs, metals, PCBs		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:			
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Yes
Latitude: 21.307056
Longitude: -157.865981
Comments: ADDR_2: Aloha Tower's TMK: 21001013 XTRA_ADD: PrimaryTemp LOCATION_1: Coordinates appear to be Aloha Tower Parking lot, northwest corner (Mapquest)
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping: Additional coordinates.
Latitude: 21.307058
Longitude: -157.865982
Comments:
Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.34763
Longitude: -157.945547
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121001014
Acres from TMK:
Description of Portion: TMK owner State of Hawaii

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

TMK: 121001013
 Acres from TMK: 121001013
 Description of Portion: Aloha Tower; TMK owner State of Hawaii
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	2104	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	66	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	Nimitz Hwy
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	770	Incident ID:	
Location Type:	SC	Description:	EPO; PrimaryTemp ; Aloha Tower's TMK: 21001013; Coordinates appear to be Aloha Tower Parking lot, northwest corner (Mapquest); ADDR_2: Aloha Tower's TMK: 21001013 XTRA_ADD: PrimaryTemp LOCATION_1: Coordinates appear to be Aloha Tower Parking lot, northwe **Note: data in the [Comment] field for some records is truncated from the source.
Comment:			
Geometry:	POINT (-157.866 21.3071)		
Centroid:	POINT (-157.866 21.3071)		

65	1 of 1	NW	0.12 / 629.10	0.00 / -3	Aloha Tower Honolulu HI	SPILLS
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Case No:		Location Island:	
Case No (EHA):	20201022-1150	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Aloha Tower		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Ocean	Is Notificat Valid:	Unknown
Reported On:	2020-10-22T21:50:11.9400000	Is Rprt Noteworthy:	false

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Actual Release On:					Is RMP:	false
Followup Recvd On:					Is Tier Two Facili:	false
Closed On:	2020-10-22T00:00:00.0000000				Affiliated Org:	
Coordinatn Needed:	Off-scene				Caller is Anonym:	false
Water Body:	Honolulu Harbor				Caller Name:	
BC St Inciden Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rcovery:	false					
Release Name:		Oily Water Release From Semisub				
Location:		Aloha Tower				
Assigned SOS:		adam.teekell@doh.hawaii.gov				
NRC Incident Rpt No:						
Release Duration:						
Notified Agencies:		CWB,USCG				
Response Measure Taken:		Absorbents were placed in the water to try and take up the sheen.				
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

Aloha Tower reported a sheen coming from the Semisub. USCG investigated and the owner of the semisub admitted to his crew dumping a few buckets of oily water from the engine room to the harbor.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Oily water release
Geometry:	POINT (-157.866546 21.306801000000007)
Centroid:	POINT (-157.866546 21.306801000000007)

iHEER System - Notes Information

Incident:		Site:	
Site ID:		Stage:	
Description:			

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20201022-1150	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	3 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oily Water Mixture		

66	1 of 1	ENE	0.12 / 638.91	9.84 / 7	TRANSPORTATION SER AREA	FUDS
					HONOLULU HI	

FUDS Property No:	H09HI0332
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=54626
FUDS INST ID:	HI99799F405400
Status:	Properties without projects

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SDS ID:
NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: PRIV: PRIVATE HAWAII SOLO CO
Has Project: No
DOD FUDS Pro: H09HI0332
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.30583333
Longitude: -157.86111111
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:
X: -157.861083984
Y: 21.305786133
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Property History:

Feature Description:

OPERATIONS AT THE PROJECT SITE INCLUDED THE SERVICING OF OFFICIAL MILITARY CARS AND SMALL PICK-UP TRUCKS.

67	1 of 1	SSW	0.12 / 645.77	0.00 / -3	Pier 2C, Honolulu Harbor Honolulu HI	SPILLS
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Case No: Case No (EHA): 20220111-0801 HID No: Fac Registry ID: NRC Incident Reprt: Lead and Program: Coordinatn Needed: Facility Site Name: Address 1: Address 2: Location (EHA): Pier 2C, Honolulu Harbor EP&R Envir Interest: Organization: Supplemental Location:	Location Island: City: Zip: Island Name (EHA): Oahu City (EHA): Honolulu Zip Code (EHA):
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iHEER System - Additional Information

Status: NFA Inciden Substances: Prim Media Impactd: Ocean Reported On: 2022-01-11T18:01:08.6570000 Actual Release On: 2022-01-11T17:45:00.0000000 Followup Recvd On: Closed On: 2022-01-11T00:00:00.0000000 Coordinatn Needed: Off-scene	Is Drill: false Is Fugitive Dumpin: true Is Notificat Valid: Yes Is Rprt Noteworthy: false Is RMP: Is Tier Two Facili: Affiliated Org: Caller is Anonym: false
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Water Body:	Honolulu Harbor				Caller Name:	
BC St Inciden Type:					Caller Phone:	
BC State Cause Typ:					Tax Map Key:	
BC State Cause:					Island ID:	8
BC State Source Ty:					County Code:	OA
BC State Source:					County:	Honolulu
Is BC State:	false				State:	HI
Is Cost Rovery:						
Release Name:	Unknown Sheen in Honolulu Harbor By Pier 2C					
Location:	Pier 2C, Honolulu Harbor					
Assigned SOSOC:	adam.teekell@doh.hawaii.gov					
NRC Incident Rpt No:	1326322					
Release Duration:						
Notified Agencies:	USCG,HIDOT-HARBOR					
Response Measure Taken:	USCG and DOT Harbors were able to locate the sheen but it was non recoverable and dissipating on its own.					
BC State Activity:						
Invoice To:						
Status Comment:						
Summary:						

An unknown sheen was reported in Honolulu Harbor by Pier 2C. The sheen was described as 100X10 feet. USCG was able to locate the sheen and described it as rainbow and not recoverable.

iHEER System - Location Information

Site ID:	
Location Type:	AL
Description:	Unknown Sheen
Geometry:	POINT (-157.865588 21.301805000000012)
Centroid:	POINT (-157.865588 21.301805000000012)

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20220111-0801	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	Yes
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	Sheen	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Unknown		

68	1 of 4	SE	0.12 / 646.52	3.28 / 0	KAAHUMANU HALE 777 PUNCHBOWL ST Honolulu HI 96813	UST
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Facility ID (LUST):		Facility ID:	9-103481
Facility Name (LUST):		Latitude:	
Street Address (LUST):		Longitude:	
City (LUST):		Horiz. Ref. Datum:	
State (LUST):		Horiz. Coll. Method:	
ZIP Code (LUST):			
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-1	Installed Date:	
Tank Status Desc:	Permanently Out of Use	Date Closed:	8/18/1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Desc:	Diesel				Tank Capacity:	250
Organization Formal Name:	STATE OF HAWAII JUCICIARY					
Organization Address:	417 S. KING ST					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						

68	2 of 4	SE	0.12 / 646.52	3.28 / 0	KAAHUMANU HALE 777 PUNCHBOWL STREET HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID:	HIR000143917
Gen Status Universe:	VSG
Contact Name:	WAYNE S TANIGUCHI
Contact Address:	777 , PUNCHBOWL STREET , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext:	808-539-4348
Contact Email:	WAYNE.S.TANIGUCHI@COURTS.HAWAII.GOV
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	State
Receive Date:	20160826
Location Latitude:	21.305734
Location Longitude:	-157.857134

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20160826
Handler Name:	KAAHUMANU HALE
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: State
Name: DEPARTMENT OF LAND AND NATURAL RESOURCES
Date Became Current: 19800131
Date Ended Current:
Phone: 808-587-0400
Source Type: Notification

Street No:
Street 1: 1151 PUNCHBOWL ST
Street 2:
City: HONOLULU
State: HI
Country: US
Zip Code: 96813

Owner/Operator Ind: Current Operator
Type: State
Name: THE JUDICIARY - STATE OF HAWAII
Date Became Current: 19891024
Date Ended Current:
Phone:
Source Type: Notification

Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

68	3 of 4	SE	0.12 / 646.52	3.28 / 0	KAAHUMANU HALE 777 Punchbowl Street Honolulu HI	HWM
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Site ID: 15835
Longitude: -157.861540
Latitude: 21.302829

Detail Information

EI ID: HIR000143917
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Aug 26 2016

Affiliations Information

Affiliation Type Desc: Owner
Entity Name: DEPARTMENT OF LAND AND NATURAL RESOURCES
Entity Title:
Address: 1151 PUNCHBOWL ST
City: HONOLULU

State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-0400

Affiliation Type Desc: Operator
Entity Name: THE JUDICIARY - STATE OF HAWAII
Entity Title:
Address:
City:

State:
Country: US
Zip Code:
Phone:

Affiliation Type Desc: Administrative Contact
Entity Name: WAYNE TANIGUCHI
Entity Title: HAWAII JUDICIARY FIRST CIRCUIT FACILITIES MGR
Address: 777 PUNCHBOWL STREET
City: HONOLULU

State: HI
Country: US
Zip Code: 96813
Phone: (808) 539-4348

68	4 of 4	SE	0.12 / 646.52	3.28 / 0	State of Hawaii/DLNR 777 Punchbowl St. Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250297
Property Name: State of Hawaii/DLNR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address:			777 Punchbowl St.			
City:			Honolulu			
State Code:			HI			
Zip Code:			96813			
Lat Measure:			21.30304914			
Long Measure:			-157.8609616			
Primary Name (Map):			STATE OF HAWAII/DLNR			
Location Address (Map):			777 PUNCHBOWL ST.			
City Name (Map):			HONOLULU			
County Name (Map):			HONOLULU			
State Code (Map):			HI			
Postal Code (Map):			96813			
Latitude (Map):			21.30304914			
Longitude (Map):			-157.8609616			
Data Source:			USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties			

Brownfields Details

Registry I:	110071162713	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	STATE OF HAWAII/DLNR		
RCRA Drupa:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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REPOW Ref :
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%222250297.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8609616%2C21.30304914&featype=point&radius=1.0
ACS Url: https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8609616%2C21.30304914&featype=point&radius=1.0

ERR Lat Lo:		UST Status:
LUST ID:		UST Substa:
SAA Site:		UST SPA Fa:
UST Landus:		UST SPA Wa:
UST Closed:		UST WHPA F:
UST Open:		UST WHPA W:
SF Site Na:		
SF Non N 1:		
SF Non N 2:		
SF Non N 3:		
SF Non Npl:		
BF Prope 1:	State of Hawaii/DLNR	
RCRA Han 1:		
RCRA Rau I:		
REPOW BF:		
REPOW RCRA:		
REPOW Re 1:		
REPOW Ref1:		
REPOW SF:		

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30304914
Cleanup Drk Wat:		Longitude Measure:	-157.8609616
Cleanup Grd Water:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
St Enrollment ID:						
Local Parcel No:		2-1-030-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:						
		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:						
		State of Hawaii/DLNR				
Property Size:						
		.03				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:						
		777 Punchbowl St.				
City:						
		Honolulu				
State Code:						
		HI				
Zip Code:						
		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:						
		99T63501				
GPA Type ID:						
		6				
GPA Type Desc:						
		Acres Cleaned Up				
Dt RLF Loan Signed:						
Dt RLF Sbrnt Sgnd:						
Accmplisht Cnt Flg:						
Awp Catalyst Yn:						
Assess ArsenIC :						
Assess Bldg Mats :						
Assess Cadmium :						
Assess Chromium :						
Assess Copper :						
Assess Iron :						
Assess Mercury :						
Assess Nickel :						
Assess None :						
Assess oorair :						
Assess Pesticides :						
Assess Selenium :						
Assess Svocs :						
Assess Unknown :						
Clnup Actvy Funded:						
Clnup ArsenIC :						
Clnup Bldg Mats :						
Clnup Cadmium :						
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:						
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structures:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
Env EC in Place:						
						U
Env EC Required:						
						U
Env IC in Place:						
Flg Clnup Trmt Tec:						
Flag EC Cover Tech:						
Flg EC Eng Barrier:						
Flag EC Immblyzn:						
Flag EC in Place:						
Flag EC Other:						
						U
Flag EC Required:						
Flag EC Security:						
						Y
Flg Prop Not Enrld:						
Excavation Disposl:						
Exctrctn of Cntmnts:						
FCA Fy:						
Ftr Multistry Acre:						
RFR Notation:						
RLF Ln Cst Shr Amt:						
RLF Loan Amount:						
RLF Subgrant Amt:						
Sect 128 A St Trbl:						
Interest Rate:						
Low Income:						
Low Income Pct:						
Median Income:						
Multipurpose:						
Past Mltistry Acre:						
						BF
Pro Code:						
Pro Income Amt:						
Vacant Housing:						
Vacant Housing Pct:						
Total Unemployed:						
Unemployed Pct:						
Below Poverty:						
Below Poverty Pct:						
Radius:						
Actvy Funded:						
Cost Share Amt:						
Rdctn of Cntmnts:						
Removal of Mats:						
Repayment Period:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30304914
Cleanup Drk Wat:		Longitude Measure:	-157.8609616
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-003		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	State of Hawaii/DLNR		
Property Size:	.03		

IC Data Address:
IC in Place Date:
Current Owner:
Address: 777 Punchbowl St.
City: Honolulu
State Code: HI
Zip Code: 96813
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 10
GPA Type Desc: Redevelopment Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbgrrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structures:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Other Forms of Doc:

Highlights:

Ctmnt Cleanedup:

Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30304914
Cleanup Drk Wat:		Longitude Measure:	-157.8609616
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-003		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	State of Hawaii/DLNR		
Property Size:	.03		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	777 Punchbowl St.		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqcd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	611.47				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021				Redev Start Dt:	
Assess Start Dt:	11/02/2020				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30304914
Cleanup Drk Wat:					Longitude Measure:	-157.8609616
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-030-003					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	State of Hawaii/DLNR					
Property Size:	.03					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	777 Punchbowl St.					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :
St Enrollment Dt:		Cleanup Pahs :
St NFA Dt:		Cleanup Pcbs :
Ownshp Changed :		Clnup Petrol Prod :
Ownership Entity:	Private	Cleanup Sediments :
Permit Tools :		Cleanup Soil :
Photo Available :		Cleanup Srf Water :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcctrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30304914
Cleanup Drk Wat:					Longitude Measure:	-157.8609616
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR				
Property Size:		.03				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		777 Punchbowl St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Assess oorair : Assess Pesticides : Assess Selenium : Assess Svocs : Assess Unknown : Clnup Actvy Funded: Clnup ArsenIC : Clnup Bldg Mats : Clnup Cadmium : Clnup Chromium : Clnup Copper : Clnup Cst Shr Amt: Clnup Doc: Clnup Iron : Clnup Mercury : Clnup Nickel : Clnup None : Clnup of Structurs: Clnup oorair : Clnup Pesticides : Clnup Selenium : Clnup Svocs : Clnup Unkn Media : Clnup Unknown : Env Clnup Jobs: Env Pro Income Amt: Property Alias: AA Actvy Funded: AA Source of Funding: AA Amt Funding: Redev Fund Entity: Redev Lvrgd Srcs: Redev Crmplt Date: Clnup Trmt Tech Info: EC Data Address: EC Addl Info: Env IC Data Address: IC Addl Info: Ctmnt Found: Other Forms of Doc: Highlights: Ctmnt Cleanedup: Media Affected:	N				RFR Notation: RLF Ln Cst Shr Amt: RLF Loan Amount: RLF Subgrant Amt: Sect 128 A St Trbl: Interest Rate: Low Income: Low Income Pct: Median Income: Multipurpose: Past Mltistry Acre: Pro Code: Pro Income Amt: Vacant Housing: Vacant Housing Pct: Total Unemployed: Unemployed Pct: Below Poverty: Below Poverty Pct: Radius: Actvy Funded: Cost Share Amt: Rdctn of Cntmnts: Removal of Mats: Repayment Period:	BF	
Ctmnt Rec:							

69 1 of 4 N 0.12 / 648.05 3.28 / 0 Possible Oil Leak From Barge
79 S Nimitz Hwy Pier One SPILLS
Honolulu HI 96813

Case No:	20140824-0515	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:	1093278	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	Possible Oil Leak From Barge		
Address 1:	79 S Nimitz Hwy		
Address 2:	Pier One		
Location (EHA):			
EP&R Envir Interest:	Possible Oil Leak From Barge		
Organization:			
Supplemental Location:			

Spill Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Activity Type: Response
Activity Lead: Adam Teekell
Activity End Dt: 8/24/2014
Activity Result: SOSC NFA
Substances: Oil

Less/Greater than:
Numerical Qty: 0
Units: Unknown

69	2 of 4	N	0.12 / 648.05	3.28 / 0	Unknown sheen 930597 79 S Nimitz Hwy Honolulu HI 96813	SPILLS
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Case No: 20100205-0810
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt: 930597
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: Unknown sheen 930597
Address 1: 79 S Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Unknown Sheen 930592_x000D_
Unknown Sheen 930597
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip: 96813
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result:
Substances: Unknown

Less/Greater than:
Numerical Qty: 0
Units:

69	3 of 4	N	0.12 / 648.05	3.28 / 0	HONOLULU HARBORS ADMINISTRATION BUILDING 79 S. NIMITZ HIGHWAY HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HID982510158
Gen Status Universe: VSG
Contact Name: MICHELE FREITAS
Contact Address: 79 S. NIMITZ HIGHWAY , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-587-1976
Contact Email: MICHELE.GN.FREITAS@HAWAII.GOV
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: State
Receive Date: 20221024
Location Latitude: 21.308577
Location Longitude: -157.864465

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19891026
 Handler Name: D O T HARBORS DIVISION
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator
 Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20160621
 Handler Name: HONOLULU HARBORS ADMINISTRATION BUILDING
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20221024
 Handler Name: HONOLULU HARBORS ADMINISTRATION BUILDING
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	NOT REQUIRED
Name:	D O T HARBORS DIVISION	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Notification	Zip Code:	99999
Owner/Operator Ind:	Current Operator	Street No:	
Type:	State	Street 1:	79 S. NIMITZ HIGHWAY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	DOT - HARBORS DIVISION				Street 2:	
Date Became Current:	19590819				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-1976				Country:	US
Source Type:	Implementer				Zip Code:	96813
Owner/Operator Ind:	Current Owner				Street No:	
Type:	State				Street 1:	79 S. NIMITZ HIGHWAY
Name:	DOT HARBORS DIVISION				Street 2:	
Date Became Current:	19590819				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-1976				Country:	US
Source Type:	Implementer				Zip Code:	96813
Owner/Operator Ind:	Current Owner				Street No:	
Type:	State				Street 1:	79 S. NIMITZ HIGHWAY
Name:	DOT HARBORS DIVISION				Street 2:	
Date Became Current:	19590819				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-1976				Country:	US
Source Type:	Notification				Zip Code:	96813
Owner/Operator Ind:	Current Operator				Street No:	
Type:	State				Street 1:	79 S. NIMITZ HIGHWAY
Name:	DOT - HARBORS DIVISION				Street 2:	
Date Became Current:	19590819				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-1976				Country:	US
Source Type:	Notification				Zip Code:	96813
Owner/Operator Ind:	Current Operator				Street No:	
Type:	State				Street 1:	NOT REQUIRED
Name:	NOT REQUIRED				Street 2:	
Date Became Current:					City:	NOT REQUIRED
Date Ended Current:					State:	ME
Phone:	415-555-1212				Country:	
Source Type:	Notification				Zip Code:	99999

Historical Handler Details

Receive Dt: 20160621
Generator Code Description: Very Small Quantity Generator
Handler Name: HONOLULU HARBORS ADMINISTRATION BUILDING

Receive Dt: 19891026
Generator Code Description: Small Quantity Generator
Handler Name: D O T HARBORS DIVISION

69 **4 of 4** **N** **0.12 / 648.05** **3.28 / 0** **Unknown sheen 930597** **SPILLS**
79 S Nimitz Hwy
Honolulu HI 96813

Case No: 20081128-0722 **Location Island:** Oahu
Case No (EHA): **City:** Honolulu
HID No: **Zip:** 96813
Fac Registry ID: **Island Name (EHA):**
NRC Incident Reprt: 891164 **City (EHA):**
Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed: None
Facility Site Name: Unknown sheen 930597
Address 1: 79 S Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: NRC 891164
Organization:
Supplemental Location: Passenger Cruise Ship Terminal

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Spill Information						
Activity Type:	Response				Less/Greater than:	
Activity Lead:	Liz Galvez				Numerical Qty:	0
Activity End Dt:					Units:	
Activity Result:						
Substances:	Security Breach					

70	1 of 1	SSE	0.12 / 652.98	3.28 / 0	Ala Moana Boulevard & Punchbowl Street Ala Moana Blvd & Punchbowl St Honolulu HI 96813	SPILLS
Case No:	19940901				Location Island:	Oahu
Case No (EHA):					City:	Honolulu
HID No:					Zip:	96813
Fac Registry ID:					Island Name (EHA):	
NRC Incident Reprt:					City (EHA):	
Lead and Program:	HEER EP&R				Zip Code (EHA):	
Coordinatn Needed:						
Facility Site Name:	Ala Moana Boulevard & Punchbowl Street					
Address 1:	Ala Moana Blvd & Punchbowl St					
Address 2:						
Location (EHA):						
EP&R Envir Interest:	Ala Moana Blvd & Punchbowl St					
Organization:						
Supplemental Location:	Ala Moana Blvd & Punchbowl St					

Spill Information						
Activity Type:	Response				Less/Greater than:	
Activity Lead:					Numerical Qty:	15
Activity End Dt:					Units:	Gallons
Activity Result:	SOSC NFA					
Substances:	Hydraulic Oil					

71	1 of 1	ESE	0.13 / 670.96	3.28 / 0	FORT ARMSTRONG MILITARY RESERVATION HONOLULU HI	FUDS
FUDS Property No:	H09HI0086					
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=54584					
FUDS INST ID:	H199799F382700					
Status:	Properties without projects					
SDS ID:						
NPL Status Code:						
Eligibility:	Eligible					
Site Eligib:						
Current Owner:	FED: FEDERAL ROAD RIGHT-OF-WAY; GENERAL SERVICES ADMIN., INDUSRTIAL ACTIVITIES, PRINCE JONAH KUHIO KALAMIANAOLE BUILDING, PARK-LIKE AREA, AND HIGHWAYS ; STATE: STATE ROAD RIGHT-OF-WAY; GENERAL SERVICES ADMIN., INDUSRTIAL ACTIVITIES, PRINCE JONAH KUHIO KALAMIANAOLE BUILDING, PARK-LIKE AREA, AND HIGHWAYS					
Has Project:	No					
DOD FUDS Pro:	H09HI0086					
Project Required:	No					
No Further Action:						
Congressional District:	01					
Congressional Dist 117:	01					
Media ID:						
Metadata ID:						
Feature Desc:						
EPA Region:	09					
County:	HONOLULU					
Latitude:	21.30333333					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:		-157.86166667				
Fiscal year:		2021				
USACE Division:		POD				
USACE District:		Honolulu District (POH)				
Centroid Lat:						
Centroid Long:						
Se Anno Cad Data:						
Shape Length:						
Shape Area:						
Shape Len:						
X:		-157.861694336				
Y:		21.3034057620001				
Data Source:		U.S. Army Corps of Engineers Geospatial Open Data				
Property History:						

Feature Description:

THE FORT ARMSTRONG MILITARY RESERVATION PROJECT AREA WAS TRANSFERRED FROM THE CONTROL OF THE NAVY DEPARTMENT AND THE TERRITORY OF HAWAII TO THE CONTROL OF THE WAR DEPARTMENT BETWEEN MARCH 1910 AND JULY 1918. THE APPROXIMATELY 9.087-ACRE PROJECT SITE WAS RESTORED TO THE TERRITORY OF HAWAII ON AUGUST 1, 1956 AND IS CURRENTLY OCCUPIED BY LIGHT INDUSTRIAL LAND USES. IN MAY 1947, ABOUT .76 ACRE WAS RESTORED FOR A ROAD RIGHT-OF-WAY. IN JULY 1963, THE REMAINING 4.94 ACRES WAS DECLARED EXCESS.

72	1 of 1	SSE	0.14 / 1717.19	3.28 / 0	HAWAIIAN ENG DEPOT HONOLULU HI	FUDS
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FUDS Property No:	H09HI0111
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=62382
FUDS INST ID:	HI99799F385100
Status:	Properties without projects
SDS ID:	
NPL Status Code:	
Eligibility:	Eligible
Site Eligib:	
Current Owner:	OTHER: OTHER ; STATE: STATE
Has Project:	No
DOD FUDS Pro:	H09HI0111
Project Required:	No
No Further Action:	
Congressional District:	01
Congressional Dist 117:	01
Media ID:	
Metadata ID:	
Feature Desc:	
EPA Region:	09
County:	HONOLULU
Latitude:	21.30166667
Longitude:	-157.86333333
Fiscal year:	2021
USACE Division:	POD
USACE District:	Honolulu District (POH)
Centroid Lat:	
Centroid Long:	
Se Anno Cad Data:	
Shape Length:	
Shape Area:	
Shape Len:	
X:	-157.86328125
Y:	21.301818848
Data Source:	U.S. Army Corps of Engineers Geospatial Open Data
Property History:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Feature Description:

BY PRESIDENTIAL EXECUTIVE ORDER NO.2323 DATED BEFRUARY 21, 1916, THE PORJECT SITE WAS TRANSFERRED FROM THE CONTROL OF THE NAVY DEPARTMENT AND PLACED UNDER THE CONTROL OF THE WAR DEPARTMENT.

73	1 of2	NNE	0.14 / 721.32	9.84 / 7	FINANCIAL PLAZA OF THE PACIFIC 130 Merchant Street Honolulu HI	HWM
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Site ID: 14283 Latitude: 21.308862
 Longitude: -157.861983

Detail Information

El ID: HIP000139626
 El Description: HWM - Inactive
 NFA Date: Jan 1 1900
 Initial Investigation: Aug 11 2010

Evaluations Information

Violations Found: Yes	Evaluation Notes:
Evaluation Date: 04-26-2010	Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Gen Type: Inspection	Evaluation Program: RCRAInfo
Evaluation Type: Compliance Evaluation Inspection	Evaluation Source: RCRA

Enforcement Information

Enforce Action Date: 06-22-2010	Enforce Action Divis: Solid and Hazardous Waste Branch
Enforce Act Gen Ty: State Administrative Action (Informal)	Enforce Action Prog: RCRAInfo
Enforce Action Type: Warning Letter	Enforce Action Src: RCRA

Affiliations Information

Affiliation Type Desc: Administrative Contact	State: HI
Entity Name: PETER HAYASE	Country: US
Entity Title: CHIEF BUILDING ENGINEER	Zip Code: 96846
Address: P.O. BOX 2900	Phone: (808) 694-8244
City: HONOLULU	
Affiliation Type Desc: Owner	State: HI
Entity Name: Bank of Hawaii	Country: US
Entity Title:	Zip Code: 96813
Address: 130 MERCHANT ST	Phone: (808) 694-8919
City: HONOLULU	
Affiliation Type Desc: Operator	State: HI
Entity Name: FINANCIAL PLAZA OF THE PACIFIC AOA	Country: US
Entity Title:	Zip Code: 96813
Address: 130 MERCHANT ST	Phone: (808) 694-8919
City: HONOLULU	

73	2 of2	NNE	0.14 / 721.32	9.84 / 7	BANK OF HAWAII 130 MERCHANT ST HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIP000139626
 Gen Status Universe: No Report
 Contact Name: DAN MESTAS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Address: 130 , MERCHANT ST SUITE 1010 , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-694-8618
Contact Email: DAN.MESTAS@BOH.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20200610
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20100622
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110726
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20100622
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20110726
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20100622
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110726
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20100622
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20110726
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 20100426
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110726
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20100622
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20110726
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20100426
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20110726
Evaluation Agency: State

Evaluation Start Date: 20100426
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Manifest
Return to Compliance Date: 20110726
Evaluation Agency: State

Evaluation Start Date: 20100426
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20110726
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20100510
 Handler Name: FINANCIAL PLAZA OF THE PACIFIC
 Source Type: Temporary
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20100811
 Handler Name: FINANCIAL PLAZA OF THE PACIFIC
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20200309
 Handler Name: BANK OF HAWAII
 Source Type: Temporary
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: U002
 Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U239
 Waste Code Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20200610
 Handler Name: BANK OF HAWAII
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	130 MERCHANT ST
Name:	FINANCIAL PLAZA OF THE PACIFIC AOA	Street 2:	
Date Became Current:	19681210	City:	HONOLULU
Date Ended Current:		State:	HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone:	808-694-8919			Country:	US	
Source Type:	Notification			Zip Code:	96813	
Owner/Operator Ind:	Current Operator			Street No:	130	
Type:	Private			Street 1:	MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:				City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	96813	
Owner/Operator Ind:	Current Owner			Street No:	130	
Type:	Private			Street 1:	MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:				City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	96813	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	130 MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:	19681210			City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:	808-694-8919			Country:	US	
Source Type:	Notification			Zip Code:	96813	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	130 MERCHANT ST	
Name:	FINANCIAL PLAZA OF THE PACIFIC AOA			Street 2:		
Date Became Current:	19681210			City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:	808-694-8919			Country:	US	
Source Type:	Temporary			Zip Code:	96813	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	130 MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:	19681210			City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:	808-694-8919			Country:	US	
Source Type:	Temporary			Zip Code:	96813	
Owner/Operator Ind:	Current Owner			Street No:	130	
Type:	Private			Street 1:	MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:				City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:				Country:	US	
Source Type:	Temporary			Zip Code:	96813	
Owner/Operator Ind:	Current Operator			Street No:	130	
Type:	Private			Street 1:	MERCHANT ST	
Name:	BANK OF HAWAII			Street 2:		
Date Became Current:				City:	HONOLULU	
Date Ended Current:				State:	HI	
Phone:				Country:	US	
Source Type:	Temporary			Zip Code:	96813	

Historical Handler Details

Receive Dt: 20200309
Generator Code Description: Large Quantity Generator
Handler Name: BANK OF HAWAII

Receive Dt: 20100811
Generator Code Description: Not a Generator, Verified
Handler Name: FINANCIAL PLAZA OF THE PACIFIC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20100510				
Generator Code Description:		Large Quantity Generator				
Handler Name:		FINANCIAL PLAZA OF THE PACIFIC				

74	1 of 2	NE	0.14 / 733.14	9.84 / 7	City Financial Tower 201 Merchant St Honolulu HI 96813	ALT FUELS
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ID:	75429	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	808-971-7755	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2016-04-01	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:	PARKING_GARAGE	Hydrogen Pressures:	
Dt Last Confirmed:	2022-08-10	Hydrogen Standards:	
Updated at:	2023-02-14 15:54:11 UTC	Latitude:	21.30719
Access Code:	public	Longitude:	-157.86142
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:	LD		
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			
Status:	Open: The station is open.		
Owner Type Desc:	Privately owned		
E85 Blender Pump Desc:			
NG Fill Type Desc:			
NG Vehicle Class Desc:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Group with Access Desc:	Publicly available to all customers.		
LPG Primary Desc:			
Intersection Directions:			
Access Days Time:	24 hours daily		
Restricted Access:	false		

74	2 of 2	NE	0.14 / 733.14	9.84 / 7	CITY BANK 201 Merchant Street #1200 Honolulu HI 96813	HWM
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Site ID:	1534	Latitude:	21.307364
Longitude:	-157.861481		

Detail Information

EI ID:	HW-1156
EI Description:	HWM - Not in RCRAinfo
NFA Date:	Jan 1 1900
Initial Investigation:	Jun 19 2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Affiliations Information

Affiliation Type Desc:	HW Site Contact	State:
Entity Name:	Ed Castro	Country:
Entity Title:		Zip Code:
Address:		Phone:
City:		

<u>75</u>	1 of 1	E	0.14 / 733.89	9.84 / 7	Pacific Guardian Center 403 Queen St Honolulu HI 96813	FED BROWNFIELDS
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Property ID:	250304
Property Name:	Pacific Guardian Center
Address:	403 Queen St
City:	Honolulu
State Code:	HI
Zip Code:	96813
Lat Measure:	21.30404118
Long Measure:	-157.8615425
Primary Name (Map):	PACIFIC GUARDIAN CENTER
Location Address (Map):	403 QUEEN ST
City Name (Map):	HONOLULU
County Name (Map):	HONOLULU
State Code (Map):	HI
Postal Code (Map):	96813
Latitude (Map):	21.30404118
Longitude (Map):	-157.8615425
Data Source:	USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162720	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		PACIFIC GUARDIAN CENTER				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250304.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30404118&featype=point&radius=1.0	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8615425%2C21.30404118&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8615425%2C21.30404118&featype=point&radius=1.0	

ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Pacific Guardian Center				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	1834.41				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021				Redev Start Dt:	
Assess Start Dt:	04/28/2019				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30404118
Cleanup Drk Wat:					Longitude Measure:	-157.8615425
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-026-022					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Pacific Guardian Center					
Property Size:	.03					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	403 Queen St					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30404118
Cleanup Drk Wat:					Longitude Measure:	-157.8615425
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-022				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Pacific Guardian Center				
Property Size:		.03				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		403 Queen St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30404118
Cleanup Drk Wat:		Longitude Measure:	-157.8615425
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-022		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			

Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: Pacific Guardian Center
Property Size: .03
IC Data Address:
IC in Place Date:
Current Owner:
Address: 403 Queen St
City: Honolulu
State Code: HI
Zip Code: 96813
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501	Env EC in Place:	
GPA Type ID: 11	Env EC Required:	U
GPA Type Desc: Cleanup Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:	Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:	Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Flg EC Eng Barrier:	
Awp Catalyst Yn:	Flag EC Immblyztn:	
Assess ArsenIC :	Flag EC in Place:	
Assess Bldg Mats :	Flag EC Other:	
Assess Cadmium :	Flag EC Required:	U
Assess Chromium :	Flag EC Security:	
Assess Copper :	Flg Prop Not Enrld:	Y
Assess Iron :	Excavation Disposl:	
Assess Mercury :	Extrctn of Cntmnts:	
Assess Nickel :	FCA Fy:	
Assess None :	Ftr Multistry Acre:	
Assess oorair :	RFR Notation:	
Assess Pesticides :	RLF Ln Cst Shr Amt:	
Assess Selenium :	RLF Loan Amount:	
Assess Svocs :	RLF Subgrant Amt:	
Assess Unknown :	Sect 128 A St Trbl:	
Clnup Actvy Funded:	Interest Rate:	
Clnup ArsenIC :	Low Income:	
Clnup Bldg Mats :	Low Income Pct:	
Clnup Cadmium :	Median Income:	
Clnup Chromium :	Multipurpose:	
Clnup Copper :	Past Mltistry Acre:	
Clnup Cst Shr Amt:	Pro Code:	BF
Clnup Doc:	Pro Income Amt:	
Clnup Iron :	Vacant Housing:	
Clnup Mercury :	Vacant Housing Pct:	
Clnup Nickel :	Total Unemployed:	
Clnup None :	Unemployed Pct:	
Clnup of Structures:	Below Poverty:	
Clnup oorair :	Below Poverty Pct:	
Clnup Pesticides :	Radius:	
Clnup Selenium :	Actvy Funded:	
Clnup Svocs :	Cost Share Amt:	
Clnup Unkn Media :	Rdctn of Cntmnts:	
Clnup Unknown :	Removal of Mats:	
Env Clnup Jobs:	Repayment Period:	
Env Pro Income Amt:		
Property Alias:		
AA Actvy Funded:		
AA Source of Funding:		
AA Amt Funding:		
Redev Fund Entity:		
Redev Lvrgd Srce:		
Redev Cmpltn Date:		
Clnup Trmt Tech Info:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30404118
Cleanup Drk Wat:		Longitude Measure:	-157.8615425
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-022		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Pacific Guardian Center		
Property Size:	.03		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	403 Queen St		
City:	Honolulu		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30404118
Cleanup Drk Wat:		Longitude Measure:	-157.8615425
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-022		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Pacific Guardian Center		
Property Size:	.03		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	403 Queen St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Coop Agreement No: 99T63501

Env EC in Place:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

76 1 of 4 NE 0.14 / 741.52 9.84 / 7 FHC PV 1 & 2 999 Bishop St Honolulu HI 96813 ALT FUELS

ID: 85605 CNG Dispenser No:
Fuel Type Code: ELEC: Electric CNG Site Renew Src:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Station Phone:	888-758-4389				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2017-06-20				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:					Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-30				Hydrogen Standards:	
Updated at:	2023-08-30 00:07:28 UTC				Latitude:	21.307896
Access Code:	public				Longitude:	-157.861643
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:						
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:	Open: The station is open.					
Owner Type Desc:						
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:	The location is from a real GPS readout at the station.					
Group with Access Desc:	Publicly available to all customers.					
LPG Primary Desc:						
Intersection Directions:						
Access Days Time:	24 hours daily					
Restricted Access:						

76	2 of 4	NE	0.14 / 741.52	9.84 / 7	FIRST HAWAIIAN CENTER 999 Bishop Street Honolulu HI	HWM
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Site ID:	2593	Latitude:	21.308027
Longitude:	-157.861454		

Detail Information

EI ID:	HIR000138032
EI Description:	HWM - Small Quantity Generator
NFA Date:	
Initial Investigation:	Oct 4 2006

Detail Information

EI ID:	HIP000137901
EI Description:	HWM - Inactive
NFA Date:	Jan 1 1900
Initial Investigation:	Jul 12 2006

Affiliations Information

Affiliation Type Desc:	Owner	State:	
Entity Name:	FIRST HAWAIIAN BANK	Country:	US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Entity Title:					Zip Code:	
Address:					Phone:	
City:						
Affiliation Type Desc:	Administrative Contact				State:	HI
Entity Name:	TROY FUJINO				Country:	US
Entity Title:					Zip Code:	96813
Address:	999 BISHOP ST				Phone:	(808) 525-8202
City:	HONOLULU					
Affiliation Type Desc:	Owner				State:	
Entity Name:	FIRST HAWAIIAN BANK				Country:	
Entity Title:					Zip Code:	
Address:					Phone:	
City:						
Affiliation Type Desc:	Operator				State:	
Entity Name:	FIRST HAWAIIAN BANK				Country:	
Entity Title:					Zip Code:	
Address:					Phone:	
City:						
Affiliation Type Desc:	Operator				State:	
Entity Name:	FIRST HAWAIIAN BANK				Country:	US
Entity Title:					Zip Code:	
Address:					Phone:	
City:						

76 3 of 4 **NE** 0.14 / 741.52 9.84 / 7 **FIRST HAWAIIAN CENTER
999 BISHOP ST
HONOLULU HI 96813** **RCRA
NON GEN**

EPA Handler ID: HIP000137901
Gen Status Universe: No Report
Contact Name: TROY FUJINO
Contact Address: 999 BISHOP ST , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-525-8202
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20060712
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20060712
 Handler Name: FIRST HAWAIIAN CENTER
 Source Type: Temporary
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	FIRST HAWAIIAN BANK	Street 2:	
Date Became Current:	19961010	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Temporary	Zip Code:	

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	
Name:	FIRST HAWAIIAN BANK	Street 2:	
Date Became Current:	19961010	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Temporary	Zip Code:	

76	4 of 4	NE	0.14 / 741.52	9.84 / 7	FIRST HAWAIIAN CENTER 999 BISHOP ST HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HIR000138032
 Gen Status Universe: VSG
 Contact Name:
 Contact Address: 999 , BISHOP ST , , HONOLULU , HI, 96813 , US
 Contact Phone No and Ext: 808-525-6340
 Contact Email:
 Contact Country: US
 County Name: HONOLULU
 EPA Region: 09
 Land Type: Private
 Receive Date: 20210817
 Location Latitude: 21.307968
 Location Longitude: -157.861647

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transporter Activity:		No				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20061004
 Handler Name: FIRST HAWAIIAN CENTER
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20210817
 Handler Name: FIRST HAWAIIAN CENTER
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	FIRST HAWAIIAN BANK	Street 2:
Date Became Current:	19961010	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Implementer	Zip Code:

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	FIRST HAWAIIAN BANK	Street 2:
Date Became Current:	19961010	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Implementer	Zip Code:

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	FIRST HAWAIIAN BANK	Street 2:
Date Became Current:	19961010	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1:	
Name:	FIRST HAWAIIAN BANK				Street 2:	
Date Became Current:	19961010				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 20061004
 Generator Code Description: Small Quantity Generator
 Handler Name: FIRST HAWAIIAN CENTER

[77](#) 1 of2 **NNE** **0.15 / 810.99** **9.84 / 7** **Harbor Court** **66 Queen St** **Honolulu HI 96813** **SHWS**

iHEER ID (Public iHEER): 2150
Site Name (Public iHEER): Harbor Court
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization
Street (Public iHEER): 66 Queen St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 312
Suppl Loc (Public iHEER): 66 Queen St
Tax Map Keys (Public iHEER): 121002013
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2150
Site Name (PORTAL): Harbor Court
Loc Desc (PORTAL): 66 Queen St
Address (PORTAL): 66 Queen St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2150/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Nov 4, 1994
Document No: 182758
Type: Memo
Title: Harbor Court Development Project
Imported From:

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 1632
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.86360199999996 21.308993999999988)
Geometry:

POINT (-157.86360199999996 21.308993999999988)

Site Details

Centroid: POINT (-157.86360199999996 21.308993999999988)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.308993999999988,-157.86360199999996

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

77	2 of 2	NNE	0.15 / 810.99	9.84 / 7	Harbor Court 66 Queen St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 2150
Island (Public iHEER): Oahu
Site Name (Public iHEER): Harbor Court
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization
Street (Public iHEER): 66 Queen St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 66 Queen St
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 312
Tax Map Keys (Public iHEER): 121002013
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2150
Island (PORTAL): Oahu
Site Name (PORTAL): Harbor Court
Address (PORTAL): 66 Queen St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 66 Queen St
Program (PORTAL): State
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2150/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 4, 1994
Type: Memo
Title: Harbor Court Development Project
Document No: 182758
Imported From:

Locations Details

Locations ID: 1632
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.86360199999996 21.308993999999988)
Geometry:

POINT (-157.86360199999996 21.308993999999988)

Details

Centroid: POINT (-157.86360199999996 21.308993999999988)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.308993999999988,-157.86360199999996

78	1 of 3	ENE	0.15 / 817.03	9.84 / 7	KING KALAKAUA BUILDING 335 MERCHANT ST HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HIR000135293
Gen Status Universe: VSG
Contact Name: TOM S GEISER
Contact Address: 335 MERCHANT ST , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-221-1163
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20030701
Location Latitude: 21.306132
Location Longitude: -157.860738

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20030701
 Handler Name: KING KALAKAUA BUILDING
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Owner
 Type: Private
 Name: PAR DEVELOPMENT LLC
 Date Became Current: 20021120
 Date Ended Current:
 Phone:
 Source Type: Notification

Street No:
 Street 1:
 Street 2:
 City:
 State:
 Country:
 Zip Code:

Owner/Operator Ind: Current Operator
 Type: Private
 Name: PAR DEVELOPMENT LLC
 Date Became Current: 20021120
 Date Ended Current:
 Phone:
 Source Type: Notification

Street No:
 Street 1:
 Street 2:
 City:
 State:
 Country:
 Zip Code:

78	2 of 3	ENE	0.15 / 817.03	9.84 / 7	U.S. POSTAL SERVICE - DOWNTOWN 335 MERCHANT ST Honolulu HI 96813	UST
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Facility ID (LUST):
 Facility Name (LUST):
 Street Address (LUST):
 City (LUST):
 State (LUST):
 ZIP Code (LUST):
 Source(s):

Facility ID: 9-101768
 Latitude:
 Longitude:
 Horiz. Ref. Datum:
 Horiz. Coll. Method:

List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

UST Data Files

Tank ID: R-1
 Tank Status Desc: Permanently Out of Use
 Substance Desc: Gasoline
 Organization Formal Name: U.S. POSTAL SERVICE
 Organization Address: 850 CHERRY AVENUE
 Organization City: Honolulu
 Organization State: HI
 Organization Zip Code: 96813

Installed Date:
 Date Closed: 12/1/1984
 Tank Capacity: 6000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Comments:

78	3 of 3	ENE	0.15 / 817.03	9.84 / 7	KING KALAKAUA BUILDING 335 Merchant Street Honolulu HI	HWM
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Site ID: 6757 Latitude: 21.306117
 Longitude: -157.860709

Detail Information

EI ID: HIR000135293
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Jul 1 2003

Affiliations Information

Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	TOM GEISER	Country:	US
Entity Title:		Zip Code:	96813
Address:	335 MERCHANT ST	Phone:	(808) 221-1163
City:	HONOLULU		

Affiliation Type Desc:	Operator	State:	
Entity Name:	PAR DEVELOPMENT LLC	Country:	
Entity Title:		Zip Code:	
Address:		Phone:	
City:			

Affiliation Type Desc:	Owner	State:	
Entity Name:	PAR DEVELOPMENT LLC	Country:	
Entity Title:		Zip Code:	
Address:		Phone:	
City:			

79	1 of 2	ESE	0.17 / 897.18	6.56 / 3	DAGS CSD KEELIKOLANI BLDG 830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HI0000843045
Gen Status Universe: VSG
Contact Name: JAN WONG
Contact Address: 729 KAKOI ST STE B , , HONOLULU , HI, 96819 , US
Contact Phone No and Ext: 808-586-0536
Contact Email: JAN.NK.WONG@HAWAII.GOV
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: State
Receive Date: 20230307
Location Latitude: 21.305734
Location Longitude: -157.857134

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mixed Waste Generator:		No				
Transporter Activity:		No				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19940926
 Handler Name: DAGS CSD KEELIKOLANI BLDG
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20190111
 Handler Name: DAGS CSD KEELIKOLANI BLDG
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20230307
 Handler Name: DAGS CSD KEELIKOLANI BLDG
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
 Type: State
 Name: STATE OF HAWAII DAGS CEN SVCS
 Date Became Current:
 Date Ended Current:
 Phone: 808-831-6734
 Source Type: Implementer

Street No:
 Street 1: 729 KAKOI ST STE B
 Street 2:
 City: HONOLULU
 State: HI
 Country: US
 Zip Code: 96819

Owner/Operator Ind: Current Owner
 Type: State
 Name: STATE OF HAWAII DAGS CEN SVCS
 Date Became Current:
 Date Ended Current:
 Phone: 808-831-6734
 Source Type: Notification

Street No:
 Street 1: 729 KAKOI ST STE B
 Street 2:
 City: HONOLULU
 State: HI
 Country:
 Zip Code: 96819

Historical Handler Details

Receive Dt: 20190111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		DAGS CSD KEELIKOLANI BLDG				
Receive Dt:		19940926				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		DAGS CSD KEELIKOLANI BLDG				

79	2 of 2	ESE	0.17 / 897.18	6.56 / 3	Servco Pacific, Inc. 830 Punchbowl St Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250303
Property Name: Servco Pacific, Inc.
Address: 830 Punchbowl St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.3037325
Long Measure: -157.8613143
Primary Name (Map): SERVCO PACIFIC, INC.
Location Address (Map): 830 PUNCHBOWL ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.3037325
Longitude (Map): -157.8613143
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162719	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		SERVCO PACIFIC, INC.				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250303.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page3037325&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8613143%2C21.3037325&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8613143%2C21.3037325&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Servco Pacific, Inc.				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcb:	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Voc:	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb:					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc:					Future Grnspc Ac:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.3037325
Cleanup Drk Wat:					Longitude Measure:	-157.8613143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-001				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		830 Punchbowl St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.3037325
Cleanup Drk Wat:					Longitude Measure:	-157.8613143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-026-001				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		830 Punchbowl St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.3037325
Cleanup Drk Wat:		Longitude Measure:	-157.8613143
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-001		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		830 Punchbowl St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.3037325
Cleanup Drk Wat:		Longitude Measure:	-157.8613143
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-001		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Servco Pacific, Inc.		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	830 Punchbowl St		
City:	Honolulu		
State Code:	HI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501					
GPA Type ID:	1					
GPA Type Desc:	Phase I Environmental Assessment					
Dt RLF Loan Signed:						
Dt RLF Sbrgrnt Sgnd:						
Accmplisht Cnt Flg:	Y					
Awp Catalyst Yn:						
Assess ArsenIC :						
Assess Bldg Mats :						
Assess Cadmium :						
Assess Chromium :						
Assess Copper :						
Assess Iron :						
Assess Mercury :						
Assess Nickel :						
Assess None :						
Assess oorair :						
Assess Pesticides :						
Assess Selenium :						
Assess Svocs :						
Assess Unknown :						
Clnup Actvy Funded:						
Clnup ArsenIC :						
Clnup Bldg Mats :						
Clnup Cadmium :						
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:						
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structurs:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb's :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc's :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcb's :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voc's :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info Dev/Ces :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.3037325
Cleanup Drk Wat:		Longitude Measure:	-157.8613143
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-026-001		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Servco Pacific, Inc.		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	830 Punchbowl St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	10	Env EC Required:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

<u>80</u>	1 of 1	NE	0.18 / 926.66	9.84 / 7	ALOHA AIRLINES INC (PMID 004103B) P.O. BOX 30028 Honolulu HI 96820	UST
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Facility ID (LUST):	9-100168	Facility ID:	9-100168
Facility Name (LUST):	ALOHA AIRLINES INC (PMID 004103B)	Latitude:	21.3085

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Street Address (LUST):	P.O. BOX 30028			Longitude:	-157.8617	
City (LUST):	Honolulu			Horiz. Ref. Datum:	NAD83	
State (LUST):	HI			Horiz. Coll. Method:	Address Matching	
ZIP Code (LUST):	96820					
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION					

UST Data Files

Tank ID:	R-001	Installed Date:	2/10/1961
Tank Status Desc:	Permanently Out of Use	Date Closed:	7/26/1989
Substance Desc:	Gasoline	Tank Capacity:	4000
Organization Formal Name:	ALOHA AIRLINES, INC.		
Organization Address:	P.O. BOX 30028		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96820		
Substance Comments:			

Tank ID:	R-002	Installed Date:	2/10/1961
Tank Status Desc:	Permanently Out of Use	Date Closed:	8/17/1989
Substance Desc:	Gasoline	Tank Capacity:	2000
Organization Formal Name:	ALOHA AIRLINES, INC.		
Organization Address:	P.O. BOX 30028		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96820		
Substance Comments:			

Tank ID:	R-003	Installed Date:	2/10/1961
Tank Status Desc:	Permanently Out of Use	Date Closed:	8/17/1989
Substance Desc:	Not Listed	Tank Capacity:	2000
Organization Formal Name:	ALOHA AIRLINES, INC.		
Organization Address:	P.O. BOX 30028		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96820		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	890018
Latest Status Date:	1/17/2001	Project Officer:	Shumin Liu

81	1 of 2	ESE	0.18 / 953.36	6.56 / 3	AIR FLO EXPRESS INC 525 HALEKAUWILA STREET HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID:	HID033173907
Gen Status Universe:	No Report
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	525 HALEKAUWILA STREET , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext:	808-536-2277
Contact Email:	
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	Other
Receive Date:	19830222
Location Latitude:	
Location Longitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19830222
Handler Name: AIR FLO EXPRESS INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1: NOT REQUIRED
Name: NOT REQUIRED	Street 2:
Date Became Current:	City: NOT REQUIRED
Date Ended Current:	State: ME
Phone: 415-555-1212	Country:
Source Type: Notification	Zip Code: 99999

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: NOT REQUIRED
Name: MAEHARA ANGEL	Street 2:
Date Became Current:	City: NOT REQUIRED
Date Ended Current:	State: ME
Phone: 415-555-1212	Country:
Source Type: Notification	Zip Code: 99999

81	2 of 2	ESE	0.18 / 953.36	6.56 / 3	AIR FLO EXPRESS INC 525 Halekauwila Street Honolulu HI 96850	HWM
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Site ID: 292	Latitude: 21.303019
Longitude: -157.860862	

Detail Information

EI ID: HID033173907
EI Description: HWM - Inactive
NFA Date: Jan 1 1900
Initial Investigation: Feb 22 1983

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Affiliations Information

Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	ENVIRONMENTAL MANAGER	Country:	US
Entity Title:		Zip Code:	96813
Address:	525 HALEKAUWILA STREET	Phone:	(808) 536-2277
City:	HONOLULU		
Affiliation Type Desc:	Owner	State:	ME
Entity Name:	MAEHARA ANGEL	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		
Affiliation Type Desc:	Operator	State:	ME
Entity Name:	NOT REQUIRED	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		

82	1 of 1	SSE	0.18 / 966.77	3.28 / 0	NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT 521 ALA MOANA BLVD PIER 1 HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIT000140517
Gen Status Universe: No Report
Contact Name: RICHARD J MAXWELL
Contact Address: P.O. BOX 24527 , , SEATTLE , WA, 98104 , US
Contact Phone No and Ext: 206-892-2750
Contact Email: MAX@ACTHI.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: State
Receive Date: 20151218
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20110815
 Handler Name: NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20151218
 Handler Name: NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	79 SOUTH NIMITZ HWY
Name:	STATE OF HAWAII DOT HARBORS	Street 2:	
Date Became Current:	20110815	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-587-1976	Country:	US
Source Type:	Notification	Zip Code:	96813

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	4025 DELRIDGE WAY, SW
Name:	NORTHLAND SERVICES, INC., ALOHA CARGO	Street 2:	STE 100
Date Became Current:	20060427	City:	SEATTLE
Date Ended Current:		State:	WA
Phone:		Country:	US
Source Type:	Implementer	Zip Code:	98106

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	4025 DELRIDGE WAY, SW
Name:	NORTHLAND SERVICES, INC., ALOHA CARGO	Street 2:	STE 100
Date Became Current:	20060427	City:	SEATTLE
Date Ended Current:		State:	WA
Phone:		Country:	US
Source Type:	Notification	Zip Code:	98106

Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	79 SOUTH NIMITZ HWY
Name:	STATE OF HAWAII DOT HARBORS	Street 2:	
Date Became Current:	20110815	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-587-1976	Country:	US
Source Type:	Implementer	Zip Code:	96813

Historical Handler Details

Receive Dt: 20110815
 Generator Code Description: Not a Generator, Verified
 Handler Name: NORTHLAND SERVICES, INC., ALOHA CARGO TRANSPORT

83	1 of 2	N	0.19 / 982.28	9.84 / 7	HARBOR COURT PROJECT CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800	LUST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID: 9-102464
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 920003
Status Date: 11/10/1994 **Project Officer:** Eric Sadoyama

83	2 of 2	N	0.19 / 982.28	9.84 / 7	HARBOR COURT PROJECT CORNER OF QUEEN AND BETHEL ST Honolulu HI 96800	UST
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Facility ID (LUST): 9-102464 **Facility ID:** 9-102464
Facility Name (LUST): HARBOR COURT PROJECT **Latitude:** 21.309388
Street Address (LUST): CORNER OF QUEEN AND BETHEL ST **Longitude:** -157.86387
City (LUST): Honolulu **Horiz. Ref. Datum:**
State (LUST): HI **Horiz. Coll. Method:**
ZIP Code (LUST): 96800
Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION; List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

UST Data Files

Tank ID: R-1 **Installed Date:**
Tank Status Desc: Permanently Out of Use **Date Closed:**
Substance Desc: Not Listed **Tank Capacity:** 750
Organization Formal Name: HARBOUR COURT DEVELOPERS
Organization Address: C/O MCCORMICK PROPERTIES / 841 BISHOP ST, PENTHOUSE
Organization City: Honolulu
Organization State: HI
Organization Zip Code: 96800
Substance Comments:

LUST Details

Latest Status: Site Cleanup Completed (NFA) **Alt Event ID:** 920003
Latest Status Date: 11/10/1994 **Project Officer:** Eric Sadoyama

84	1 of 10	SE	0.19 / 984.55	3.28 / 0	LONGS DRUG STORES #2915 500 ALA MOANA BOULEVARD BUILDING 1 HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HIR000140608
Gen Status Universe: VSG
Contact Name: NICOLE WILKINSON
Contact Address: 1 , CVS DRIVE MC2340 , , WOONSOCKET , RI, 02895 , US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20210718
Location Latitude: 21.301254
Location Longitude: -157.862097

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20110922
Handler Name: LONGS DRUG STORES NO 2915
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20121005
Handler Name: LONGS DRUG STORES NO 2915
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		P042				
Waste Code Description:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		20210718				
Handler Name:		LONGS DRUG STORES #2915				
Federal Waste Generator Code:		3				
Generator Code Description:		Very Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code:	U002					
Waste Code Description:	2-PROPANONE (I) (OR) ACETONE (I)					
Hazardous Waste Code:	U129					
Waste Code Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE					
Hazardous Waste Code:	U165					
Waste Code Description:	NAPHTHALENE					
Hazardous Waste Code:	U188					
Waste Code Description:	PHENOL					
Hazardous Waste Code:	U205					
Waste Code Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)					

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	1
Type:	Private	Street 1:	CVS DRIVE MC2340
Name:	PROCARE PHARMACY, LLC	Street 2:	
Date Became Current:	20081022	City:	WOONSOCKET
Date Ended Current:		State:	RI
Phone:		Country:	US
Source Type:	Notification	Zip Code:	02895
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	841 BISHOP ST
Name:	SHIDLER HAWAII INVESTMENT	Street 2:	SUITE 1700
Date Became Current:	20080701	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	LONGS DRUG STORES CA LLC	Street 2:	
Date Became Current:	20080701	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	841 BISHOP ST
Name:	SHIDLER HAWAII INVESTMENT PARTNERS, LLC	Street 2:	STE 1700
Date Became Current:	20081022	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Notification	Zip Code:	96813
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	PROCARE PHARMACY, LLC	Street 2:	
Date Became Current:	20081022	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	

Historical Handler Details

Receive Dt:	20121005
Generator Code Description:	Very Small Quantity Generator
Handler Name:	LONGS DRUG STORES NO 2915
Receive Dt:	20110922

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Code Description: Very Small Quantity Generator
 Handler Name: LONGS DRUG STORES NO 2915

84	2 of 10	SE	0.19 / 984.55	3.28 / 0	Waterfront Plaza - HI0020 500 ALA MOANA BLVD. #210 Honolulu HI 96813	UST
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Facility ID (LUST):	Facility ID:	9-101732
Facility Name (LUST):	Latitude:	
Street Address (LUST):	Longitude:	
City (LUST):	Horiz. Ref. Datum:	
State (LUST):	Horiz. Coll. Method:	
ZIP Code (LUST):		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION	

UST Data Files

Tank ID:	M-1	Installed Date:	10/5/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	AT & T Communications, Inc.		
Organization Address:	308 S. Akard Street Room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-2	Installed Date:	3/1/1998
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	8000
Organization Formal Name:	At&T		
Organization Address:	308 S Akard St Room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-1	Installed Date:	10/5/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	At&T		
Organization Address:	308 S Akard St Room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	11/17/1987
Tank Status Desc:	Permanently Out of Use	Date Closed:	1/21/1998
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	A T & T COMMUNICATIONS CORP		
Organization Address:	227 WEST MONROE, SUITE 2240		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-1	Installed Date:	10/5/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	AT & T		
Organization Address:	308 S. Akard St. room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Comments:

Tank ID:	M-1	Installed Date:	10/5/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	AT & T Corp		
Organization Address:	308 S. Akard St. Room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-2	Installed Date:	3/1/1998
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	8000
Organization Formal Name:	A T & T COMMUNICATIONS CORP		
Organization Address:	227 WEST MONROE, SUITE 2240		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-1	Installed Date:	10/5/2000
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	A T & T COMMUNICATIONS CORP		
Organization Address:	227 WEST MONROE, SUITE 2240		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	11/17/1987
Tank Status Desc:	Permanently Out of Use	Date Closed:	1/21/1998
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	AT & T Communications, Inc.		
Organization Address:	308 S. Akard Street Room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-2	Installed Date:	3/1/1998
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	8000
Organization Formal Name:	AT & T		
Organization Address:	308 S. Akard St. room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-M-1	Installed Date:	11/17/1987
Tank Status Desc:	Permanently Out of Use	Date Closed:	1/21/1998
Substance Desc:	Diesel	Tank Capacity:	6000
Organization Formal Name:	AT & T		
Organization Address:	308 S. Akard St. room 1700		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-2	Installed Date:	3/1/1998
Tank Status Desc:	Currently In Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	8000
Organization Formal Name:	AT & T Communications, Inc.		
Organization Address:	308 S. Akard Street Room 1700		
Organization City:	Honolulu		
Organization State:	HI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Organization Zip Code:		96813				
Substance Comments:						
Tank ID:	R-M-1				Installed Date:	11/17/1987
Tank Status Desc:	Permanently Out of Use				Date Closed:	1/21/1998
Substance Desc:	Diesel				Tank Capacity:	6000
Organization Formal Name:	At&T					
Organization Address:	308 S Akard St Room 1700					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	M-2				Installed Date:	3/1/1998
Tank Status Desc:	Currently In Use				Date Closed:	
Substance Desc:	Diesel				Tank Capacity:	8000
Organization Formal Name:	AT & T Corp					
Organization Address:	308 S. Akard St. Room 1700					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	R-M-1				Installed Date:	11/17/1987
Tank Status Desc:	Permanently Out of Use				Date Closed:	1/21/1998
Substance Desc:	Diesel				Tank Capacity:	6000
Organization Formal Name:	AT & T Corp					
Organization Address:	308 S. Akard St. Room 1700					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
84	3 of 10	SE	0.19 / 984.55	3.28 / 0	SURGICARE OF HAWAII 500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813	RCRA VSQG
EPA Handler ID:	HIR000143172					
Gen Status Universe:	VSG					
Contact Name:	JEREMY NARCA					
Contact Address:	500 ALA MOANA BLVD TOWER 1 , SUITE 1B , HONOLULU , HI, 96813 , US					
Contact Phone No and Ext:	808-722-9721					
Contact Email:	JEREMYKNARCA@GMAIL.COM					
Contact Country:	US					
County Name:	HONOLULU					
EPA Region:	09					
Land Type:	Private					
Receive Date:	20180702					
Location Latitude:	21.301254					
Location Longitude:	-157.862097					
<u>Violation/Evaluation Summary</u>						
Note:	NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).					
<u>Handler Summary</u>						
Importer Activity:	No					
Mixed Waste Generator:	No					
Transporter Activity:	No					
Transfer Facility:	No					
Onsite Burner Exemption:	No					
Furnace Exemption:	No					
Underground Injection Activity:	No					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150706
Handler Name: SURGICARE OF HAWAII
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: U010
Waste Code Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYL]OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150730
Handler Name: SURGICARE OF HAWAII
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: U010
Waste Code Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYL]OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20180702
Handler Name: SURGICARE OF HAWAII
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: U010
Waste Code Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYLOXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Owner/Operator Details

Owner/Operator Ind: Current Operator Type: Private Name: ASC PACIFIC VENTURES Date Became Current: 19830304 Date Ended Current: Phone: Source Type: Implementer	Street No: Street 1: Street 2: City: State: Country: Zip Code:
Owner/Operator Ind: Current Owner Type: Private Name: SURGICAL CARE AFFILIATES Date Became Current: 19830304 Date Ended Current: Phone: 205-545-2632 Source Type: Implementer	Street No: Street 1: 3000 RIVERCHASE GALLERIA Street 2: SUITE 500 City: BIRMINGHAM State: AL Country: US Zip Code: 35244
Owner/Operator Ind: Current Operator Type: Private Name: ASC PACIFIC VENTURES Date Became Current: 19830304 Date Ended Current: Phone: Source Type: Implementer	Street No: Street 1: Street 2: City: State: Country: US Zip Code:
Owner/Operator Ind: Current Owner Type: Private Name: SURGICAL CARE AFFILIATES Date Became Current: 19830304 Date Ended Current: Phone: 205-545-2632 Source Type: Notification	Street No: Street 1: 3000 RIVERCHASE GALLERIA Street 2: SUITE 500 City: BIRMINGHAM State: AL Country: US Zip Code: 35244

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	ASC PACIFIC VENTURES				Street 2:	
Date Became Current:	19830304				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt:	20150730
Generator Code Description:	Very Small Quantity Generator
Handler Name:	SURGICARE OF HAWAII
Receive Dt:	20150706
Generator Code Description:	Very Small Quantity Generator
Handler Name:	SURGICARE OF HAWAII

84	4 of 10	SE	0.19 / 984.55	3.28 / 0	Water Front Plaza 500 Ala Moana Blvd Honolulu HI 96813	ALT FUELS
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ID:	50069	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	808-532-4750	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2012-11-01	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:	PAY_GARAGE	Hydrogen Pressures:	
Dt Last Confirmed:	2022-08-10	Hydrogen Standards:	
Updated at:	2023-02-14 15:54:11 UTC	Latitude:	21.301239
Access Code:	public	Longitude:	-157.862084
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:	LD		
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			
Status:	Open: The station is open.		
Owner Type Desc:	Privately owned		
E85 Blender Pump Desc:			
NG Fill Type Desc:			
NG Vehicle Class Desc:			
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.		
Group with Access Desc:	Publicly available to all customers.		
LPG Primary Desc:			
Intersection Directions:	Located in the basement level of the garage		
Access Days Time:	Garage business hours; pay lot		
Restricted Access:	false		

84	5 of 10	SE	0.19 / 984.55	3.28 / 0	Honolulu Sports & Spine Surgery Center	UST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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500 Ala Moana Blvd
Honolulu HI 96813

Facility ID (LUST):	Facility ID:	9-103844
Facility Name (LUST):	Latitude:	21.301769
Street Address (LUST):	Longitude:	-157.863108
City (LUST):	Horiz. Ref. Datum:	NAD83
State (LUST):	Horiz. Coll. Method:	Map
ZIP Code (LUST):		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION	

UST Data Files

Tank ID:	M-1	Installed Date:	7/1/2007
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	600
Organization Formal Name:	Honolulu Sports & Spine Surgery Center		
Organization Address:	500 Ala Moana Blvd. Suite 301		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-1	Installed Date:	7/1/2007
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	600
Organization Formal Name:	Honolulu Spine Center LLC		
Organization Address:	500 Ala Moana Blvd Bldg 1, Suite 301		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	M-1	Installed Date:	7/1/2007
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Diesel	Tank Capacity:	600
Organization Formal Name:	Honolulu Sports & Spine Surgery Center		
Organization Address:	500 Ala Moana Blvd, Bld 1, Suite 301		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

84	6 of 10	SE	0.19 / 984.55	3.28 / 0	WATERFRONT PLAZA 500 Ala Moana Boulevard Honolulu HI 96813	HWM
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Site ID:	13760	Latitude:	21.301572
Longitude:	-157.863052		

Detail Information

EI ID:	HIP000137240
EI Description:	HWM - Inactive
NFA Date:	Jan 1 1900
Initial Investigation:	Dec 20 2005

Affiliations Information

Affiliation Type Desc:	Operator	State:	
Entity Name:	WATERFRONT PLAZA	Country:	US
Entity Title:		Zip Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address:
City:

Phone:

Affiliation Type Desc: Owner
Entity Name: WATERFRONT PARTNERS I
Entity Title:
Address:
City:

State:
Country: US
Zip Code:
Phone:

Affiliation Type Desc: Administrative Contact
Entity Name: FRANCIS ANDERSON
Entity Title:
Address: 500 ALA MOANA BLVDSTE 3 100
City: HONOLULU

State: CA
Country: US
Zip Code: 96813
Phone: (808) 532-4753

84	7 of 10	SE	0.19 / 984.55	3.28 / 0	LONGS DRUG STORES NO 2915 500 Ala Moana Boulevard Honolulu HI 96813	HWM
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Site ID: 14356
Longitude: -157.863052

Latitude: 21.301572

Detail Information

EI ID: HIR000140608
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Oct 5 2012

Affiliations Information

Affiliation Type Desc: Operator
Entity Name: PROCARE PHARMACY, LLC
Entity Title:
Address:
City:

State:
Country: US
Zip Code:
Phone:

Affiliation Type Desc: Administrative Contact
Entity Name: WENDY BRANT
Entity Title: CVS CORPORATE ENVIRONMENTAL MANAGER
Address: ONE CVS DRIVE
City: WOONSOCKET

State: RI
Country: US
Zip Code: 02895
Phone: (401) 765-1500

Affiliation Type Desc: Owner
Entity Name: SHIDLER HAWAII INVESTMENT PARTNERS, LLC
Entity Title:
Address: 841 BISHOP STSTE 1700
City: HONOLULU

State: HI
Country: US
Zip Code: 96813
Phone:

84	8 of 10	SE	0.19 / 984.55	3.28 / 0	SURGICARE OF HAWAII 500 ALA MOANA BLVD TOWER 1 SUITE 1B HONOLULU HI 96813	HWM
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Site ID: 15324
Longitude:

Latitude:

Detail Information

EI ID: HIR000143172
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Initial Investigation: Jul 30 2015

Affiliations Information

Affiliation Type Desc:	Operator	State:	
Entity Name:	ASC PACIFIC VENTURES	Country:	US
Entity Title:		Zip Code:	
Address:		Phone:	
City:			
Affiliation Type Desc:	Owner	State:	AL
Entity Name:	SURGICAL CARE AFFILIATES	Country:	US
Entity Title:		Zip Code:	35244
Address:	3000 RIVERCHASE GALLERIASUITE 500	Phone:	(205) 545-2632
City:	BIRMINGHAM		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	DAVIS TANAKA	Country:	US
Entity Title:	PHARMACY CONSULTANT	Zip Code:	96813
Address:	500 ALA MOANA BLVD TOWER 1SUITE 1B	Phone:	(808) 722-9721
City:	HONOLULU		

84	9 of 10	SE	0.19 / 984.55	3.28 / 0	WATERFRONT PLAZA 500 ALA MOANA BLVD HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIP000137240
Gen Status Universe: No Report
Contact Name: FRANCIS ANDERSON
Contact Address: 500 ALA MOANA BLVD , STE 3 100 , HONOLULU , CA, 96813 , US
Contact Phone No and Ext: 808-532-4753
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20051220
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20051220
 Handler Name: WATERFRONT PLAZA
 Source Type: Temporary
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	
Name:	WATERFRONT PARTNERS I	Street 2:	
Date Became Current:	20040729	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Temporary	Zip Code:	

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	WATERFRONT PLAZA	Street 2:	
Date Became Current:	20040729	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Temporary	Zip Code:	

84	10 of 10	SE	0.19 / 984.55	3.28 / 0	Waterfront Plaza 500 Ala Moana Blvd Honolulu HI 96813	ALT FUELS
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ID:	237182	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	800-663-5633	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2018-12-05	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:		Hydrogen Pressures:	
Dt Last Confirmed:	2023-06-21	Hydrogen Standards:	
Updated at:	2023-06-21 00:00:49 UTC	Latitude:	21.30082
Access Code:	public	Longitude:	-157.862601
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:			
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status: Open: The station is open.
Owner Type Desc:
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time:
Restricted Access:

85	1 of 1	ENE	0.19 / 985.99	9.84 / 7	DAGS CSD KAMAMALU BLDG 1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	HWM
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Site ID: 1865
Longitude:
Latitude:

Detail Information

EI ID: HI0000842864
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Sep 26 1994

Affiliations Information

Affiliation Type Desc:	Owner	State:	HI
Entity Name:	STATE OF HAWAII DAGS GEN SVCS	Country:	
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	JAMES HISANO	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	James Hisano	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		

86	1 of 1	ESE	0.19 / 996.21	6.56 / 3	DAGS CSD KEELIKOLANI BLDG 830 PUNCHBOWL ST 4TH FL CHILLER RM HONOLULU HI 96813	HWM
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Site ID: 1866
Longitude:
Latitude:

Detail Information

EI ID: HI0000843045
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Sep 26 1994

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Affiliations Information

Affiliation Type Desc:	Owner	State:	HI
Entity Name:	STATE OF HAWAII DAGS GEN SVCS	Country:	
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	James Hisano	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	JAMES HISANO	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		

87	1 of 3	NE	0.19 / 1,014.81	9.84 / 7	CENTRAL PACIFIC BANK 220 S KING ST Honolulu HI 96813	LUST
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Facility ID: 9-103534
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	990232
Status Date:	10/23/2001	Project Officer:	Jose Ruiz

87	2 of 3	NE	0.19 / 1,014.81	9.84 / 7	CENTRAL PACIFIC BANK 220 S KING ST Honolulu HI 96813	UST
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Facility ID (LUST):	9-103534	Facility ID:	9-103534
Facility Name (LUST):	CENTRAL PACIFIC BANK	Latitude:	21.307643
Street Address (LUST):	220 S KING ST	Longitude:	-157.860587
City (LUST):	Honolulu	Horiz. Ref. Datum:	NAD83
State (LUST):	HI	Horiz. Coll. Method:	Address Matching
ZIP Code (LUST):	96813		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION; List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-1	Installed Date:	12/1/1981
Tank Status Desc:	Permanently Out of Use	Date Closed:	8/6/1999
Substance Desc:	Diesel	Tank Capacity:	1000
Organization Formal Name:	CKSS ASSOCIATES		
Organization Address:	220 S KING ST, SUITE 1501		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	990232
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latest Status Date:		10/23/2001		Project Officer:		Jose Ruiz

87	3 of 3	NE	0.19 / 1,014.81	9.84 / 7	Central Pacific Plaza 220 South King Street Honolulu HI 96813	ALT FUELS
ID:		45930		CNG Dispenser No:		
Fuel Type Code:		ELEC: Electric		CNG Site Renew Src:		
Station Phone:		855-885-9571		CNG Tot Compr Cap:		
Expected Date:				CNG Storage Cap:		
BD Blends:				CNG Fill Type Code:		
NG PSI:				CNG PSI:		
Federal Agency ID:				CNG Vehicle Class:		
Open Date:		2012-04-25		LNG Site Renew Src:		
Hydrogen is Retail:				LNG Vehicle Class:		
Federal Agency:				LPG Nozzle Types:		
Facility Type:				Hydrogen Pressures:		
Dt Last Confirmed:		2023-08-30		Hydrogen Standards:		
Updated at:		2023-08-30 01:11:06 UTC		Latitude:		21.307588
Access Code:		public		Longitude:		-157.860698
Access Detail Code:						
Groups with Access Code:		Public				
Groups with Access Code Fr:		Public				
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:						
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:		Open: The station is open.				
Owner Type Desc:						
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:		The location is from a real GPS readout at the station.				
Group with Access Desc:		Publicly available to all customers.				
LPG Primary Desc:						
Intersection Directions:						
Access Days Time:						
Restricted Access:						

88	1 of 2	E	0.19 / 1,026.37	9.84 / 7	KAPUAIWA BUILDING 426 QUEEN STREET HONOLULU HI 96813	RCRA VSQG
EPA Handler ID:		HIR000141861				
Gen Status Universe:		VSG				
Contact Name:		WAYNE S TANIGUCHI				
Contact Address:		777 , PUNCHBOWL STREET , , HONOLULU , HI, 96813 , US				
Contact Phone No and Ext:		808-539-4348				
Contact Email:		WAYNE.S.TANIGUCHI@COURTS.HAWAII.GOV				
Contact Country:		US				
County Name:		HONOLULU				
EPA Region:		09				
Land Type:		State				
Receive Date:		20160826				
Location Latitude:		21.304002				
Location Longitude:		-157.859656				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140214
Handler Name: KAPUAIWA BUILDING
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20160826
Handler Name: KAPUAIWA BUILDING
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No: 1151
Type: State	Street 1: PUNCHBOWL STREET
Name: HAWAII DEPT. OF LAND & NATURAL RESOURCES	Street 2:
Date Became Current: 19590525	City: HONOLULU
Date Ended Current:	State: HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone:	808-587-0400			Country:	US	
Source Type:	Notification			Zip Code:	96813	

Owner/Operator Ind:	Current Operator			Street No:		
Type:	State			Street 1:		
Name:	THE JUDICIARY - STATE OF HAWAII			Street 2:		
Date Became Current:	19990526			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Notification			Zip Code:		

Owner/Operator Ind:	Current Operator			Street No:		
Type:	State			Street 1:		
Name:	HAWAII JUDICIARY			Street 2:		
Date Became Current:	19990526			City:		
Date Ended Current:				State:	HI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:		

Historical Handler Details

Receive Dt:	20140214
Generator Code Description:	Very Small Quantity Generator
Handler Name:	KAPUAIWA BUILDING

88	2 of2	E	0.19 / 1,026.37	9.84 / 7	KAPUAIWA BUILDING 426 QUEEN STREET HONOLULU HI 96813	HWM
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Site ID:	14649	Latitude:	
Longitude:			

Detail Information

EI ID:	HIR000141861
EI Description:	HWM - Conditionally Exempt Small Quantity Generator
NFA Date:	
Initial Investigation:	Aug 26 2016

Affiliations Information

Affiliation Type Desc:	Operator	State:	
Entity Name:	THE JUDICIARY - STATE OF HAWAII	Country:	US
Entity Title:		Zip Code:	
Address:		Phone:	
City:			
Affiliation Type Desc:	Owner	State:	HI
Entity Name:	HAWAII DEPT. OF LAND & NATURAL RESOURCES	Country:	US
Entity Title:		Zip Code:	96813
Address:	1151 PUNCHBOWL STREET	Phone:	(808) 587-0400
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	WAYNE TANIGUCHI	Country:	US
Entity Title:	HAWAII JUDICIARY FIRST CIRCUIT FACILITIES MGR	Zip Code:	96813
Address:	777 PUNCHBOWL STREET	Phone:	(808) 539-4348
City:	HONOLULU		

89	1 of2	NE	0.20 / 1,071.01	11.35 / 8	Bishop Square 1003 Bishop St Honolulu HI 96813	ALT FUELS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ID:	66918				CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric				CNG Site Renew Src:	
Station Phone:	808-545-7500				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2015-01-01				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:	SHOPPING_CENTER				Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-10				Hydrogen Standards:	
Updated at:	2023-08-10 16:58:49 UTC				Latitude:	21.30905
Access Code:	public				Longitude:	-157.86036
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:	LD					
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:	Open: The station is open.					
Owner Type Desc:	Privately owned					
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:	The location is from a real GPS readout at the station.					
Group with Access Desc:	Publicly available to all customers.					
LPG Primary Desc:						
Intersection Directions:	Located on the 10th floor					
Access Days Time:	24 hours daily					
Restricted Access:	false					

89	2 of 2	NE	0.20 / 1,071.01	11.35 / 8	Bishop Square 1003 Bishop Street Honolulu HI 96813	ALT FUELS
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ID:	237180				CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric				CNG Site Renew Src:	
Station Phone:	800-663-5633				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2022-06-29				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:					Hydrogen Pressures:	
Dt Last Confirmed:	2023-06-21				Hydrogen Standards:	
Updated at:	2023-06-21 00:02:15 UTC				Latitude:	21.308959
Access Code:	public				Longitude:	-157.860448
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class:
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc:
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time:
Restricted Access:

90	1 of 1	N	0.21 / 1,114.92	0.00 / -3	BANK BUILDING HONOLULU HI	FUDS
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FUDS Property No: H09HI0378
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=54621>
FUDS INST ID: HI99799F409600
Status: Properties without projects
SDS ID:
NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: PRIV: PRIVATE LNW INVESTMENT
Has Project: No
DOD FUDS Pro: H09HI0378
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.30972222
Longitude: -157.86472222
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:
X: -157.864685059
Y: 21.3098144530001
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Property History:

Feature Description:

THE FIRST FLOOR OF THE BUILDING WAS USED FOR STORING CONFISCATED FOODS, AND THE BASEMENT WAS CONVERTED INTO A 250-MAN CELLBLOCK.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
91	1 of 1	NNE	0.21 / 1,124.22	13.12 / 10	FUDS Yokohama Specie Bank Building 36 Merchant St Honolulu HI 96813	SHWS

iHEER ID (Public iHEER): 1982
Site Name (Public iHEER): FUDS Yokohama Specie Bank Building
Aliases (Public iHEER): 908 Bethel St, FUDS No. H09HI0378, Honolulu Military Police Station
Street (Public iHEER): 36 Merchant St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): DOD-IRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/17/2020 9:35:53 AM
Ms Access ID (Public iHEER): 2797
Suppl Loc (Public iHEER): 36 Merchant St, Honolulu, HI 96813
Tax Map Keys (Public iHEER): 121002033
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1982
Site Name (PORTAL): FUDS Yokohama Specie Bank Building
Loc Desc (PORTAL): 36 Merchant St, Honolulu, HI 96813
Address (PORTAL): 36 Merchant St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): DOD-IRP
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1982/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Sep 1, 1994
Document No: 157336
Type: Undetermined
Title: DERP-FUDS Inventory Project Report, Yokohama Specie Bank Building, Honolulu, Oahu HI
Imported From: 105295#\Heersharepoint1\facilitiesite%20documents\105295.pdf

iHEER System - Locations Details

Locations ID: 6628
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86329932152421 21.309890640308982)
Geometry:

POLYGON ((-157.86347041353048 21.309954214069542, -157.86324510797235 21.310044171608805, -157.86313245519327 21.309824275305012, -157.86334703191147 21.30973681645575, -157.86347041353048 21.309954214069542))

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		4763				
Location Type:		SC				
Description:						
Comment :		Google Maps				
Centroid:		POINT (-157.863284 21.309877999999998)				
Geometry:		POINT (-157.863284 21.309877999999998)				

Site Details

Centroid: POINT (-157.863284 21.309877999999998)
Updated On: 8/17/2020 9:35:53 AM
Coordinates: 21.309877999999998,-157.863284

iHEER System - Aliases

Name: 908 Bethel St

iHEER System - Aliases

Name: Honolulu Military Police Station

iHEER System - Aliases

Name: FUDS No. H09HI0378

92	1 of 2	SE	0.21 / 1,132.61	3.28 / 0	REED LANE WAREHOUSE 556 REED LN Honolulu HI 96813	LUST
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Facility ID: 9-103537
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 990222
Status Date: 5/3/2001 **Project Officer:** Shunsheng Fu

92	2 of 2	SE	0.21 / 1,132.61	3.28 / 0	REED LANE WAREHOUSE 556 REED LN Honolulu HI 96813	UST
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Facility ID (LUST): 9-103537 **Facility ID:** 9-103537
Facility Name (LUST): REED LANE WAREHOUSE **Latitude:** 21.301848
Street Address (LUST): 556 REED LN **Longitude:** -157.860626
City (LUST): Honolulu **Horiz. Ref. Datum:** NAD83
State (LUST): HI **Horiz. Coll. Method:** Address Matching
ZIP Code (LUST): 96813
Source(s): List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION; List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION

UST Data Files

Tank ID: R-1 **Installed Date:**
Tank Status Desc: Permanently Out of Use **Date Closed:** 8/12/1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Substance Desc:	Gasoline	Tank Capacity:	1000
Organization Formal Name:	KAMEHAMEHA SCHOOLS/BISHOP ESTATE		
Organization Address:	567 S. KING ST KAWAIAHAO PLAZA, SUITE 200		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	990222
Latest Status Date:	5/3/2001	Project Officer:	Shunsheng Fu

93	1 of 1	ENE	0.22 / 1,141.20	9.84 / 7	DAGS CSD KAMAMALU BLDG 1010 RICHARD ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID:	HI0000842864
Gen Status Universe:	VSG
Contact Name:	JAN WONG
Contact Address:	729 KAKOI ST STE B , , HONOLULU , HI, 96819 , US
Contact Phone No and Ext:	808-586-0536
Contact Email:	JAN.NK.WONG@HAWAII.GOV
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	State
Receive Date:	20230307
Location Latitude:	21.307237
Location Longitude:	-157.860034

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19940926
Handler Name:	DAGS CSD KAMAMALU BLDG
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20190111
 Handler Name: DAGS CSD KAMAMALU BLDG
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20230307
 Handler Name: DAGS CSD KAMAMALU BLDG
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
 Type: State
 Name: STATE OF HAWAII DAGS CEN SVCS
 Date Became Current:
 Date Ended Current:
 Phone: 808-831-6734
 Source Type: Notification

Street No:
 Street 1: 729 KAKOI ST STE B
 Street 2:
 City: HONOLULU
 State: HI
 Country:
 Zip Code: 96819

Owner/Operator Ind: Current Owner
 Type: State
 Name: STATE OF HAWAII DAGS CEN SVCS
 Date Became Current:
 Date Ended Current:
 Phone: 808-831-6734
 Source Type: Implementer

Street No:
 Street 1: 729 KAKOI ST STE B
 Street 2:
 City: HONOLULU
 State: HI
 Country: US
 Zip Code: 96819

Historical Handler Details

Receive Dt: 20190111
 Generator Code Description: Very Small Quantity Generator
 Handler Name: DAGS CSD KAMAMALU BLDG

Receive Dt: 19940926
 Generator Code Description: Very Small Quantity Generator
 Handler Name: DAGS CSD KAMAMALU BLDG

94	1 of 6	ESE	0.22 / 1,143.34	6.56 / 3	DAGS CSD ALIIAIMOKU HALE BLDG DOT 869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HI0000842989
 Gen Status Universe: VSG
 Contact Name: JAN WONG
 Contact Address: 729 KAKOI ST STE B , , HONOLULU , HI, 96819 , US
 Contact Phone No and Ext: 808-586-0536
 Contact Email: JAN.NK.WONG@HAWAII.GOV
 Contact Country: US
 County Name: HONOLULU
 EPA Region: 09
 Land Type: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Date: 20230307
Location Latitude: 21.305734
Location Longitude: -157.857134

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940926
Handler Name: DAGS CSD ALIIAIMOKU HALE BLDG DOT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190111
Handler Name: DAGS CSD ALIIAIMOKU HALE BLDG DOT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20230307
Handler Name: DAGS CSD ALIIAIMOKU HALE BLDG DOT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: State	Street 1: 729 KAKOI ST STE B
Name: STATE OF HAWAII DAGS CEN SVCS	Street 2:
Date Became Current:	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-831-6734	Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification			Zip Code: 96819	
Owner/Operator Ind:		Current Owner			Street No:	
Type:		State			Street 1: 729 KAKOI ST STE B	
Name:		STATE OF HAWAII DAGS CEN SVCS			Street 2:	
Date Became Current:					City: HONOLULU	
Date Ended Current:					State: HI	
Phone:		808-831-6734			Country: US	
Source Type:		Implementer			Zip Code: 96819	

Historical Handler Details

Receive Dt: 20190111
Generator Code Description: Very Small Quantity Generator
Handler Name: DAGS CSD ALIIAIMOKU HALE BLDG DOT

Receive Dt: 19940926
Generator Code Description: Very Small Quantity Generator
Handler Name: DAGS CSD ALIIAIMOKU HALE BLDG DOT

94	2 of 6	ESE	0.22 / 1,143.34	6.56 / 3	STATE OF HAWAII AUTO MGMT DIV 869A PUNCHBOWL ST HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID: HID982354136
Gen Status Universe: VSG
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 869A PUNCHBOWL ST , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-548-3211
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Other
Receive Date: 19871030
Location Latitude: 21.304004
Location Longitude: -157.860122

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2023.

Evaluation Details

Evaluation Start Date: 20100107
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080117
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920113
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19871030
Handler Name: STATE OF HAWAII AUTO MGMT DIV
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:	
Type: State	Street 1:	NOT REQUIRED
Name: STATE OF HAWAII	Street 2:	
Date Became Current:	City:	NOT REQUIRED
Date Ended Current:	State:	ME
Phone: 415-555-1212	Country:	
Source Type: Notification	Zip Code:	99999

Owner/Operator Ind: Current Operator	Street No:	
Type: State	Street 1:	NOT REQUIRED
Name: NOT REQUIRED	Street 2:	
Date Became Current:	City:	NOT REQUIRED
Date Ended Current:	State:	ME
Phone: 415-555-1212	Country:	
Source Type: Notification	Zip Code:	99999

94	3 of 6	ESE	0.22 / 1,143.34	6.56 / 3	State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION 869A PUNCHBOWL ST Honolulu HI 96813	LUST
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Facility ID: 9-100189
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA)	Event ID: 870009
Status Date: 8/5/1996	Project Officer: David Hodges

94	4 of 6	ESE	0.22 / 1,143.34	6.56 / 3	State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	UST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**869A PUNCHBOWL ST
Honolulu HI 96813**

Facility ID (LUST):	9-100189	Facility ID:	9-100189
Facility Name (LUST):	State Of Hawaii DAGS AUTOMOTIVE MANAGEMENT DIVISION	Latitude:	21.30367
Street Address (LUST):	869A PUNCHBOWL ST	Longitude:	-157.85956
City (LUST):	Honolulu	Horiz. Ref. Datum:	NAD27
State (LUST):	HI	Horiz. Coll. Method:	GPS
ZIP Code (LUST):	96813		
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION;List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	1	Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Gasoline	Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION		
Organization Address:	869 A Punchbowl St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	2	Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Used Oil	Tank Capacity:	550
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION		
Organization Address:	869A Punchbowl St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-2	Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use	Date Closed:	10/1/1987
Substance Desc:	Used Oil	Tank Capacity:	250
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION		
Organization Address:	869 A Punchbowl St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	1	Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use	Date Closed:	
Substance Desc:	Gasoline	Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION		
Organization Address:	869A PUNCHBOWL ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Tank ID:	R-1	Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use	Date Closed:	10/1/1987
Substance Desc:	Gasoline	Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION		
Organization Address:	869A Punchbowl St		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank ID:	R-1				Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use				Date Closed:	10/1/1987
Substance Desc:	Gasoline				Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869A PUNCHBOWL ST					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	R-1				Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use				Date Closed:	10/1/1987
Substance Desc:	Gasoline				Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869 A Punchbowl St					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	R-2				Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use				Date Closed:	10/1/1987
Substance Desc:	Used Oil				Tank Capacity:	250
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869A Punchbowl St					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	2				Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use				Date Closed:	
Substance Desc:	Used Oil				Tank Capacity:	550
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869A PUNCHBOWL ST					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	R-2				Installed Date:	4/30/1961
Tank Status Desc:	Permanently Out of Use				Date Closed:	10/1/1987
Substance Desc:	Used Oil				Tank Capacity:	250
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869A PUNCHBOWL ST					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	1				Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use				Date Closed:	
Substance Desc:	Gasoline				Tank Capacity:	6000
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869A Punchbowl St					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						
Tank ID:	2				Installed Date:	12/1/1987
Tank Status Desc:	Currently in Use				Date Closed:	
Substance Desc:	Used Oil				Tank Capacity:	550
Organization Formal Name:	STATE DAGS - AUTO MANAGEMENT DIVISION					
Organization Address:	869 A Punchbowl St					
Organization City:	Honolulu					
Organization State:	HI					
Organization Zip Code:	96813					
Substance Comments:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LUST Details

Latest Status:	Site Cleanup Completed (NFA)	Alt Event ID:	870009
Latest Status Date:	8/5/1996	Project Officer:	David Hodges

94	5 of 6	ESE	0.22 / 1,143.34	6.56 / 3	DAGS CSD ALIIAIMOKU HALE BLDG DOT 869 PUNCHBOWL ST PENTHOUSE MECHANICAL RM HONOLULU HI 96813	HWM
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Site ID:	1860	Latitude:	
Longitude:			

Detail Information

EI ID:	HI0000842989
EI Description:	HWM - Conditionally Exempt Small Quantity Generator
NFA Date:	
Initial Investigation:	Sep 26 1994

Affiliations Information

Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	JAMES HISANO	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Owner	State:	HI
Entity Name:	STATE OF HAWAII DAGS CEN SVCS	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	James Hisano	Country:	US
Entity Title:		Zip Code:	96819
Address:	729 KAKOI ST STE B	Phone:	(808) 831-6734
City:	HONOLULU		

94	6 of 6	ESE	0.22 / 1,143.34	6.56 / 3	STATE OF HAWAII AUTO MGMT DIV 869 Punchbowl Street Honolulu HI	HWM
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Site ID:	11852	Latitude:	21.303779
Longitude:	-157.860047		

Detail Information

EI ID:	HID982354136
EI Description:	HWM - Conditionally Exempt Small Quantity Generator
NFA Date:	
Initial Investigation:	Oct 30 1987

Evaluations Information

Violations Found:	No	Evaluation Notes:	
Evaluation Date:	01-07-2010	Evaluation Division:	Solid and Hazardous Waste Branch

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Gen Type:	Inspection				Evaluation Program: RCRAInfo	
Evaluation Type:	Compliance Evaluation Inspection				Evaluation Source: RCRA	
Violations Found:	No				Evaluation Notes:	
Evaluation Date:	01-13-1992				Evaluation Division: Solid and Hazardous Waste Branch	
Evaluation Gen Type:	Inspection				Evaluation Program: RCRAInfo	
Evaluation Type:	Compliance Evaluation Inspection				Evaluation Source: RCRA	
Violations Found:	No				Evaluation Notes:	
Evaluation Date:	01-17-2008				Evaluation Division: Solid and Hazardous Waste Branch	
Evaluation Gen Type:	Inspection				Evaluation Program: RCRAInfo	
Evaluation Type:	Compliance Evaluation Inspection				Evaluation Source: RCRA	

Affiliations Information

Affiliation Type Desc:	Operator	State:	ME
Entity Name:	NOT REQUIRED	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		
Affiliation Type Desc:	Owner	State:	ME
Entity Name:	State of Hawaii	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		
Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	ENVIRONMENTAL MANAGER	Country:	US
Entity Title:		Zip Code:	96813
Address:	869A PUNCHBOWL ST	Phone:	(808) 548-3211
City:	HONOLULU		

95 1 of 7 **NNE** 0.23 / 1,188.12 13.63 / 10 **Executive Cleaners**
16 Merchant St.
Honolulu HI 96813 **DELISTED DRYCLEANERS**

Permit No:	0094-09	Locale:	
Drycleaner:	General Noncov Source Permits	Equipment Zip:	96813
Gal YR:	165	Organization Name:	
Mach Type:	D-D	Resp Official Name:	Karoline H. Tam
Appl Date:		Resp Official Title:	Owner/Manager
Date Permit Issue:		Resp Official Addr:	16 Merchant St.
Date Permit Expiry:		Resp Official City:	Honolulu
Date Permit Close:		Resp Official State:	HI
Value:		Resp Official Zip:	96813
Phone No:	528-0339		
Company:	G.B. Investments		
Last of Facility Desc:			
Original Source:	DRYC		
Record Date:	14-OCT-2016		

95 2 of 7 **NNE** 0.23 / 1,188.12 13.63 / 10 **Fantastique, Inc.**
16 Merchant St.
Honolulu HI 96813 **DELISTED DRYCLEANERS**

Permit No:	0093-12	Locale:	
Drycleaner:	General Noncov Source Permits	Equipment Zip:	96813
Gal YR:	50	Organization Name:	
Mach Type:	D-D	Resp Official Name:	Lalania L.T. Marion
Appl Date:		Resp Official Title:	V.P. (Manager)
Date Permit Issue:		Resp Official Addr:	16 Merchant St.
Date Permit Expiry:		Resp Official City:	Honolulu
Date Permit Close:		Resp Official State:	HI
Value:		Resp Official Zip:	96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone No: 540-0218
Company:
Last of Facility Desc:
Original Source: DRYC
Record Date: 14-OCT-2016

95	3 of 7	NNE	0.23 / 1,188.12	13.63 / 10	FANTASTIQUE DRY CLEANING 16 Merchant Street Honolulu HI	HWM
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Site ID: 2496 **Latitude:** 21.310032
Longitude: -157.863386

Detail Information

EI ID: HIP000136432
EI Description: HWM - Inactive
NFA Date: Jan 1 1900
Initial Investigation: Apr 4 2005

Affiliations Information

Affiliation Type Desc: Administrative Contact	State: HI
Entity Name: LINDA MENENDEZ	Country: US
Entity Title:	Zip Code: 96814
Address: 1112 KINAU STPH	Phone: (808) 545-7816
City: HONOLULU	

Affiliation Type Desc: Operator	State:
Entity Name: FANTASTIQUE DRY CLEANING	Country: US
Entity Title:	Zip Code:
Address:	Phone:
City:	

Affiliation Type Desc: Owner	State:
Entity Name: GRACE NAKAGAWA TRUST AND NAKAGAWA WU LTD	Country: US
Entity Title:	Zip Code:
Address:	Phone:
City:	

95	4 of 7	NNE	0.23 / 1,188.12	13.63 / 10	Fantastique Dry Clean & Alteration 16 Merchant St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 878
Site Name (Public iHEER): Fantastique Dry Clean & Alteration
Aliases (Public iHEER): Brownfields Dry Cleaning Facilities
Street (Public iHEER): 16 Merchant St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Consultation
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Consultation
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/31/2020 2:26:52 PM
Ms Access ID (Public iHEER): 2217
Suppl Loc (Public iHEER): 16 Merchant St
Tax Map Keys (Public iHEER): 121002034
iHEER ID (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 878
Site Name (PORTAL): Fantastique Dry Clean & Alteration
Loc Desc (PORTAL): 16 Merchant St
Address (PORTAL): 16 Merchant St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): CONSULTATION
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): Consultation
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/878/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 2177
Location Type: SC
Description: Fantastique Dry Clean
Comment : Google Maps and Address
Centroid: POINT (-157.86341899999996 21.310044000000005)
Geometry:

POINT (-157.86341899999996 21.310044000000005)

iHEER System - Locations Details

Locations ID: 6876
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86340044492866 21.310047434615907)
Geometry:

POLYGON ((-157.8634981251646 21.31003775295013, -157.86347130307817 21.309987776544343, -157.86330768832508 21.310050247049755, -157.86333182820374 21.310110218709518, -157.8634981251646 21.31003775295013))

Site Details

Centroid: POINT (-157.86341899999996 21.310044000000005)
Updated On: 8/31/2020 2:26:52 PM
Coordinates: 21.310044000000005,-157.86341899999996

iHEER System - Aliases

Name: Brownfields Dry Cleaning Facilities

95	5 of 7	NNE	0.23 / 1,188.12	13.63 / 10	FANTASTIQUE DRY CLEANING 16 MERCHANT STREET HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIP000136432
Gen Status Universe: No Report
Contact Name: LINDA MENENDEZ
Contact Address: 1112 KINAU ST , PH , HONOLULU , HI, 96814 , US
Contact Phone No and Ext: 808-545-7816
Contact Email:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20050404
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20050404
Handler Name: FANTASTIQUE DRY CLEANING
Source Type: Temporary
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Details						
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	FANTASTIQUE DRY CLEANING				Street 2:	
Date Became Current:	19980901				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Temporary				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	GRACE NAKAGAWA TRUST AND NAKAGAWA WU LTD				Street 2:	
Date Became Current:	19981230				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Temporary				Zip Code:	
95	6 of 7	NNE	0.23 / 1,188.12	13.63 / 10	FANTASTIQUE DRY CLEANING 16 MERCHANT STREET HONOLULU HI 96813	FED DRYCLEANERS
FRS Facility ID:	110070594358					
NPDES IDs:						
NAICS Codes:	81232					
SIC Codes:						
Latitude:	21.30997					
Longitude:	-157.86348					
95	7 of 7	NNE	0.23 / 1,188.12	13.63 / 10	Fantastique Dry Clean & Alteration 16 Merchant St Honolulu HI 96813	BROWNFIELDS
iHEER ID (Public iHEER):	878					
Island (Public iHEER):	Oahu					
Site Name (Public iHEER):	Fantastique Dry Clean & Alteration					
Aliases (Public iHEER):	Brownfields Dry Cleaning Facilities					
Street (Public iHEER):	16 Merchant St					
City (Public iHEER):	Honolulu					
State (Public iHEER):	HI					
Zip Code (Public iHEER):	96813					
County (Public iHEER):	Honolulu					
Suppl Loc (Public iHEER):	16 Merchant St					
Program (Public iHEER):	Consultation					
Status Name (Public iHEER):	Consultation					
Lead Agency (Public iHEER):	HEER Office					
Updated on (Public iHEER):	8/31/2020 2:26:52 PM					
Is Public (Public iHEER):	TRUE					
Ms Access ID (Public iHEER):	2217					
Tax Map Keys (Public iHEER):	121002034					
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):	878					
Island (PORTAL):	Oahu					
Site Name (PORTAL):	Fantastique Dry Clean & Alteration					
Address (PORTAL):	16 Merchant St Honolulu, HI 96813					
County (PORTAL):	Honolulu					
Loc Desc (PORTAL):	16 Merchant St					
Program (PORTAL):	Consultation					
Status (PORTAL):	CONSULTATION					
Priority (PORTAL):	Unranked					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer#!/site/878/details/view
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Locations Details

Locations ID: 2177
Location Type: SC
Description: Fantastique Dry Clean
Comment : Google Maps and Address
Centroid: POINT (-157.86341899999996 21.310044000000005)
Geometry:

POINT (-157.86341899999996 21.310044000000005)

Locations ID: 6876
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86340044492866 21.310047434615907)
Geometry:

POLYGON ((-157.8634981251646 21.31003775295013, -157.86347130307817 21.309987776544343, -157.86330768832508 21.310050247049755, -157.86333182820374 21.310110218709518, -157.8634981251646 21.31003775295013))

Details

Centroid: POINT (-157.86341899999996 21.310044000000005)
Updated On: 8/31/2020 2:26:52 PM
Coordinates: 21.310044000000005,-157.86341899999996

96	1 of 4	ESE	0.23 / 1,191.18	6.61 / 3	Tony Hawaii Automotove Group, LTD 557 Halekauwila St HONOLULU HI 96813
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FED BROWNFIELDS

Property ID: 241690
Property Name: Tony Hawaii Automotove Group, LTD
Address: 557 Halekauwila St
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.302351
Long Measure: -157.86049
Primary Name (Map): TONY HAWAII AUTOMOTOVE GROUP, LTD
Location Address (Map): 557 HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.302351
Longitude (Map): -157.86049
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789539	BF RLF Gra:
EPA ID:		BF RLF Pil:
EPA Region:	09	BF Assess :
Cat No:	20060000	BF Cleanup:
RCRA Handl:		BF Tba Ind:
RCRA Curre:		BF 128a In:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Remed:					BF IC Code:	N
RCRA Const:					BF IC Gc I:	U
RCRA EI He:					BF IC Ep I:	U
RCRA EI Gm:					BF IC ID I:	U
RCRA Rem 1:					BF IC Pr I:	U
RCRA Ec Gw:					FF Brac In:	
RCRA Ec Ng:					BF RLF Ind:	
RCRA IC Ep:					BF Assess1:	Y
RCRA IC Gc:					BF Multipu:	
RCRA IC ID:					BF Awp Ind:	
RCRA IC Pr:					BF Showcas:	
FF RCRA In:					BF 128a P :	
RCRA Trans:					LUST Relea:	
RCRA Tra 1:					LUST Award:	
RCRA Ec Co:					LUST State:	
RCRA IC Co:					Congressio:	HI-01
RCRA Gpra :					FD Agency :	
RCRA Rem 2:					FD Listing:	
RCRA Dru 1:					FD Non NPL:	
SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		TONY HAWAII AUTOMOTOVE GROUP, LTD				
RCRA Drupa:						
Repow Ref :					https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:26570	
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241690.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.86049%2C21.302350999999998&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.86049%2C21.302350999999998&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Tony Hawaii Automotove Group, LTD				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						
REPOW Re 1:					RE-Powering	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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REPOW Ref1: Site Profile
 REPOW SF: 26570

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302351
Cleanup Drk Wat:		Longitude Measure:	-157.86049
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-006		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Tony Hawaii Automotove Group, LTD		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:	Tony Hawaii Automotive Group, LTD		
Address:	557 Halekauwila St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	N
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1134
Clnup Bldg Mats :					Low Income Pct:	24.4
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	387
Clnup Mercury :					Vacant Housing Pct:	12.83
Clnup Nickel :					Total Unemployed:	172
Clnup None :					Unemployed Pct:	3.7
Clnup of Structures:					Below Poverty:	469
Clnup oorair :					Below Poverty Pct:	10.09
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcb's :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Voc's :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	N
ASMT Oth Cont:					Flag IC Required:	N
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302351
Cleanup Drk Wat:					Longitude Measure:	-157.86049
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-006				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:		Tony Hawaii Automotive Group, LTD				
Address:		557 Halekauwila St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	N
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1134
Clnup Bldg Mats :					Low Income Pct:	24.4
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	387
Clnup Mercury :					Vacant Housing Pct:	12.83
Clnup Nickel :					Total Unemployed:	172
Clnup None :					Unemployed Pct:	3.7
Clnup of Structures:					Below Poverty:	469
Clnup oorair :					Below Poverty Pct:	10.09
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Svocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	N
ASMT Oth Cont:					Flag IC Required:	N
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acrc:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	611.47				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	02/10/2020				Redev Start Dt:	
Assess Start Dt:	04/28/2019				Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302351
Cleanup Drk Wat:					Longitude Measure:	-157.86049
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-030-006					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Tony Hawaii Automotove Group, LTD					
Property Size:	0					
IC Data Address:						
IC in Place Date:						
Current Owner:	Tony Hawaii Automotive Group, LTD					
Address:	557 Halekauwila St					
City:	HONOLULU					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	N
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1134
Clnup Bldg Mats :					Low Income Pct:	24.4
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	387
Clnup Mercury :					Vacant Housing Pct:	12.83
Clnup Nickel :					Total Unemployed:	172
Clnup None :					Unemployed Pct:	3.7
Clnup of Structurs:					Below Poverty:	469
Clnup oorair :					Below Poverty Pct:	10.09
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbcs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voccs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbcs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302351
Cleanup Drk Wat:					Longitude Measure:	-157.86049
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-006				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:		Tony Hawaii Automotive Group, LTD				
Address:		557 Halekauwila St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	N
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1134
Clnup Bldg Mats :					Low Income Pct:	24.4
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	387

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Mercury :					Vacant Housing Pct:	12.83
Clnup Nickel :					Total Unemployed:	172
Clnup None :					Unemployed Pct:	3.7
Clnup of Structures:					Below Poverty:	469
Clnup oorair :					Below Poverty Pct:	10.09
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302351
Cleanup Drk Wat:					Longitude Measure:	-157.86049
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-006				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:		Tony Hawaii Automotive Group, LTD				
Address:		557 Halekauwila St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	N
GPA Type Desc:	Cleanup Activity				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1134
Clnup Bldg Mats :					Low Income Pct:	24.4
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	387
Clnup Mercury :					Vacant Housing Pct:	12.83
Clnup Nickel :					Total Unemployed:	172
Clnup None :					Unemployed Pct:	3.7
Clnup of Structures:					Below Poverty:	469
Clnup oorair :					Below Poverty Pct:	10.09
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

96	2 of 4	ESE	0.23 / 1,191.18	6.61 / 3	Tony Hawaii Automotove Group, LTD 557 Halekauwila St Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250287
Property Name: Tony Hawaii Automotove Group, LTD
Address: 557 Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.302263
Long Measure: -157.86044
Primary Name (Map): TONY HAWAII AUTOMOTOVE GROUP, LTD
Location Address (Map): 557 HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.302263
Longitude (Map): -157.86044
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789539	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Tra 1:					LUST Award:	
RCRA Ec Co:					LUST State:	
RCRA IC Co:					Congressio:	HI-01
RCRA Gpra :					FD Agency :	
RCRA Rem 2:					FD Listing:	
RCRA Dru 1:					FD Non NPL:	
SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		TONY HAWAII AUTOMOTOVE GROUP, LTD				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250287.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.86043999999998%2C21.302263&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.86043999999998%2C21.302263&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Tony Hawaii Automotove Group, LTD				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						
Cleanups In My Community (CIMC)						
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfilp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302263
Cleanup Drk Wat:					Longitude Measure:	-157.86044
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-007				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	6				Env EC Required:	N
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Svocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302263
Cleanup Drk Wat:					Longitude Measure:	-157.86044
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-007				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	10				Env EC Required:	N
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	U
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	611.47	Redev Cleanup Jobs:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Cmpltn Dt:	03/09/2020				Redev Start Dt:	
Assess Start Dt:	04/28/2019				Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302263
Cleanup Drk Wat:					Longitude Measure:	-157.86044
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-030-007					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Tony Hawaii Automotove Group, LTD					
Property Size:	0					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	557 Halekauwila St					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	1				Env EC Required:	N
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup oorair : Below Poverty Pct:
 Clnup Pesticides : Radius:
 Clnup Selenium : Actvy Funded:
 Clnup Svocs : Cost Share Amt:
 Clnup Unkn Media : Rdctn of Cntmnts:
 Clnup Unknown : Removal of Mats:
 Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I Environmental Assessment
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd SrCs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302263
Cleanup Drk Wat:		Longitude Measure:	-157.86044

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-007				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	11				Env EC Required:	N
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd SrCs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302263
Cleanup Drk Wat:		Longitude Measure:	-157.86044
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-007		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Tony Hawaii Automotove Group, LTD		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Property Size:	0					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	5				Env EC Required:	N
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

96	3 of 4	ESE	0.23 / 1,191.18	6.61 / 3	Tony Hawaii Automotove Group, LTD 557 Halekauwila St Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250289
 Property Name: Tony Hawaii Automotove Group, LTD
 Address: 557 Halekauwila St
 City: Honolulu
 State Code: HI
 Zip Code: 96813
 Lat Measure: 21.302121
 Long Measure: -157.86037
 Primary Name (Map): TONY HAWAII AUTOMOTOVE GROUP, LTD
 Location Address (Map): 557 HALEKAUWILA ST
 City Name (Map): HONOLULU
 County Name (Map): HONOLULU
 State Code (Map): HI
 Postal Code (Map): 96813
 Latitude (Map): 21.302121
 Longitude (Map): -157.86037
 Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789539	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	N
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		TONY HAWAII AUTOMOTOVE GROUP, LTD				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250289.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.86037%2C21.302121&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.86037%2C21.302121&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Tony Hawaii Automotove Group, LTD				
RCRA Han 1:						
RCRA Rau 1:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb's :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc's :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Req'd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcb's :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302121
Cleanup Drk Wat:					Longitude Measure:	-157.86037
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-009				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	6				Env EC Required:	N
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	611.47	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	03/09/2020	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflfp Factor :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.302121
Cleanup Drk Wat:					Longitude Measure:	-157.86037
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-009				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	1				Env EC Required:	N
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I Environmental Assessment
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302121
Cleanup Drk Wat:		Longitude Measure:	-157.86037
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-009		
Assess Fnd Ent Nm:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	10				Env EC Required:	N
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pabs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pabs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302121
Cleanup Drk Wat:		Longitude Measure:	-157.86037
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-009		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Tony Hawaii Automotove Group, LTD		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	11				Env EC Required:	N
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.302121
Cleanup Drk Wat:		Longitude Measure:	-157.86037
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-009		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Tony Hawaii Automotove Group, LTD		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	557 Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	N
GPA Type ID:	5				Env EC Required:	N
GPA Type Desc:	Cleanup Activity				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Property ID: 250288
Property Name: Tony Hawaii Automotove Group, LTD
Address: 557 Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.30219
Long Measure: -157.86040
Primary Name (Map): TONY HAWAII AUTOMOTOVE GROUP, LTD
Location Address (Map): 557 HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30219
Longitude (Map): -157.8604
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789539	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	N
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		

Sub Name: Oahu
Primary Name: TONY HAWAII AUTOMOTOVE GROUP, LTD
RCRA Drupa:
Repow Ref :
Uri: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250288.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30219&featype=point&radius=1.0
Census Uri: <https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8604%2C21.30219&featype=point&radius=1.0>
ACS Uri: <https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8604%2C21.30219&featype=point&radius=1.0>

ERR Lat Lo:		UST Status:
LUST ID:		UST Substa:
SAA Site:		UST SPA Fa:
UST Landus:		UST SPA Wa:
UST Closed:		UST WHPA F:
UST Open:		UST WHPA W:
SF Site Na:		
SF Non N 1:		
SF Non N 2:		
SF Non N 3:		
SF Non Npl:		
BF Prope 1:	Tony Hawaii Automotove Group, LTD	
RCRA Han 1:		
RCRA Rau I:		
REPOW BF:		
REPOW RCRA:		
REPOW Re 1:		
REPOW Ref1:		
REPOW SF:		

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbis :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocis :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbis :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocis :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Cntrl Sub :					Latitude Measure: 21.30219	
Cleanup Drk Wat:					Longitude Measure: -157.86040	
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-008				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	N
GPA Type Desc:	Cleanup Activity				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd SrCs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup ReqD:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	611.47	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	03/09/2020	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30219
Cleanup Drk Wat:		Longitude Measure:	-157.86040
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-008		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		

Redev Funding Entity Name:

Property Name: Tony Hawaii Automotove Group, LTD
Property Size: 0
IC Data Address:
IC in Place Date:
Current Owner:
Address: 557 Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 1
GPA Type Desc: Phase I Environmental Assessment
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg: Y
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I Environmental Assessment
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:

Env EC in Place:
Env EC Required: N
Env IC in Place: N
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblytn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: N
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy: FY22
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbss :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voccs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbss :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voccs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30219
Cleanup Drk Wat:		Longitude Measure:	-157.86040
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-008		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Tony Hawaii Automotove Group, LTD		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	557 Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Horizontal Collection Method:
 Horizontal Reference Datum:
 Reference Point:
 Other Description:
 Other Desc Cleaned Up:
 Desc Hist:

Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	10	Env EC Required:	N
GPA Type Desc:	Redevelopment Jobs Leveraged	Env IC in Place:	N
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblyztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	N
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:		Pro Income Amt:	
Clnup Iron :		Vacant Housing:	
Clnup Mercury :		Vacant Housing Pct:	
Clnup Nickel :		Total Unemployed:	
Clnup None :		Unemployed Pct:	
Clnup of Structurs:		Below Poverty:	
Clnup oorair :		Below Poverty Pct:	
Clnup Pesticides :		Radius:	
Clnup Selenium :		Actvy Funded:	
Clnup Svocs :		Cost Share Amt:	
Clnup Unkn Media :		Rdctn of Cntmnts:	
Clnup Unknown :		Removal of Mats:	
Env Clnup Jobs:		Repayment Period:	
Env Pro Income Amt:			
Property Alias:			
AA Actvy Funded:			
AA Source of Funding:			
AA Amt Funding:			
Redev Fund Entity:			
Redev Lvrgd Srcs:			
Redev Cmpltn Date:			
Clnup Trmt Tech Info:			
EC Data Address:			
EC Addl Info:			
Env IC Data Address:			
IC Addl Info:			
Ctmnt Found:			
Other Forms of Doc:			
Highlights:			
Ctmnt Cleanedup:			
Media Affected:			

Ctmnt Rec:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	N
ASMT Oth Cont:					Flag IC Required:	N
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30219
Cleanup Drk Wat:					Longitude Measure:	-157.86040
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-008				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Tony Hawaii Automotove Group, LTD				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		557 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	N
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Dt RLF Loan Signed:</i>					<i>Flg Clnup Trmt Tec:</i>	
<i>Dt RLF Sbrgrnt Sgnd:</i>					<i>Flag EC Cover Tech:</i>	
<i>Accmplisht Cnt Flg:</i>					<i>Flg EC Eng Barrier:</i>	
<i>Awp Catalyst Yn:</i>					<i>Flag EC Immblztn:</i>	
<i>Assess ArsenIC :</i>					<i>Flag EC in Place:</i>	
<i>Assess Bldg Mats :</i>					<i>Flag EC Other:</i>	
<i>Assess Cadmium :</i>					<i>Flag EC Required:</i>	N
<i>Assess Chromium :</i>					<i>Flag EC Security:</i>	
<i>Assess Copper :</i>					<i>Flg Prop Not Enrld:</i>	Y
<i>Assess Iron :</i>					<i>Excavation Disposl:</i>	
<i>Assess Mercury :</i>					<i>Extrctn of Cntmnts:</i>	
<i>Assess Nickel :</i>					<i>FCA Fy:</i>	
<i>Assess None :</i>					<i>Ftr Multistry Acre:</i>	
<i>Assess oorair :</i>					<i>RFR Notation:</i>	
<i>Assess Pesticides :</i>					<i>RLF Ln Cst Shr Amt:</i>	
<i>Assess Selenium :</i>					<i>RLF Loan Amount:</i>	
<i>Assess Svocs :</i>					<i>RLF Subgrant Amt:</i>	
<i>Assess Unknown :</i>					<i>Sect 128 A St Trbl:</i>	
<i>Clnup Actvy Funded:</i>					<i>Interest Rate:</i>	
<i>Clnup ArsenIC :</i>					<i>Low Income:</i>	
<i>Clnup Bldg Mats :</i>					<i>Low Income Pct:</i>	
<i>Clnup Cadmium :</i>					<i>Median Income:</i>	
<i>Clnup Chromium :</i>					<i>Multipurpose:</i>	
<i>Clnup Copper :</i>					<i>Past Mltistry Acre:</i>	
<i>Clnup Cst Shr Amt:</i>					<i>Pro Code:</i>	BF
<i>Clnup Doc:</i>					<i>Pro Income Amt:</i>	
<i>Clnup Iron :</i>					<i>Vacant Housing:</i>	
<i>Clnup Mercury :</i>					<i>Vacant Housing Pct:</i>	
<i>Clnup Nickel :</i>					<i>Total Unemployed:</i>	
<i>Clnup None :</i>					<i>Unemployed Pct:</i>	
<i>Clnup of Structurs:</i>					<i>Below Poverty:</i>	
<i>Clnup oorair :</i>					<i>Below Poverty Pct:</i>	
<i>Clnup Pesticides :</i>					<i>Radius:</i>	
<i>Clnup Selenium :</i>					<i>Actvy Funded:</i>	
<i>Clnup Svocs :</i>					<i>Cost Share Amt:</i>	
<i>Clnup Unkn Media :</i>					<i>Rdctn of Cntmnts:</i>	
<i>Clnup Unknown :</i>					<i>Removal of Mats:</i>	
<i>Env Clnup Jobs:</i>					<i>Repayment Period:</i>	
<i>Env Pro Income Amt:</i>						
<i>Property Alias:</i>						
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>AA Amt Funding:</i>						
<i>Redev Fund Entity:</i>						
<i>Redev Lvrgd Srcls:</i>						
<i>Redev Cmpltn Date:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>IC Addl Info:</i>						
<i>Ctmnt Found:</i>						
<i>Other Forms of Doc:</i>						
<i>Highlights:</i>						
<i>Ctmnt Cleanedup:</i>						
<i>Media Affected:</i>						
<i>Ctmnt Rec:</i>						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	N
ASMT Oth Cont:					Flag IC Required:	N
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30219
Cleanup Drk Wat:					Longitude Measure:	-157.86040
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-030-008					
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	Tony Hawaii Automotove Group, LTD					
Property Size:	0					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	557 Halekauwila St					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	N
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awpc Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

97	1 of 3	NE	0.23 / 1,223.15	16.43 / 13	INDUSTRIAL TECHNOLOGY 1088 BISHOP ST HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HID981689177
Gen Status Universe: No Report
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: P O BOX 27066 , , HONOLULU , HI, 96827 , US
Contact Phone No and Ext: 808-528-4608
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Other
Receive Date: 19910712
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19870501
Scheduled Compliance Date: 19890217
Return to Compliance: Observed
Actual Return to Compl: 19890214
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890110
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 19870501
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 19890214
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910712
Handler Name: INDUSTRIAL TECHNOLOGY
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19910712
Handler Name: INDUSTRIAL TECHNOLOGY
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:	
Type: Private	Street 1:	NOT REQUIRED
Name: MAC ENVIRONMENTAL CORP	Street 2:	
Date Became Current:	City:	NOT REQUIRED
Date Ended Current:	State:	ME
Phone: 415-555-1212	Country:	
Source Type: Notification	Zip Code:	99999

Owner/Operator Ind: Current Operator	Street No:	
Type: Private	Street 1:	NOT REQUIRED
Name: NOT REQUIRED	Street 2:	
Date Became Current:	City:	NOT REQUIRED
Date Ended Current:	State:	ME
Phone: 415-555-1212	Country:	
Source Type: Notification	Zip Code:	99999

Historical Handler Details

Receive Dt: 19910712
Generator Code Description: Not a Generator, Verified
Handler Name: INDUSTRIAL TECHNOLOGY

97	2 of 3	NE	0.23 / 1,223.15	16.43 / 13	LONGS DRUG STORE #9182 1088 BISHOP STREET, SUITE 113 HONOLULU HI 96813	HWM
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Site ID: 7663	Latitude: 21.309369
Longitude: -157.861174	

Detail Information

EI ID: HI0000725499
EI Description: HWM - Large Quantity Generator
NFA Date:
Initial Investigation: Jun 29 2016

Detail Information

EI ID: HI0000725499
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Oct 5 2012

Detail Information

EI ID: HI0000725499
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Mar 4 2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Affiliations Information

Affiliation Type Desc:	Operator	State:	RI
Entity Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Country:	US
Entity Title:		Zip Code:	02895
Address:	ONE CVS DR	Phone:	(401) 765-1500
City:	WOONSOCKET		
Affiliation Type Desc:	Administrative Contact	State:	RI
Entity Name:	NICOLE WILKINSON	Country:	
Entity Title:	SENIOR MANAGER, CORPORATE	Zip Code:	02895
Address:	1 CVS DRIVE, MAIL CODE 2340	Phone:	(401) 770-7132
City:	WOONSOCKET		
Affiliation Type Desc:	Administrative Contact	State:	RI
Entity Name:	NICOLE WILKINSON	Country:	US
Entity Title:	SENIOR MANAGER, CORPORATE	Zip Code:	02895
Address:	1 CVS DRIVE, MAIL CODE 2340	Phone:	(401) 770-7132
City:	WOONSOCKET		
Affiliation Type Desc:	Operator	State:	RI
Entity Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Country:	
Entity Title:		Zip Code:	02895
Address:	1 CVS DRIVE, MAIL CODE 2340	Phone:	(401) 765-1500
City:	WOONSOCKET		
Affiliation Type Desc:	Owner	State:	RI
Entity Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Country:	US
Entity Title:		Zip Code:	02895
Address:	ONE CVS DR	Phone:	(401) 765-1500
City:	WOONSOCKET		
Affiliation Type Desc:	Administrative Contact	State:	RI
Entity Name:	WENDY BRANT	Country:	US
Entity Title:	CVS CORPORATE ENVIRONMENTAL MANAGER	Zip Code:	02895
Address:	ONE CVS DRIVE	Phone:	(401) 765-1500
City:	WOONSOCKET		
Affiliation Type Desc:	Owner	State:	RI
Entity Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Country:	
Entity Title:		Zip Code:	02895
Address:	1 CVS DRIVE, MAIL CODE 2340	Phone:	(401) 765-1500
City:	WOONSOCKET		

97	3 of 3	NE	0.23 / 1,223.15	16.43 / 13	INDUSTRIAL TECHNOLOGY 1088 Bishop Street Honolulu HI	HWM
Site ID:	4980			Latitude:	21.309369	
Longitude:	-157.861174					

Detail Information

EI ID:	HID981689177
EI Description:	HWM - Inactive
NFA Date:	Jan 1 1900
Initial Investigation:	Jul 12 1991

Evaluations Information

Violations Found:	Yes	Evaluation Notes:	
Evaluation Date:	05-01-1987	Evaluation Division:	Solid and Hazardous Waste Branch
Evaluation Gen Type:	Inspection	Evaluation Program:	RCRAInfo

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Type:	Focused Compliance Inspection	Evaluation Source:	RCRA
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Enforcement Information

Enforce Action Date:	01-10-1989	Enforce Action Divis:	Solid and Hazardous Waste Branch
Enforce Act Gen Ty:	State Administrative Action (Informal)	Enforce Action Prog:	RCRAInfo
Enforce Action Type:	Warning Letter	Enforce Action Src:	RCRA
Enforce Action Notes:			

Affiliations Information

Affiliation Type Desc:	Administrative Contact	State:	HI
Entity Name:	ENVIRONMENTAL MANAGER	Country:	US
Entity Title:		Zip Code:	96827
Address:	P O BOX 27066	Phone:	(808) 528-4608
City:	HONOLULU		
Affiliation Type Desc:	Operator	State:	ME
Entity Name:	NOT REQUIRED	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		
Affiliation Type Desc:	Owner	State:	ME
Entity Name:	MAC ENVIRONMENTAL CORP	Country:	
Entity Title:		Zip Code:	99999
Address:	NOT REQUIRED	Phone:	(415) 555-1212
City:	NOT REQUIRED		

98	1 of 1	N	0.23 / 1,228.24	9.84 / 7	BANK OF HAWAII ANNEX 800 NUUANU AVE Honolulu HI 96813	UST
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Facility ID (LUST):		Facility ID:	9-100813
Facility Name (LUST):		Latitude:	
Street Address (LUST):		Longitude:	
City (LUST):		Horiz. Ref. Datum:	
State (LUST):		Horiz. Coll. Method:	
ZIP Code (LUST):			
Source(s):	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - UNDERGROUND STORAGE TANK (UST) SECTION		

UST Data Files

Tank ID:	R-1	Installed Date:	3/31/1972
Tank Status Desc:	Permanently Out of Use	Date Closed:	10/20/1997
Substance Desc:	Diesel	Tank Capacity:	1000
Organization Formal Name:	BANK OF HAWAII		
Organization Address:	130 MERCHANT ST		
Organization City:	Honolulu		
Organization State:	HI		
Organization Zip Code:	96813		
Substance Comments:			

99	1 of 1	ESE	0.23 / 1,234.36	6.56 / 3	HEADQUARTERS 969TH CIC HONOLULU HI	FUDS
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FUDS Property No:	H09HI0115
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=62378
FUDS INST ID:	HI99799F385500
Status:	Properties without projects
SDS ID:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: PRIV: PRIVATE KAPIOLANI MEDICAL CENTER FOUNDATION AND GROSVENOR INTERNATIONAL HAWAII.
Has Project: No
DOD FUDS Pro: H09HI0115
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.30333333
Longitude: -157.86
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:
X: -157.859985352
Y: 21.3034057620001
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Property History:

Feature Description:

SITE WAS A FORMER ARMY CIC (COMBAT INFORMATION CENTER). EXACT DATE OF MILITARY OCCUPATION IS UNKNOWN BUT THE BUILDING WAS CONDEMNED FOR LIMITARY USE AT THE ONSET OF WWII.SITE IS CURRENTLY OWNED BY KAPIOLANI MEDICAL CENTER FOUNDTION AND THE GROSVENOR INTERNATIONAL.

100	1 of 1	N	0.23 / 1,239.76	0.00 / -3	HOWLAND ISLAND NATIONAL WILDLIFE REFUGE LAT 1N, LONG 170 170W, 1N, 170W HI 96820	CERCLIS
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Site ID: 0903990	RNPL Status Code: N
Site EPA ID: HI7141190580	NPL Status: Not on the NPL
Site Street Address 2:	RFED Facility Code: Y
Site County Name: HONOLULU	RFED Facility Desc: Federal Facility
Site FIPS Code: 15003	USGS Hydro Unit No.:
Region Code: 09	Site Cong. Dist. Code: 01
Site SMSA No.: 3320	ROT Desc: Federally Owned
Site Prim. Latitude: 21D18M36S	FR NPL Update No.:
Site Prim. Longitude: 157D51M54S	RFRA Code:
Lat Long Source:	
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information	

CERCLIS Assess History

OU ID: 00	RALT Short Name: EPA In-House
Act Code ID: 001	Act Start Date:
RAT Code: VS	Act Complete Date: 6/25/1992 00:00:00
RAT Short Name: ARCH SITE	AGT Order No.: 1500
RAT Name: ARCHIVE SITE	SH OU:
RAT Hist. Only Flag:	SH Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:	13					
RAT Def:					The decision is made that no further activity is planned at the site.	
Site Desc:						
Site Alias:						

CERCLIS Assess History

OU ID:	00				RALT Short Name:	
Act Code ID:					Act Start Date:	
RAT Code:					Act Complete Date:	
RAT Short Name:					AGT Order No.:	0
RAT Name:					SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:					SH Seq:	
RAT Level:					SH Start Date:	
RAT DEF OU:					SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:						
RAT Def:						
Site Desc:					No description available	
Site Alias:					FWS-HOWLAND ISLAND NATIONAL WILDLIFE REFUGE,300 ALA MOANA BLVD,HONOLULU,HI,92311;	

CERCLIS Assess History

OU ID:	00				RALT Short Name:	Fed Fac
Act Code ID:	001				Act Start Date:	
RAT Code:	DS				Act Complete Date:	7/24/1991 00:00:00
RAT Short Name:	DISCVRY				AGT Order No.:	10
RAT Name:	DISCOVERY				SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:	13					
RAT Def:					The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.	
Site Desc:						
Site Alias:						

CERCLIS Assess History

OU ID:	00				RALT Short Name:	Fed Fac
Act Code ID:	001				Act Start Date:	
RAT Code:	PA				Act Complete Date:	6/25/1992 00:00:00
RAT Short Name:	PA				AGT Order No.:	130
RAT Name:	PRELIMINARY ASSESSMENT				SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:	P				SH Lead:	
SPA Code:	13					
RAT Def:					Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.	
Site Desc:						
Site Alias:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Honolulu HI

Site ID: 189 Latitude: 21.302183
 Longitude: -157.860412

Detail Information

EI ID: HIR000139246
 EI Description: HWM - Small Quantity Generator
 NFA Date:
 Initial Investigation: Jun 24 2009

Affiliations Information

Affiliation Type Desc: Operator		State: HI
Entity Name: ACME FENDER LLC		Country: US
Entity Title:		Zip Code: 96813
Address: 565 HALEKAUWILA ST		Phone:
City: HONOLULU		
Affiliation Type Desc: Owner		State: HI
Entity Name: ACME FENDER LLC		Country: US
Entity Title:		Zip Code: 96813
Address: 565 HALEKAUWILA ST		Phone:
City: HONOLULU		
Affiliation Type Desc: Administrative Contact		State:
Entity Name: ERIC TAKEMOTO		Country:
Entity Title:		Zip Code:
Address:		Phone: (808) 592-8757
City:		

101	2 of 2	ESE	0.24 / 1,246.00	6.35 / 3	ACME FENDER 565 HALEKAUWILA ST HONOLULU HI 96813	RCRA NON GEN
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EPA Handler ID: HIR000139246
 Gen Status Universe: No Report
 Contact Name:
 Contact Address:
 Contact Phone No and Ext: 808-592-8757
 Contact Email:
 Contact Country:
 County Name: HONOLULU
 EPA Region: 09
 Land Type: Private
 Receive Date: 20210520
 Location Latitude: 21.302353
 Location Longitude: -157.860248

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20090624
 Handler Name: ACME FENDER
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D018
 Waste Code Description: BENZENE

 Hazardous Waste Code: D035
 Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20210520
 Handler Name: ACME FENDER
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	565 HALEKAUWILA ST
Name:	ACME FENDER LLC	Street 2:	
Date Became Current:	20030101	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Implementer	Zip Code:	96813

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	565 HALEKAUWILA ST
Name:	ACME FENDER LLC	Street 2:	
Date Became Current:	20030101	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Notification	Zip Code:	96813

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	565 HALEKAUWILA ST
Name:	ACME FENDER LLC	Street 2:	
Date Became Current:	20030101	City:	HONOLULU
Date Ended Current:		State:	HI
Phone:		Country:	US
Source Type:	Implementer	Zip Code:	96813

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	565 HALEKAUWILA ST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name:	ACME FENDER LLC	Street 2:				
Date Became Current:	20030101	City:			HONOLULU	
Date Ended Current:		State:			HI	
Phone:		Country:			US	
Source Type:	Notification	Zip Code:			96813	

Historical Handler Details

Receive Dt:	20090624
Generator Code Description:	Small Quantity Generator
Handler Name:	ACME FENDER

102	1 of 2	NE	0.24 / 1,248.69	13.59 / 10	HAWAII PACIFIC UNIVERSITY 1060 BISHOP ST HONOLULU HI 96813	RCRA VSQG
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EPA Handler ID:	HIR000055376
Gen Status Universe:	VSG
Contact Name:	KEN DAVIS
Contact Address:	1060 BISHOP ST , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext:	808-544-0262
Contact Email:	
Contact Country:	US
County Name:	HONOLULU
EPA Region:	09
Land Type:	Private
Receive Date:	19990811
Location Latitude:	21.308977
Location Longitude:	-157.860913

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation:	Yes
Citation:	S - 262.10-12.A
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	20010306
Scheduled Compliance Date:	
Return to Compliance:	Documented
Actual Return to Compl:	20011003
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	20010306
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Citation: S - 261.5
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20010306
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20011003
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20010306
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20010110
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20011003
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990811
Handler Name: HAWAII PACIFIC UNIVERSITY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind: Current Owner Type: Private Name: HAWAII PACIFIC UNIVERSITY Date Became Current: Date Ended Current: Phone: 808-544-0200 Source Type: Notification						
Street No: Street 1: 45 045 KAMEHAMEHA HWY Street 2: City: KANEHOHE State: HI Country: Zip Code: 96744						

[102](#) 2 of2 **NE** 0.24 / 1,248.69 13.59 / 10 **HAWAII PACIFIC UNIVERSITY
1060 Bishop Street
Honolulu HI** **HWM**

Site ID: 3662 **Latitude:** 21.309110
Longitude: -157.861010

Detail Information

EI ID: HIR000055376
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Aug 11 1999

Evaluations Information

Violations Found: Yes **Evaluation Notes:** FAILURE TO MAKE HAZARDOUS WASTE DETERMINATIONS (262.11) EHOWARD 20010420.10:07S FACILITY TREATED AND DISPOSED OF HAZARDOUS WASTE ON THE PREMISES WITHOUT A PERMIT (VIOLATED: 261.5(G)(3)) EHOWARD 20010420.10:08S
Evaluation Date: 01-10-2001 **Evaluation Division:** Solid and Hazardous Waste Branch
Evaluation Gen Type: Inspection **Evaluation Program:** RCRAInfo
Evaluation Type: Compliance Evaluation Inspection **Evaluation Source:** RCRA

Enforcement Information

Enforce Action Date: 03-06-2001 **Enforce Action Divis:** Solid and Hazardous Waste Branch
Enforce Act Gen Ty: State Administrative Action (Informal) **Enforce Action Prog:** RCRAInfo
Enforce Action Type: Warning Letter **Enforce Action Src:** RCRA
Enforce Action Notes:

Affiliations Information

Affiliation Type Desc: Administrative Contact **State:** HI
Entity Name: KEN DAVIS **Country:** US
Entity Title: **Zip Code:** 96813
Address: 1060 BISHOP ST **Phone:** (808) 544-0262
City: HONOLULU

Affiliation Type Desc: Owner **State:** HI
Entity Name: HAWAII PACIFIC UNIVERSITY **Country:**
Entity Title: **Zip Code:** 96744
Address: 45 045 KAMEHAMEHA HWY **Phone:** (808) 544-0200
City: KANEHOHE

[103](#) 1 of1 **NE** 0.24 / 1,262.34 13.12 / 10 **LONGS DRUG STORE #9182
1088 BISHOP STREET, SUITE 113
HONOLULU HI 96813** **RCRA
NON GEN**

EPA Handler ID: HI0000725499
Gen Status Universe: No Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Name: NICOLE WILKINSON
Contact Address: 1 , CVS DR MC2340 , , WOONSOCKET , RI, 02895 , US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20220831
Location Latitude: 21.308451
Location Longitude: -157.861591

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940906
Handler Name: LONGS DRUG STORE 20
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101101
Handler Name: LONGS DRUG STORE NO 9182
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20121005
Handler Name: LONGS DRUG STORE NO 9182
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20150715
Handler Name: LONGS DRUG STORE #9182
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Waste Code Details</u>						
Hazardous Waste Code:			D001			
Waste Code Description:			IGNITABLE WASTE			
Hazardous Waste Code:			D002			
Waste Code Description:			CORROSIVE WASTE			
Hazardous Waste Code:			D004			
Waste Code Description:			ARSENIC			
Hazardous Waste Code:			D005			
Waste Code Description:			BARIUM			
Hazardous Waste Code:			D006			
Waste Code Description:			CADMIUM			
Hazardous Waste Code:			D007			
Waste Code Description:			CHROMIUM			
Hazardous Waste Code:			D008			
Waste Code Description:			LEAD			
Hazardous Waste Code:			D009			
Waste Code Description:			MERCURY			
Hazardous Waste Code:			D010			
Waste Code Description:			SELENIUM			
Hazardous Waste Code:			D011			
Waste Code Description:			SILVER			
Hazardous Waste Code:			D016			
Waste Code Description:			2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)			
Hazardous Waste Code:			D018			
Waste Code Description:			BENZENE			
Hazardous Waste Code:			D024			
Waste Code Description:			M-CRESOL			
Hazardous Waste Code:			D027			
Waste Code Description:			1,4-DICHLOROBENZENE			
Hazardous Waste Code:			D035			
Waste Code Description:			METHYL ETHYL KETONE			
Hazardous Waste Code:			D039			
Waste Code Description:			TETRACHLOROETHYLENE			
Hazardous Waste Code:			P001			
Waste Code Description:			2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%			
Hazardous Waste Code:			P012			
Waste Code Description:			ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE			
Hazardous Waste Code:			P075			
Waste Code Description:			NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS			
Hazardous Waste Code:			P188			
Waste Code Description:			BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE			
Hazardous Waste Code:			U002			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:			2-PROPANONE (I) (OR) ACETONE (I)			
Hazardous Waste Code:			U010			
Waste Code Description:			AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYL]OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C			
Hazardous Waste Code:			U031			
Waste Code Description:			1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)			
Hazardous Waste Code:			U034			
Waste Code Description:			ACETALDEHYDE, TRICHLORO- (OR) CHLORAL			
Hazardous Waste Code:			U035			
Waste Code Description:			BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL			
Hazardous Waste Code:			U044			
Waste Code Description:			CHLOROFORM (OR) METHANE, TRICHLORO-			
Hazardous Waste Code:			U058			
Waste Code Description:			2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE			
Hazardous Waste Code:			U059			
Waste Code Description:			5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL] OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN			
Hazardous Waste Code:			U070			
Waste Code Description:			BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE			
Hazardous Waste Code:			U072			
Waste Code Description:			BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE			
Hazardous Waste Code:			U089			
Waste Code Description:			DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-			
Hazardous Waste Code:			U122			
Waste Code Description:			FORMALDEHYDE			
Hazardous Waste Code:			U129			
Waste Code Description:			CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE			
Hazardous Waste Code:			U132			
Waste Code Description:			HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-			
Hazardous Waste Code:			U150			
Waste Code Description:			L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN			
Hazardous Waste Code:			U151			
Waste Code Description:			MERCURY			
Hazardous Waste Code:			U154			
Waste Code Description:			METHANOL (I) (OR) METHYL ALCOHOL (I)			
Hazardous Waste Code:			U165			
Waste Code Description:			NAPHTHALENE			
Hazardous Waste Code:			U188			
Waste Code Description:			PHENOL			
Hazardous Waste Code:			U200			
Waste Code Description:			RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-			
Hazardous Waste Code:			U201			
Waste Code Description:			1,3-BENZENEDIOL (OR) RESORCINOL			
Hazardous Waste Code:			U204			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		SELENIUM ACID (OR) SELENIUM DIOXIDE				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				
Hazardous Waste Code:		U206				
Waste Code Description:		D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN				
Hazardous Waste Code:		U210				
Waste Code Description:		ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE				
Hazardous Waste Code:		U279				
Waste Code Description:		CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE				
Hazardous Waste Code:		U411				
Waste Code Description:		PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		1				
Receive Date:		20160304				
Handler Name:		LONGS DRUG STORE #9182				
Source Type:		Annual/Biennial Report update with Notification				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D024				
Waste Code Description:		M-CRESOL				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20160629
Handler Name: LONGS DRUG STORE #9182
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20180227
Handler Name: LONGS DRUG STORE #9182
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		D024				
Waste Code Description:		M-CRESOL				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20200228
Handler Name: LONGS DRUG STORE #9182
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U034				
Waste Code Description:		ACETALDEHYDE, TRICHLORO- (OR) CHLORAL				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Hazardous Waste Code:		U165				
Waste Code Description:		NAPHTHALENE				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20210117
Handler Name: LONGS DRUG STORE #9182
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U165
Waste Code Description: NAPHTHALENE

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20210717
Handler Name: LONGS DRUG STORE #9182
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U165
Waste Code Description: NAPHTHALENE

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20220223
Handler Name: LONGS DRUG STORE #9182
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D010				
Waste Code Description:		SELENIUM				
Hazardous Waste Code:		D024				
Waste Code Description:		M-CRESOL				
Hazardous Waste Code:		P001				
Waste Code Description:		2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%				
Hazardous Waste Code:		P075				
Waste Code Description:		NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U129				
Waste Code Description:		CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE				
Hazardous Waste Code:		U165				
Waste Code Description:		NAPHTHALENE				
Hazardous Waste Code:		U188				
Waste Code Description:		PHENOL				
Hazardous Waste Code:		U205				
Waste Code Description:		SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220831
Handler Name: LONGS DRUG STORE #9182
Source Type: Deactivation
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	1
Type:	Private	Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Street 2:	
Date Became Current:	20081022	City:	WOONSOCKET
Date Ended Current:		State:	RI
Phone:	401-765-1500	Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	02895

Owner/Operator Ind:	Current Operator	Street No:	1
Type:	Private	Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Street 2:	
Date Became Current:	20081022	City:	WOONSOCKET
Date Ended Current:		State:	RI
Phone:	401-765-1500	Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	02895

Owner/Operator Ind:	Current Owner	Street No:	1
Type:	Private	Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	Street 2:	
Date Became Current:	20081022	City:	WOONSOCKET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					RI	
Phone:	401-765-1500				US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No: 1	
Type:	Private				Street 1: CVS DRIVE, MAIL CODE 2340	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Annual/Biennial Report update with Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: ONE CVS DR	
Name:	CVS PHARMACY INC				Street 2:	
Date Became Current:	20081020				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No: 1	
Type:	Private				Street 1: CVS DRIVE, MAIL CODE 2340	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Deactivation				Zip Code: 02895	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: ONE CVS DR	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1: ONE CVS DR	
Name:	CVS PHARMACY INC				Street 2:	
Date Became Current:	20081020				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No: 1	
Type:	Private				Street 1: CVS DRIVE, MAIL CODE 2340	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1: ONE CVS DR	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City: WOONSOCKET	
Date Ended Current:					State: RI	
Phone:	401-765-1500				Country: US	
Source Type:	Notification				Zip Code: 02895	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: 141 N CIVIC DR	
Name:	LONGS DRUG STORES CALIF INC				Street 2:	
Date Became Current:					City: WALNUT CREEK	
Date Ended Current:					State: CA	
Phone:	510-937-1170				Country: US	
Source Type:	Notification				Zip Code: 94596	
Owner/Operator Ind:	Current Owner				Street No: 1	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type:	Private				Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City:	WOONSOCKET
Date Ended Current:					State:	RI
Phone:	401-765-1500				Country:	US
Source Type:	Deactivation				Zip Code:	02895

Owner/Operator Ind:	Current Owner				Street No:	1
Type:	Private				Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City:	WOONSOCKET
Date Ended Current:					State:	RI
Phone:	401-765-1500				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	02895

Owner/Operator Ind:	Current Owner				Street No:	1
Type:	Private				Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City:	WOONSOCKET
Date Ended Current:					State:	RI
Phone:	401-765-1500				Country:	US
Source Type:	Notification				Zip Code:	02895

Owner/Operator Ind:	Current Operator				Street No:	1
Type:	Private				Street 1:	CVS DRIVE, MAIL CODE 2340
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C				Street 2:	
Date Became Current:	20081022				City:	WOONSOCKET
Date Ended Current:					State:	RI
Phone:	401-765-1500				Country:	US
Source Type:	Notification				Zip Code:	02895

Historical Handler Details

Receive Dt:	20220223
Generator Code Description:	Very Small Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20210717
Generator Code Description:	Very Small Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20210117
Generator Code Description:	Very Small Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20200228
Generator Code Description:	Large Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20180227
Generator Code Description:	Large Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20160629
Generator Code Description:	Large Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20160304
Generator Code Description:	Small Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20150715
Generator Code Description:	Small Quantity Generator
Handler Name:	LONGS DRUG STORE #9182

Receive Dt:	20121005
Generator Code Description:	Very Small Quantity Generator
Handler Name:	LONGS DRUG STORE NO 9182

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Dt: 20101101
Generator Code Description: Very Small Quantity Generator
Handler Name: LONGS DRUG STORE NO 9182

Receive Dt: 19940906
Generator Code Description: Very Small Quantity Generator
Handler Name: LONGS DRUG STORE 20

104	1 of 1	N	0.24 / 1,276.09	6.13 / 3	HONOLULU HARBOR PIERS 16 17 18 PIER 16 17 18 HONOLULU HARBOR HONOLULU HI 96817	HWM
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Site ID: 4626 **Latitude:** 21.310267
Longitude: -157.864283

Detail Information

EI ID: HI0000026484
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Jun 16 2016

Evaluations Information

Violations Found: Yes	Evaluation Notes:
Evaluation Date: 05-01-2000	Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Gen Type: Inspection	Evaluation Program: RCRAInfo
Evaluation Type: Compliance Evaluation Inspection	Evaluation Source: RCRA

Violations Found: Yes	Evaluation Notes:
Evaluation Date: 03-16-2004	Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Gen Type: Inspection	Evaluation Program: RCRAInfo
Evaluation Type: Compliance Evaluation Inspection	Evaluation Source: RCRA

Violations Found: Yes	Evaluation Notes:
Evaluation Date: 04-25-2008	Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Gen Type: Inspection	Evaluation Program: RCRAInfo
Evaluation Type: Compliance Evaluation Inspection	Evaluation Source: RCRA

Enforcement Information

Enforce Action Date: 05-06-2004	Enforce Action Divis: Solid and Hazardous Waste Branch
Enforce Act Gen Ty: State Administrative Action (Informal)	Enforce Action Prog: RCRAInfo
Enforce Action Type: Warning Letter	Enforce Action Src: RCRA
Enforce Action Notes:	

Enforce Action Date: 05-21-2001	Enforce Action Divis: Solid and Hazardous Waste Branch
Enforce Act Gen Ty: State Administrative Action (Formal)	Enforce Action Prog: RCRAInfo
Enforce Action Type: Initial 3008(a) Compliance	Enforce Action Src: RCRA
Enforce Action Notes: This order combined five separate DOT facilities (inspections).	

Enforce Action Date: 06-20-2008	Enforce Action Divis: Solid and Hazardous Waste Branch
Enforce Act Gen Ty: State Administrative Action (Informal)	Enforce Action Prog: RCRAInfo
Enforce Action Type: Warning Letter	Enforce Action Src: RCRA
Enforce Action Notes:	

Affiliations Information

Affiliation Type Desc: Administrative Contact **State:** HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Entity Name:	MICHELE FREITAS				Country: US	
Entity Title:	ENVIRONMENTAL HEALTH SPECIALIST				Zip Code: 96813	
Address:	79 S. NIMITZ HIGHWAY				Phone: (808) 587-1976	
City:	HONOLULU					
Affiliation Type Desc:	Owner				State: HI	
Entity Name:	DOT - HARBORS DIVISION				Country: US	
Entity Title:					Zip Code: 96813	
Address:	79 S. NIMITZ HIGHWAY				Phone: (808) 587-1976	
City:	HONOLULU					
Affiliation Type Desc:	Operator				State: HI	
Entity Name:	DOT - HARBORS DIVISION				Country: US	
Entity Title:					Zip Code: 96813	
Address:	79 S. NIMITZ HIGHWAY				Phone: (808) 587-1976	
City:	HONOLULU					

[105](#) 1 of 1 **ENE** 0.25 / 1,318.94 13.12 / 10 **YWCA OF OAHU**
1040 RICHARDS STREET
HONOLULU HI 96813 **RCRA**
NON GEN

EPA Handler ID: HIP000144295
Gen Status Universe: No Report
Contact Name: RHONDA JONES
Contact Address: 1040 , RICHARDS STREET , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-695-2619
Contact Email: RJONES@YWCAOAHU.ORG
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Private
Receive Date: 20170501
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20170130
Handler Name: YWCA OF OAHU
Source Type: Temporary
Federal Waste Generator Code: 3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20170501
Handler Name: YWCA OF OAHU
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No: 1040
Type: Private	Street 1: RICHARDS STREET
Name: YWCA OF OAHU	Street 2:
Date Became Current: 19210101	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-538-7061	Country: US
Source Type: Temporary	Zip Code: 96813

Owner/Operator Ind: Current Owner	Street No: 1040
Type: Private	Street 1: RICHARDS STREET
Name: YWCA OF OAHU	Street 2:
Date Became Current: 19210101	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-538-7061	Country: US
Source Type: Temporary	Zip Code: 96813

Owner/Operator Ind: Current Owner	Street No: 1040
Type: Private	Street 1: RICHARDS STREET
Name: YWCA OF OAHU	Street 2:
Date Became Current: 19210101	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-538-7061	Country: US
Source Type: Implementer	Zip Code: 96813

Owner/Operator Ind: Current Operator	Street No: 1040
Type: Private	Street 1: RICHARDS STREET
Name: YWCA OF OAHU	Street 2:
Date Became Current: 19210101	City: HONOLULU
Date Ended Current:	State: HI
Phone: 808-538-7061	Country: US
Source Type: Implementer	Zip Code: 96813

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20170130				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		YWCA OF OAHU				

106	1 of 3	SSE	0.25 / 1,327.94	3.28 / 0	595 Ala Moana Black Oil Pipeline 595 Ala Moana Blvd Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 388
Site Name (Public iHEER): 595 Ala Moana Black Oil Pipeline
Aliases (Public iHEER): Brownfields Low Priority Site, HEER Case No. 20070629-1129, Honolulu Harbor Downtown Unit, SLR 3.2ft Flooding
Street (Public iHEER): 595 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/8/2021 12:09:47 PM
Ms Access ID (Public iHEER): 1232
Suppl Loc (Public iHEER): 595 Ala Moana Blvd, Honolulu, HI 96814
Tax Map Keys (Public iHEER): 121015018
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 388
Site Name (PORTAL): 595 Ala Moana Black Oil Pipeline
Loc Desc (PORTAL): 595 Ala Moana Blvd, Honolulu, HI 96814
Address (PORTAL): 595 Ala Moana Blvd
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Paul Chong
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/388/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Dec 28, 2010
Document No: 14650
Type: Monitoring Report
Title: 3rd and 4th Quarter Monitoring Reports, 595 Ala Moana Black Oil Pipeline
Imported From: 93817.pdf

iHEER System - Documents

Date : Aug 23, 2007
Document No: 67877
Type: Letter of Interest
Title: 595 Ala Moana Black Oil Pipeline
Imported From: media53367\20141117091625587.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 17, 2008				
Document No:		67875				
Type:		Monitoring Report				
Title:		Ala Moana Manhole Activities Update Report for 2008, Case ID 20070629-1129				
Imported From:		58452.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 28, 2008				
Document No:		67864				
Type:		Monitoring Report				
Title:		Ala Moana Manhole Report Jan - Dec 2007				
Imported From:		35995.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 13, 2005				
Document No:		67872				
Type:		Undetermined				
Title:		Chromatogram Plot				
Imported From:		111485.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 26, 2008				
Document No:		14978				
Type:		Undetermined				
Title:		Cover Letter for Mitigating the Release of Bunker Fuel				
Imported From:		7319.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 16, 2008				
Document No:		67874				
Type:		Undetermined				
Title:		Email Correspondence Regarding future funds for the tapping and draining of the pipelines				
Imported From:		media111490\20141117091637363.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 26, 2007				
Document No:		67873				
Type:		Undetermined				
Title:		Fingerprinting Project				
Imported From:		media111486\20141114175043124.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 6, 2008				
Document No:		67865				
Type:		Undetermined				
Title:		Letter Moving Forward				
Imported From:		7715.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 30, 2007				
Document No:		26941				
Type:		Letter of Interest				
Title:		Notice of Potential Violation, Deficiency at 595 Ala Moana Blvd, Honolulu HI 96803, TMK 1-2-1-015-018				
Imported From:		media6565\20141117081540543.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 2, 2013
Document No: 67866
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 3rd Quarter.msg

iHEER System - Documents

Date : Jul 2, 2013
Document No: 67868
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 2nd Quarter.msg

iHEER System - Documents

Date : Jan 4, 2013
Document No: 67870
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 4th Quarter.msg

iHEER System - Documents

Date : Oct 2, 2014
Document No: 67867
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2014 3rd Quarter.msg

iHEER System - Documents

Date : Jan 4, 2013
Document No: 67869
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2012 4th Quarter.msg

iHEER System - Documents

Date : Jul 1, 2014
Document No: 67871
Type: Monitoring Report
Title: Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline
Imported From: media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2014 2nd Quarter.msg

iHEER System - Documents

Date : Jul 3, 2008
Document No: 19333
Type: Review Letter
Title: Response to June 6,2008 Letter submitted to HDOH
Imported From: 08-450-AF.pdf

iHEER System - Documents

Date : Mar 18, 2008

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 19332
Type: Review Letter
Title: Review of Ala Moana Manhole Report dated Feb 2007
Imported From: 08-220-AF-FINAL-D.pdf

iHEER System - Documents

Date : Jun 24, 2009
Document No: 13881
Type: Undetermined
Title: Summary Report for Case ID 200706291129
Imported From: 60155.pdf

iHEER System - Locations Details

Locations ID: 1272
Location Type: SC
Description:
Comment : Centroid, TMK 121015018; eric.sadoyama; Primary;
Centroid: POINT (-157.863154 21.299531)
Geometry:

POINT (-157.863154 21.299531)

Site Details

Centroid: POINT (-157.863154 21.299531)
Updated On: 2/8/2021 12:09:47 PM
Coordinates: 21.299531,-157.863154

iHEER System - Aliases

Name: Honolulu Harbor Downtown Unit

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: HEER Case No. 20070629-1129

iHEER System - Aliases

Name: SLR 3.2ft Flooding

106	2 of 3	SSE	0.25 / 1,327.94	3.28 / 0	595 Ala Moana Black Oil Pipeline 595 Ala Moana Blvd Honolulu HI 96814	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Paul Chong
Assessment:	Assessment Ongoing	Document Date:	
Response:		Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc Zip Suffix:	
Priority:	Low	Latitude:	21.299887
Engineer Control:		Longitude:	-157.863863

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Institutional Control:
Supplemental Location: sidewalk manholes fronting Federal ICE Bldg
Within Design. Area Contam.: Honolulu Harbor Downtown Unit
SDAR Enviro Interest Name: 595 Ala Moana Black Oil Pipeline
Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination: Found: Petroleum in valve box.
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: Additional coordinates.
Latitude: 21.30053
Longitude: -157.862549
Comments:
Contact Information:

Coordinate for Mapping: Yes
Latitude: 21.299887
Longitude: -157.863863
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121015018
Acres from TMK: 121015018
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	388	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	1232	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organtzns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Contamination Above:	false	Location Desc:	595 Ala Moana Blvd
COPC Action Reqd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	paul.chong@doh.hawaii.gov
Program History:			

HEER Online - Location

Locations ID:	1272	Incident ID:	
Location Type:	SC	Description:	
Comment:	Centroid, TMK 121015018; eric.sadoyama; Primary;		
Geometry:	POINT (-157.864 21.2999)		
Centroid:	POINT (-157.864 21.2999)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
106	3 of 3	SSE	0.25 / 1,327.94	3.28 / 0	595 Ala Moana Black Oil Pipeline 595 Ala Moana Blvd Honolulu HI 96814	BROWNFIELDS

iHEER ID (Public iHEER): 388
Island (Public iHEER): Oahu
Site Name (Public iHEER): 595 Ala Moana Black Oil Pipeline
Aliases (Public iHEER): Brownfields Low Priority Site, HEER Case No. 20070629-1129, Honolulu Harbor Downtown Unit, SLR 3.2ft Flooding
Street (Public iHEER): 595 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96814
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 595 Ala Moana Blvd, Honolulu, HI 96814
Program (Public iHEER): State
Status Name (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 2/8/2021 12:09:47 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 1232
Tax Map Keys (Public iHEER): 121015018
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 388
Island (PORTAL): Oahu
Site Name (PORTAL): 595 Ala Moana Black Oil Pipeline
Address (PORTAL): 595 Ala Moana Blvd
Honolulu, HI 96814
County (PORTAL): Honolulu
Loc Desc (PORTAL): 595 Ala Moana Blvd, Honolulu, HI 96814
Program (PORTAL): State
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Paul Chong
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/388/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Dec 28, 2010
Type: Monitoring Report
Title: 3rd and 4th Quarter Monitoring Reports, 595 Ala Moana Black Oil Pipeline
Document No: 14650
Imported From: 93817.pdf

iHEER System - Documents

Date : Aug 23, 2007
Type: Letter of Interest
Title: 595 Ala Moana Black Oil Pipeline
Document No: 67877
Imported From: media53367\20141117091625587.pdf

iHEER System - Documents

Date : Dec 17, 2008
Type: Monitoring Report
Title: Ala Moana Manhole Activities Update Report for 2008, Case ID 20070629-1129
Document No: 67875
Imported From: 58452.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 28, 2008
Type: Monitoring Report
Title: Ala Moana Manhole Report Jan - Dec 2007
Document No: 67864
Imported From: 35995.pdf

iHEER System - Documents

Date : Jul 13, 2005
Type: Undetermined
Title: Chromatogram Plot
Document No: 67872
Imported From: 111485.pdf

iHEER System - Documents

Date : Feb 26, 2008
Type: Undetermined
Title: Cover Letter for Mitigating the Release of Bunker Fuel
Document No: 14978
Imported From: 7319.pdf

iHEER System - Documents

Date : Jan 16, 2008
Type: Undetermined
Title: Email Correspondence Regarding future funds for the tapping and draining of the pipelines
Document No: 67874
Imported From: media111490\20141117091637363.pdf

iHEER System - Documents

Date : Jun 26, 2007
Type: Undetermined
Title: Fingerprinting Project
Document No: 67873
Imported From: media111486\20141114175043124.pdf

iHEER System - Documents

Date : Jun 6, 2008
Type: Undetermined
Title: Letter Moving Forward
Document No: 67865
Imported From: 7715.pdf

iHEER System - Documents

Date : Jul 30, 2007
Type: Letter of Interest
Title: Notice of Potential Violation, Deficiency at 595 Ala Moana Blvd, Honolulu HI 96803, TMK 1-2-1-015-018
Document No: 26941
Imported From: media6565\20141117081540543.pdf

iHEER System - Documents

Date : Oct 2, 2013
Type: Monitoring Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67866	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 3rd Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Jul 2, 2013	
Type:					Monitoring Report	
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67868	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 2nd Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Jan 4, 2013	
Type:					Monitoring Report	
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67870	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2013 4th Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Oct 2, 2014	
Type:					Monitoring Report	
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67867	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2014 3rd Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Jan 4, 2013	
Type:					Monitoring Report	
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67869	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2012 4th Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Jul 1, 2014	
Type:					Monitoring Report	
Title:					Quarterly Monitoring Reports for 595 Ala Moana Black Oil Pipeline	
Document No:					67871	
Imported From:					media111418\Inspection Update for 595 Ala Moana Boulevard Manhole - 2014 2nd Quarter.msg	
<u>iHEER System - Documents</u>						
Date :					Jul 3, 2008	
Type:					Review Letter	
Title:					Response to June 6,2008 Letter submitted to HDOH	
Document No:					19333	
Imported From:					08-450-AF.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 18, 2008	
Type:					Review Letter	
Title:					Review of Ala Moana Manhole Report dated Feb 2007	
Document No:					19332	
Imported From:					08-220-AF-FINAL-D.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 24, 2009
Type: Undetermined
Title: Summary Report for Case ID 200706291129
Document No: 13881
Imported From: 60155.pdf

Locations Details

Locations ID: 1272
Location Type: SC
Description:
Comment : Centroid, TMK 121015018; eric.sadoyama; Primary;
Centroid: POINT (-157.863154 21.299531)
Geometry:
 POINT (-157.863154 21.299531)

Details

Centroid: POINT (-157.863154 21.299531)
Updated On: 2/8/2021 12:09:47 PM
Coordinates: 21.299531,-157.863154

107	1 of 1	SE	0.25 / 1,337.08	3.28 / 0	EUROCARE/KEICO PACIFIC/SHONS AUT 545 SOUTH ST Honolulu HI 96813	LUST
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Facility ID: 9-102760
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	930110
Status Date:	6/20/1997	Project Officer:	Roger Brewer

108	1 of 2	NNE	0.25 / 1,343.94	19.69 / 16	DR. SUN YAT-SEN MEMORIAL PARK 1041 BETHEL STREET HONOLULU HI 96813	SHWS
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iHEER ID (Public iHEER): 2968
Site Name (Public iHEER): DR. SUN YAT-SEN MEMORIAL PARK
Aliases (Public iHEER): Brownfields Unranked Site, Construction EHMP
Street (Public iHEER): 1041 BETHEL STREET
City (Public iHEER): HONOLULU
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/17/2021 5:32:18 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER):
Tax Map Keys (Public iHEER): 121003015
iHEER ID (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2968
Site Name (PORTAL): DR. SUN YAT-SEN MEMORIAL PARK
Loc Desc (PORTAL): —
Address (PORTAL): 1041 BETHEL STREET
 HONOLULU, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2968/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Oct 15, 2021
Document No: 181310
Type: Undetermined
Title: Disposal Documentation
Imported From:

iHEER System - Documents

Date : May 23, 2020
Document No: 175664
Type: Undetermined
Title: E-permitting submittal form
Imported From:

iHEER System - Documents

Date : May 23, 2020
Document No: 175510
Type: Site Characterization Work Plan
Title: RE: Soil Sampling Plan: Additional soil sampling in the pit, post UST removal. Dr. Sun Yat-Sen Memorial Park 1041 Bethel Street, Honolulu, Hawaii 96813; State of Hawaii Department of Health Hazard Evaluation and Emergency Response Case No. 2019-1217-1549
Imported From:

iHEER System - Documents

Date : May 18, 2020
Document No: 175663
Type: Undetermined
Title: Re: Sun Yat-Sen Memorial Park 1041 Bethel Street, Honolulu, Hawaii 96813; Additional soil sampling in the pit, post UST removal. State of Hawaii Department of Health Hazard Evaluation and Emergency Response Case No. 2019-1217-1549
Imported From:

iHEER System - Documents

Date : Dec 18, 2020
Document No: 179339
Type: Site Characterization Report
Title: Response to HDOH letter dated February 23, 2021 (File 178861 IV) Operable Unit 1B
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 4, 2020
Document No: 175515
Type: Comment Letter
Title: Review of: Soil Sampling Plan: Additional soil sampling in the pit, post UST removal
Imported From:

iHEER System - Documents

Date : May 23, 2020
Document No: 175511
Type: Site Characterization Work Plan
Title: Soil Sampling Plan: Additional soil sampling in the pit, post UST removal_submittal
Imported From:

iHEER System - Documents

Date : Feb 13, 2020
Document No: 173314
Type: Removal Action Work Plan
Title: UNDERGROUND STORAGE TANK REMOVAL UNKNOWN LIQUID AND SUBSURFACE SOIL SAMPLING
Imported From:

iHEER System - Documents

Date : Feb 13, 2020
Document No: 173313
Type: Removal Action Report
Title: UNDERGROUND STORAGE TANK REMOVAL UNKNOWN LIQUID AND SUBSURFACE SOIL SAMPLING_submittal
Imported From:

iHEER System - Locations Details

Locations ID: 4800
Location Type: SC
Description: Former UST Location
Comment : from e-permitting
Centroid: POINT (-157.8615157 21.310646100000007)
Geometry:

POINT (-157.8615157 21.310646100000007)

iHEER System - Locations Details

Locations ID: 4801
Location Type: SB
Description:
Comment : Report Map
Centroid: POINT (-157.86151885431116 21.31085928452055)
Geometry:

POLYGON ((-157.86151167668683 21.31110951130464, -157.86175575770815 21.310987069973343, -157.8615224055178 21.310604752505121, -157.86128368892096 21.31073718938768, -157.86151167668683 21.31110951130464))

Site Details

Centroid: POINT (-157.8615157 21.310646100000007)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Updated On:		11/17/2021 5:32:18 PM				
Coordinates:		21.310646100000007,-157.8615157				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Unranked Site				
<u>iHEER System - Aliases</u>						
Name:		Construction EHMP				

108	2 of 2	NNE	0.25 / 1,343.94	19.69 / 16	DR. SUN YAT-SEN MEMORIAL PARK 1041 BETHEL STREET HONOLULU HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 2968
Island (Public iHEER): Oahu
Site Name (Public iHEER): DR. SUN YAT-SEN MEMORIAL PARK
Aliases (Public iHEER): Brownfields Unranked Site, Construction EHMP
Street (Public iHEER): 1041 BETHEL STREET
City (Public iHEER): HONOLULU
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER):
Program (Public iHEER): State
Status Name (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 11/17/2021 5:32:18 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER):
Tax Map Keys (Public iHEER): 121003015
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2968
Island (PORTAL): Oahu
Site Name (PORTAL): DR. SUN YAT-SEN MEMORIAL PARK
Address (PORTAL): 1041 BETHEL STREET
HONOLULU, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): —
Program (PORTAL): State
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2968/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Oct 15, 2021
Type: Undetermined
Title: Disposal Documentation
Document No: 181310
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			May 23, 2020			
Type:			Undetermined			
Title:			E-permitting submittal form			
Document No:			175664			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 23, 2020			
Type:			Site Characterization Work Plan			
Title:			RE: Soil Sampling Plan: Additional soil sampling in the pit, post UST removal. Dr. Sun Yat-Sen Memorial Park 1041 Bethel Street, Honolulu, Hawaii 96813; State of Hawaii Department of Health Hazard Evaluation and Emergency Response Case No. 2019-1217-1549			
Document No:			175510			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 18, 2020			
Type:			Undetermined			
Title:			Re.: Sun Yat-Sen Memorial Park 1041 Bethel Street, Honolulu, Hawaii 96813; Additional soil sampling in the pit, post UST removal. State of Hawaii Department of Health Hazard Evaluation and Emergency Response Case No. 2019-1217-1549			
Document No:			175663			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 18, 2020			
Type:			Site Characterization Report			
Title:			Response to HDOH letter dated February 23, 2021 (File 178861 IV) Operable Unit 1B			
Document No:			179339			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 4, 2020			
Type:			Comment Letter			
Title:			Review of: Soil Sampling Plan: Additional soil sampling in the pit, post UST removal			
Document No:			175515			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 23, 2020			
Type:			Site Characterization Work Plan			
Title:			Soil Sampling Plan: Additional soil sampling in the pit, post UST removal_submittal			
Document No:			175511			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2020			
Type:			Removal Action Work Plan			
Title:			UNDERGROUND STORAGE TANK REMOVAL UNKNOWN LIQUID AND SUBSURFACE SOIL SAMPLING			
Document No:			173314			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2020			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Removal Action Report
Title: UNDERGROUND STORAGE TANK REMOVAL UNKNOWN LIQUID AND SUBSURFACE SOIL SAMPLING_submittal
Document No: 173313
Imported From:

Locations Details

Locations ID: 4800
Location Type: SC
Description: Former UST Location
Comment : from e-permitting
Centroid: POINT (-157.8615157 21.310646100000007)
Geometry:

POINT (-157.8615157 21.310646100000007)

Locations ID: 4801
Location Type: SB
Description:
Comment : Report Map
Centroid: POINT (-157.86151885431116 21.31085928452055)
Geometry:

POLYGON ((-157.86151167668683 21.31110951130464, -157.86175575770815 21.310987069973343, -157.8615224055178 21.310604752505121, -157.86128368892096 21.31073718938768, -157.86151167668683 21.31110951130464))

Details

Centroid: POINT (-157.8615157 21.310646100000007)
Updated On: 11/17/2021 5:32:18 PM
Coordinates: 21.310646100000007,-157.8615157

109	1 of 1	SE	0.26 / 1,372.15	3.28 / 0	Chen, The Family Trust 586 South St HONOLULU HI 96813
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FED BROWNFIELDS

Property ID: 241694
Property Name: Chen, The Family Trust
Address: 586 South St
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.30202709
Long Measure: -157.8600628
Primary Name (Map): CHEN, THE FAMILY TRUST
Location Address (Map): 586 SOUTH ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30202709
Longitude (Map): -157.8600628
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789543	BF RLF Gra:
EPA ID:		BF RLF Pil:
EPA Region:	09	BF Assess :
Cat No:	20060000	BF Cleanup:
RCRA Handl:		BF Tba Ind:
RCRA Curre:		BF 128a In:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Remed:					BF IC Code:	U
RCRA Const:					BF IC Gc I:	U
RCRA EI He:					BF IC Ep I:	U
RCRA EI Gm:					BF IC ID I:	U
RCRA Rem 1:					BF IC Pr I:	U
RCRA Ec Gw:					FF Brac In:	
RCRA Ec Ng:					BF RLF Ind:	
RCRA IC Ep:					BF Assess1:	Y
RCRA IC Gc:					BF Multipu:	
RCRA IC ID:					BF Awp Ind:	
RCRA IC Pr:					BF Showcas:	
FF RCRA In:					BF 128a P :	
RCRA Trans:					LUST Relea:	
RCRA Tra 1:					LUST Award:	
RCRA Ec Co:					LUST State:	
RCRA IC Co:					Congressio:	HI-01
RCRA Gpra :					FD Agency :	
RCRA Rem 2:					FD Listing:	
RCRA Dru 1:					FD Non NPL:	
SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		CHEN, THE FAMILY TRUST				
RCRA Drupa:						
Repow Ref :					https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:23263	
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241694.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30202709&featype=point&radius=1.0	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8600628%2C21.30202709&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8600628%2C21.30202709&featype=point&radius=1.0	
ERR Lat Lo:						
LUST ID:					UST Status:	
SAA Site:					UST Substa:	
UST Landus:					UST SPA Fa:	
UST Closed:					UST SPA Wa:	
UST Open:					UST WHPA F:	
SF Site Na:					UST WHPA W:	
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Chen, The Family Trust				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						
REPOW Re 1:					RE-Powering	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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REPOW Ref1: Site Profile
 REPOW SF: 23263

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30202709
Cleanup Drk Wat:		Longitude Measure:	-157.8600628
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-012		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Chen, The Family Trust		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:	Chen, The Family Trust		
Address:	586 South St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	968
Clnup Bldg Mats :					Low Income Pct:	23.33
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	312
Clnup Mercury :					Vacant Housing Pct:	11.68
Clnup Nickel :					Total Unemployed:	157
Clnup None :					Unemployed Pct:	3.78
Clnup of Structures:					Below Poverty:	367
Clnup oorair :					Below Poverty Pct:	8.84
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30202709
Cleanup Drk Wat:					Longitude Measure:	-157.8600628
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-012				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Chen, The Family Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:		Chen, The Family Trust				
Address:		586 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Exctrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	968
Clnup Bldg Mats :					Low Income Pct:	23.33
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	312
Clnup Mercury :					Vacant Housing Pct:	11.68
Clnup Nickel :					Total Unemployed:	157
Clnup None :					Unemployed Pct:	3.78
Clnup of Structures:					Below Poverty:	367
Clnup oorair :					Below Poverty Pct:	8.84
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Svocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbcs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voccs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30202709
Cleanup Drk Wat:					Longitude Measure:	-157.8600628
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-012				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Chen, The Family Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:		Chen, The Family Trust				
Address:		586 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	968
Clnup Bldg Mats :					Low Income Pct:	23.33
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	312
Clnup Mercury :					Vacant Housing Pct:	11.68
Clnup Nickel :					Total Unemployed:	157
Clnup None :					Unemployed Pct:	3.78
Clnup of Structurs:					Below Poverty:	367
Clnup oorair :					Below Poverty Pct:	8.84
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbcs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voccs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbcs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30202709
Cleanup Drk Wat:					Longitude Measure:	-157.8600628
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-012				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Chen, The Family Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:		Chen, The Family Trust				
Address:		586 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	968
Clnup Bldg Mats :					Low Income Pct:	23.33
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	312

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Mercury :					Vacant Housing Pct:	11.68
Clnup Nickel :					Total Unemployed:	157
Clnup None :					Unemployed Pct:	3.78
Clnup of Structures:					Below Poverty:	367
Clnup oorair :					Below Poverty Pct:	8.84
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30202709
Cleanup Drk Wat:					Longitude Measure:	-157.8600628
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-012				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Chen, The Family Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:		Chen, The Family Trust				
Address:		586 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	968
Clnup Bldg Mats :					Low Income Pct:	23.33
Clnup Cadmium :					Median Income:	9633
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	312
Clnup Mercury :					Vacant Housing Pct:	11.68
Clnup Nickel :					Total Unemployed:	157
Clnup None :					Unemployed Pct:	3.78
Clnup of Structures:					Below Poverty:	367
Clnup oorair :					Below Poverty Pct:	8.84
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

110	1 of 1	NE	0.26 / 1,391.72	16.33 / 13	Chevron USA, Inc. 1001 Bishop St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2433
Site Name (Public iHEER): Chevron USA, Inc.
Aliases (Public iHEER):
Street (Public iHEER): 1001 Bishop St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Unreviewed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Admin
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): FALSE
Updated on (Public iHEER): 9/21/2021 12:35:37 PM
Ms Access ID (Public iHEER): 149
Suppl Loc (Public iHEER): 1001 Bishop St
Tax Map Keys (Public iHEER): 121011001
iHEER ID (Non Public iHEER): 2433
Site Name (Non Public iHEER): Chevron USA, Inc.
Address (Non Public iHEER): 1001 Bishop St
City State Zip (Non Public): Honolulu HI 96813
Suppl Loc Text(Non Public): Pauahi Tower Suite 1000
iHEER ID (PORTAL):
Site Name (PORTAL):
Loc Desc (PORTAL):
Address (PORTAL):
County (PORTAL):
Island (PORTAL):
Status (PORTAL):
Priority (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Assigned Rpm (PORTAL):
Details URL (PORTAL):
Data Source(s): Public Sites in IHEER (11/22/2022); Non Public Sites in IHEER (01/13/2022)

Site Details

Centroid: POINT (-157.860849 21.308197999999997)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Updated On:		9/21/2021 12:35:37 PM				
Coordinates:		21.308197999999997,-157.860849				

111	1 of 1	SE	0.27 / 1,413.13	3.28 / 0	HCDA 599 Halekauwila St Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250306
Property Name: HCDA
Address: 599 Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.30191684
Long Measure: -157.8599656
Primary Name (Map): HCDA
Location Address (Map): 599 HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30191684
Longitude (Map): -157.8599656
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162722	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		HCDA				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250306.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30191684&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8599656%2C21.30191684&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8599656%2C21.30191684&featype=point&radius=1.0	

ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		HCDA				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb:	
Ownshp Changed :		Cleanup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc:	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Req:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcb:		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voc:		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Start Dt:	04/28/2019				Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflfp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30191684
Cleanup Drk Wat:					Longitude Measure:	-157.8599656
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-046				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		HCDA				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		599 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I Environmental Assessment
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Crmplt Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcbs :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevlCes :
Sflp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.30191684
Longitude Measure: -157.8599656

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Government
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT Pcbs :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
St Enrollment ID:						
Local Parcel No:		2-1-030-046				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:						
		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:						
		HCDA				
Property Size:						
		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:						
		599 Halekauwila St				
City:						
		Honolulu				
State Code:						
		HI				
Zip Code:						
		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30191684
Cleanup Drk Wat:		Longitude Measure:	-157.8599656
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-046		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	HCDCA		
Property Size:	0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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IC Data Address:
IC in Place Date:
Current Owner:
Address: 599 Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 6
GPA Type Desc: Acres Cleaned Up
Dt RLF Loan Signed:
Dt RLF Sbrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structures:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Other Forms of Doc:

Highlights:

Ctmnt Cleanedup:

Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30191684
Cleanup Drk Wat:		Longitude Measure:	-157.8599656
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-030-046		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	HCDCA		
Property Size:	0		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	599 Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Other Description:
 Other Desc Cleaned Up:
 Desc Hist:

Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Government				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30191684
Cleanup Drk Wat:					Longitude Measure:	-157.8599656
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-030-046				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		HCDA				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		599 Halekauwila St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

112	1 of 1	ESE	0.27 / 1,423.48	6.56 / 3	CBI, INC 614 SOUTH ST Honolulu HI 96813	LUST
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Facility ID: 9-102467
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latest Status:		Site Cleanup Completed (NFA)		Event ID:	910091	
Status Date:		6/1/1992		Project Officer:	Sheila Mackenzie	

113	1 of 2	N	0.27 / 1,428.75	3.28 / 0	PACIFIC ENVIRO CORP. DBA PENCO 65 N. NIMITZ HWY, PIER 14 HONOLULU HI 96817	PCB
Site ID:	HID984467530		Cert Title:			
Receive Date:			Cert Date:		9/29/1999 12:00:00 AM	
Generator:	No		Cert Name:			
Storer:	No		State Name:		HAWAII	
Transporter:	Yes		Region:		09	
Disposer:	No		GIS Data Origin:		Auto-Geocoded	
Research:	No		Latitude:		21.310623	
Smelter:	No		Longitude:		-157.864726	
Owner Name:	PACIFIC ENVIRO CORP. DBA PENCO					
Mail Address 1:	65 N. NIMITZ HWY, PIER 14					
Mail Address 2:						
Mail Street No:						
Mail City:	HONOLULU					
Mail State:	HI					
Mail Zip:	96817					
Mail Country:	US					
Contact Name:	TEAL K CROSS					
Contact Title:						
Contact Phone:	808-545-5195					
Contact Phone Ext:						
Contact Email:						

113	2 of 2	N	0.27 / 1,428.75	3.28 / 0	AMERICAN MARINE CORPORATION 65 N. NIMITZ HWY., PIER 14 HONOLULU HI 96817	PCB
Site ID:	HIR000069575		Cert Title:			
Receive Date:			Cert Date:		12/14/2001 12:00:00 AM	
Generator:	No		Cert Name:			
Storer:	No		State Name:		HAWAII	
Transporter:	Yes		Region:		09	
Disposer:	No		GIS Data Origin:		Auto-Geocoded	
Research:	No		Latitude:		21.310623	
Smelter:	No		Longitude:		-157.864726	
Owner Name:	SCOTT VUILLEMOT					
Mail Address 1:	65 N. NIMITZ HWY., PIER 14					
Mail Address 2:						
Mail Street No:						
Mail City:	HONOLULU					
Mail State:	HI					
Mail Zip:	96817					
Mail Country:	US					
Contact Name:	DAVID GRIFFITH					
Contact Title:						
Contact Phone:	808-545-5195					
Contact Phone Ext:						
Contact Email:						

114	1 of 2	SE	0.27 / 1,444.97	3.28 / 0	HART Kaakaukui Station (Civic Center) Halekauwila St x South St Honolulu HI 96814	SHWS
iHEER ID (Public iHEER):	2860					
Site Name (Public iHEER):	HART Kaakaukui Station (Civic Center)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Funded, HART Civic Center Station, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (H RTP)				
Street (Public iHEER):		Halekauwila St x South St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		9/20/2021 10:10:15 AM				
Updated on (Public iHEER):		Future rail station - 5,383-ft2 area within SE portion of TMK 1-2-1-031-030 currently Motor Imports/Service Pacific, and approx 20,585-ft2 area within N portion of TMK 1-2-1-030-053, currently Bishop Estate				
Ms Access ID (Public iHEER):		121030053, 121031030				
Suppl Loc (Public iHEER):		121030053, 121031030				
Tax Map Keys (Public iHEER):		2860				
iHEER ID (Non Public iHEER):		HART Kaakaukui Station (Civic Center)				
Site Name (Non Public iHEER):		Future rail station - 5,383-ft2 area within SE portion of TMK 1-2-1-031-030 currently Motor Imports/Service Pacific, and approx 20,585-ft2 area within N portion of TMK 1-2-1-030-053, currently Bishop Estate				
Address (Non Public iHEER):		Halekauwila St x South St				
City State Zip (Non Public):		Honolulu, HI 96814				
Suppl Loc Text(Non Public):		Honolulu, HI 96814				
iHEER ID (PORTAL):		Honolulu				
Site Name (PORTAL):		Oahu				
Loc Desc (PORTAL):		UNREVIEWED				
Address (PORTAL):		Unranked				
County (PORTAL):		HEER Office				
Island (PORTAL):		State				
Status (PORTAL):		Thomas Gilmore				
Priority (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2860/details/view				
Lead Agency (PORTAL):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
Program (PORTAL):						
Assigned Rpm (PORTAL):						
Details URL (PORTAL):						
Data Source(s):						
<u>iHEER System - Documents</u>						
Date :		May 27, 2022				
Document No:		184505				
Type:		Undetermined				
Title:		Acceptance of Comment Resolutions May 2021 Comments on Phase II				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 31, 2021				
Document No:		179294				
Type:		Comment Letter				
Title:		Backcheck of responses to Comments on Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 13, 2020				
Document No:		178191				
Type:		Undetermined				
Title:		CCS WP Rev 0 Cover Letter HEER-v1				
Imported From:						
<u>iHEER System - Documents</u>						

Date :
Document No: 196601
Type: Undetermined
Title: Civic Center Makai C-EHMP
Imported From:

iHEER System - Documents

Date :
Document No: 196598
Type: Undetermined
Title: Civic Center Makai C-EHMP Cover Letter_1
Imported From:

iHEER System - Documents

Date :
Document No: 196600
Type: Undetermined
Title: Civic Center Makai C-EHMP Cover Letter_2
Imported From:

iHEER System - Documents

Date :
Document No: 196599
Type: Undetermined
Title: Civic Center Makai C-EHMP Submission
Imported From:

iHEER System - Documents

Date :
Document No: 196605
Type: Undetermined
Title: Civic Center Makai RACR
Imported From:

iHEER System - Documents

Date :
Document No: 196603
Type: Undetermined
Title: Civic Center Makai RACR Cover Letter_1
Imported From:

iHEER System - Documents

Date :
Document No: 196604
Type: Undetermined
Title: Civic Center Makai RACR Cover Letter_2
Imported From:

iHEER System - Documents

Date : Dec 9, 2019
Document No: 172400
Type: Comment Letter
Title: Civic Center Station Phase II Work Plan Response to HDOH Comments

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Jan 14, 2021
Document No: 178410
Type: Comment Letter
Title: Comments on Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii Revision 0

Imported From:

iHEER System - Documents

Date : Mar 10, 2021
Document No: 179141
Type: Undetermined
Title: Cover letter for Responses to Comments on Work Plan and Investigation Results

Imported From:

iHEER System - Documents

Date : May 12, 2021
Document No: 179804
Type: Undetermined
Title: cover letter for REVISION 1 Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii

Imported From:

iHEER System - Documents

Date : Mar 3, 2020
Document No: 176324
Type: Phase II Environmental Site Assessment
Title: Coverletter, Rev 1 Phase II Work Plan

Imported From:

iHEER System - Documents

Date : Nov 12, 2020
Document No: 178190
Type: Undetermined
Title: Doc_Dist_Tbl_Prgm_TO03_CivicCenterMakai_SCR-RAWP_Rev0-v1

Imported From:

iHEER System - Documents

Date : May 12, 2021
Document No: 179805
Type: Removal Action Completion Work Plan
Title: FINAL, REVISION 1 Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii

Imported From:

iHEER System - Documents

Date : Nov 12, 2020
Document No: 178192
Type: Site Characterization Report
Title: HART_CivicCenter_SiteCharacterizationReport_Rev0_2020-11-12-v1

Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 9, 2021
Document No: 179525
Type: Undetermined
Title: HEER Coverletter for Responses to March 31, 2021 Comments
Imported From:

iHEER System - Documents

Date : Mar 16, 2022
Document No: 183497
Type: Comment Letter
Title: Phase II Civic Center Mauka Lot Commets
Imported From:

iHEER System - Documents

Date : Jun 14, 2021
Document No: 180039
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Site Assessment Report for the Civic Center Station Mauka Lot
Imported From:

iHEER System - Documents

Date : May 16, 2022
Document No: 184384
Type: Undetermined
Title: Response to Comments May 2022
Imported From:

iHEER System - Documents

Date : Mar 10, 2021
Document No: 179140
Type: Undetermined
Title: Responses to Comments on Work Plan and Investigation Results
Imported From:

iHEER System - Documents

Date : Apr 7, 2021
Document No: 179522
Type: Undetermined
Title: Responses to March 31, 2021 Backcheck Comments
Imported From:

iHEER System - Documents

Date : Jan 31, 2020
Document No: 173046
Type: Comment Letter
Title: Rev 2 Responses to HDOH Comments about Civic Center WP email dated February 4, 2020
Imported From:

iHEER System - Documents

Date : Mar 3, 2020
Document No: 176325

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Phase II Environmental Site Assessment				
Title:		Rev. 1, Phase II Environmental Site Assessment for the Civic Center Station, Honolulu, Oahu, Hawaii, Work Plan				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 20, 2021				
Document No:		179561				
Type:		Review Letter				
Title:		Review of Responses to Backcheck Comments on RTCs				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 22, 2019				
Document No:		172122				
Type:		Comment Letter				
Title:		Review of Work Plan for Phase II Environmental Site Assessment for the Civic Center Station, Honolulu, Oahu, Hawaii, Work Plan, Revision 0, dated October 16, 2019				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 19, 2019				
Document No:		172594				
Type:		Comment Letter				
Title:		Revised HART RTCs to HDOH Phase II WP				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2020				
Document No:		173091				
Type:		Comment Letter				
Title:		Revised Phase II ESA Fig 4 for RTCs				
Imported From:		received via Email Feb 12, 2020				
<u>iHEER System - Documents</u>						
Date :		May 16, 2022				
Document No:		184383				
Type:		Undetermined				
Title:		RTC Cover letter 5/13/2022				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 9, 2021				
Document No:		179524				
Type:		Undetermined				
Title:		SHWB Coverletter for Responses to March 31, 2021 Comments				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 16, 2019				
Document No:		171992				
Type:		Site Characterization Work Plan				
Title:		Work Plan , Phase II Environmental Site Investigation for Civic Center Station, Rev 0				
Imported From:		E-Permitting				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 3946
Location Type: SB
Description: Civic Center Station
Comment : Google Earth
Centroid: POINT (-157.85923615736479 21.30146130962477)
Geometry:

POLYGON ((-157.8600299135486 21.30168091614599, -157.85986361659675 21.301820857952443, -157.85967049754049 21.301920816304506, -157.85940227664054 21.302045764148751, -157.85915551341154 21.302130728621908, -157.85842595256432 21.301276083739964, -157.85893557227786 21.300971209216666, -157.85916624225146 21.30074130342048, -157.85922525084874 21.300731307507846, -157.85923061526418 21.300731307507846, -157.85924134410416 21.300711315681372, -157.8600299135486 21.30168091614599))

iHEER System - Locations Details

Locations ID: 3947
Location Type: SC
Description: Motor Imports Servco Site
Comment : Google Earth
Centroid: POINT (-157.85929 21.301575999999997)
Geometry:

POINT (-157.85929 21.301575999999997)

iHEER System - Locations Details

Locations ID: 3948
Location Type: SC
Description: Bishop Estates
Comment : Google earth
Centroid: POINT (-157.859574 21.301365999999991)
Geometry:

POINT (-157.859574 21.301365999999991)

Site Details

Centroid: POINT (-157.859574 21.301365999999991)
Updated On: 9/20/2021 10:10:15 AM
Coordinates: 21.301365999999991,-157.859574

Site Details

Centroid: POINT (-157.85929 21.301575999999997)
Updated On: 9/20/2021 10:10:15 AM
Coordinates: 21.301575999999997,-157.85929

iHEER System - Aliases

Name: Honolulu Rail Transit Project (HRTP)

iHEER System - Aliases

Name: HART Civic Center Station

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu High-Capacity Transit Corridor Project (HHCTCP)				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Funded				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				

114	2 of 2	SE	0.27 / 1,444.97	3.28 / 0	HART Kaakaukui Station (Civic Center) Halekauwila St x South St Honolulu HI 96814	BROWNFIELDS
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iHEER ID (Public iHEER): 2860
Island (Public iHEER): Oahu
Site Name (Public iHEER): HART Kaakaukui Station (Civic Center)
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, HART Civic Center Station, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (H RTP)
Street (Public iHEER): Halekauwila St x South St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96814
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Future rail station - 5,383-ft2 area within SE portion of TMK 1-2-1-031-030 currently Motor Imports/Servco Pacific, and approx 20,585-ft2 area within N portion of TMK 1-2-1-030-053, currently Bishop Estate State
Program (Public iHEER): Remedy Selected
Status Name (Public iHEER): HEER Office
Lead Agency (Public iHEER): 9/20/2021 10:10:15 AM
Updated on (Public iHEER): TRUE
Is Public (Public iHEER):
Ms Access ID (Public iHEER):
Tax Map Keys (Public iHEER): 121030053, 121031030
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2860
Island (PORTAL): Oahu
Site Name (PORTAL): HART Kaakaukui Station (Civic Center)
Address (PORTAL): Halekauwila St x South St
Honolulu, HI 96814
County (PORTAL): Honolulu
Loc Desc (PORTAL): Future rail station - 5,383-ft2 area within SE portion of TMK 1-2-1-031-030 currently Motor Imports/Servco Pacific, and approx 20,585-ft2 area within N portion of TMK 1-2-1-030-053, currently Bishop Estate State
Program (PORTAL): UNREVIEWED
Status (PORTAL): Unranked
Priority (PORTAL): HEER Office
Lead Agency (PORTAL): Thomas Gilmore
Assigned Rpm (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer#!/site/2860/details/view
Details URL (PORTAL): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)
Data Source:

iHEER System - Documents

Date : May 27, 2022
Type: Undetermined
Title: Acceptance of Comment Resolutions May 2021 Comments on Phase II
Document No: 184505
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 31, 2021
Type: Comment Letter
Title: Backcheck of responses to Comments on Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot
Document No: 179294
Imported From:

iHEER System - Documents

Date : Nov 13, 2020
Type: Undetermined
Title: CCS WP Rev 0 Cover Letter HEER-v1
Document No: 178191
Imported From:

iHEER System - Documents

Date :
Type: Undetermined
Title: Civic Center Makai C-EHMP
Document No: 196601
Imported From:

iHEER System - Documents

Date :
Type: Undetermined
Title: Civic Center Makai C-EHMP Cover Letter_1
Document No: 196598
Imported From:

iHEER System - Documents

Date :
Type: Undetermined
Title: Civic Center Makai C-EHMP Cover Letter_2
Document No: 196600
Imported From:

iHEER System - Documents

Date :
Type: Undetermined
Title: Civic Center Makai C-EHMP Submission
Document No: 196599
Imported From:

iHEER System - Documents

Date :
Type: Undetermined
Title: Civic Center Makai RACR
Document No: 196605
Imported From:

iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Civic Center Makai RACR Cover Letter_1				
Document No:		196603				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Undetermined				
Type:		Civic Center Makai RACR Cover Letter_2				
Document No:		196604				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 9, 2019				
Type:		Comment Letter				
Title:		Civic Center Station Phase II Work Plan Response to HDOH Comments				
Document No:		172400				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 14, 2021				
Type:		Comment Letter				
Title:		Comments on Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii Revision 0				
Document No:		178410				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 10, 2021				
Type:		Undetermined				
Title:		Cover letter for Responses to Comments on Work Plan and Investigation Results				
Document No:		179141				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 12, 2021				
Type:		Undetermined				
Title:		cover letter for REVISION 1 Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii				
Document No:		179804				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 3, 2020				
Type:		Phase II Environmental Site Assessment				
Title:		Coverletter, Rev 1 Phase II Work Plan				
Document No:		176324				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 12, 2020				
Type:		Undetermined				
Title:		Doc_Dist_Tbl_Prgm_TO03_CivicCenterMakai_SCR-RAWP_Rev0-v1				
Document No:		178190				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : May 12, 2021
Type: Removal Action Completion Work Plan
Title: FINAL, REVISION 1 Site Characterization Report and Remedial Action Work Plan for the Civic Center Station Makai Lot Honolulu, Oahu, Hawaii
Document No: 179805
Imported From:

iHEER System - Documents

Date : Nov 12, 2020
Type: Site Characterization Report
Title: HART_CivicCenter_SiteCharacterizationReport_Rev0_2020-11-12-v1
Document No: 178192
Imported From:

iHEER System - Documents

Date : Apr 9, 2021
Type: Undetermined
Title: HEER Coverletter for Responses to March 31, 2021 Comments
Document No: 179525
Imported From:

iHEER System - Documents

Date : Mar 16, 2022
Type: Comment Letter
Title: Phase II Civic Center Mauka Lot Commets
Document No: 183497
Imported From:

iHEER System - Documents

Date : Jun 14, 2021
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Site Assessment Report for the Civic Center Station Mauka Lot
Document No: 180039
Imported From:

iHEER System - Documents

Date : May 16, 2022
Type: Undetermined
Title: Response to Comments May 2022
Document No: 184384
Imported From:

iHEER System - Documents

Date : Mar 10, 2021
Type: Undetermined
Title: Responses to Comments on Work Plan and Investigation Results
Document No: 179140
Imported From:

iHEER System - Documents

Date : Apr 7, 2021
Type: Undetermined
Title: Responses to March 31, 2021 Backcheck Comments
Document No: 179522
Imported From:

iHEER System - Documents

Date : Jan 31, 2020
Type: Comment Letter
Title: Rev 2 Responses to HDOH Comments about Civic Center WP
Document No: 173046
Imported From: email dated February 4, 2020

iHEER System - Documents

Date : Mar 3, 2020
Type: Phase II Environmental Site Assessment
Title: Rev. 1, Phase II Environmental Site Assessment for the Civic Center Station, Honolulu, Oahu, Hawaii, Work Plan
Document No: 176325
Imported From:

iHEER System - Documents

Date : Apr 20, 2021
Type: Review Letter
Title: Review of Responses to Backcheck Comments on RTCs
Document No: 179561
Imported From:

iHEER System - Documents

Date : Nov 22, 2019
Type: Comment Letter
Title: Review of Work Plan for Phase II Environmental Site Assessment for the Civic Center Station, Honolulu, Oahu, Hawaii, Work Plan, Revision 0, dated October 16, 2019
Document No: 172122
Imported From:

iHEER System - Documents

Date : Dec 19, 2019
Type: Comment Letter
Title: Revised HART RTCs to HDOH Phase II WP
Document No: 172594
Imported From:

iHEER System - Documents

Date : Feb 1, 2020
Type: Comment Letter
Title: Revised Phase II ESA Fig 4 for RTCs
Document No: 173091
Imported From: received via Email Feb 12, 2020

iHEER System - Documents

Date : May 16, 2022
Type: Undetermined
Title: RTC Cover letter 5/13/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 184383
 Imported From:

iHEER System - Documents

Date : Apr 9, 2021
 Type: Undetermined
 Title: SHWB Coverletter for Responses to March 31, 2021 Comments
 Document No: 179524
 Imported From:

iHEER System - Documents

Date : Oct 16, 2019
 Type: Site Characterization Work Plan
 Title: Work Plan , Phase II Environmental Site Investigation for Civic Center Station, Rev 0
 Document No: 171992
 Imported From: E-Permitting

Locations Details

Locations ID: 3946
 Location Type: SB
 Description: Civic Center Station
 Comment : Google Earth
 Centroid: POINT (-157.85923615736479 21.30146130962477)
 Geometry:

POLYGON ((-157.8600299135486 21.30168091614599, -157.85986361659675 21.301820857952443, -157.85967049754049 21.301920816304506, -157.85940227664054 21.302045764148751, -157.85915551341154 21.302130728621908, -157.85842595256432 21.301276083739964, -157.85893557227786 21.300971209216666, -157.85916624225146 21.30074130342048, -157.85922525084874 21.300731307507846, -157.85923061526418 21.300731307507846, -157.85924134410416 21.300711315681372, -157.8600299135486 21.30168091614599))

Locations ID: 3947
 Location Type: SC
 Description: Motor Imports Servco Site
 Comment : Google Earth
 Centroid: POINT (-157.85929 21.301575999999997)
 Geometry:

POINT (-157.85929 21.301575999999997)

Locations ID: 3948
 Location Type: SC
 Description: Bishop Estates
 Comment : Google earth
 Centroid: POINT (-157.859574 21.301365999999991)
 Geometry:

POINT (-157.859574 21.301365999999991)

Details

Centroid: POINT (-157.859574 21.301365999999991)
 Updated On: 9/20/2021 10:10:15 AM
 Coordinates: 21.301365999999991,-157.859574

Details

Centroid: POINT (-157.85929 21.301575999999997)
 Updated On: 9/20/2021 10:10:15 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coordinates:		21.30157599999997,-157.85929				

[115](#) 1 of1 SE 0.28 / 1,488.17 3.28 / 0 AMELCO BUILDING (SERVICE STATION) 603 HALEKAUWILA ST Honolulu HI 96813 LUST

Facility ID: 9-101356
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 930106
Status Date: 6/20/1997 **Project Officer:** Eric Sadoyama

[116](#) 1 of1 ESE 0.29 / 1,507.35 6.09 / 3 Servco Pacific, Inc. 607 South St HONOLULU HI 96813 FED BROWNFIELDS

Property ID: 241695
Property Name: Servco Pacific, Inc.
Address: 607 South St
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.30133146
Long Measure: -157.859161
Primary Name (Map): SERVCO PACIFIC, INC.
Location Address (Map): 607 SOUTH ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30133146
Longitude (Map): -157.859161
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I: 110070789544	BF RLF Gra:
EPA ID:	BF RLF Pil:
EPA Region: 09	BF Assess :
Cat No: 20060000	BF Cleanup:
RCRA Handl:	BF Tba Ind:
RCRA Curre:	BF 128a In:
RCRA Remed:	BF IC Code: Y
RCRA Const:	BF IC Gc I: Y
RCRA EI He:	BF IC Ep I: Y
RCRA EI Gm:	BF IC ID I: U
RCRA Rem 1:	BF IC Pr I: U
RCRA Ec Gw:	FF Brac In:
RCRA Ec Ng:	BF RLF Ind:
RCRA IC Ep:	BF Assess1: Y
RCRA IC Gc:	BF Multipu:
RCRA IC ID:	BF Awp Ind:
RCRA IC Pr:	BF Showcas:
FF RCRA In:	BF 128a P :
RCRA Trans:	LUST Relea:
RCRA Tra 1:	LUST Award:
RCRA Ec Co:	LUST State:
RCRA IC Co:	Congressio: HI-01
RCRA Gpra :	FD Agency :
RCRA Rem 2:	FD Listing:
RCRA Dru 1:	FD Non NPL:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		SERVCO PACIFIC, INC.				
RCRA Drupa:						
Repow Ref :					https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:29828	
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%222241695.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30133146&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.859161%2C21.30133146&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.859161%2C21.30133146&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Servco Pacific, Inc.				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						
REPOW Re 1:					RE-Powering Site Profile	
REPOW Ref1:		29828				
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb's :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc's :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	Y
ASMT Oth Cont:					Flag IC Required:	Y
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :	Y				Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	Y
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	Y
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30133146
Cleanup Drk Wat:					Longitude Measure:	-157.859161
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-031-030				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		.12				
IC Data Address:						
IC in Place Date:						
Current Owner:		Servco Pacific, Inc.				
Address:		607 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	N
GPA Type Desc:	Cleanup Activity				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :	Y				Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	984
Clnup Bldg Mats :					Low Income Pct:	22.73
Clnup Cadmium :					Median Income:	7950
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	327
Clnup Mercury :					Vacant Housing Pct:	11.77
Clnup Nickel :					Total Unemployed:	163
Clnup None :					Unemployed Pct:	3.77
Clnup of Structurs:					Below Poverty:	371
Clnup oorair :					Below Poverty Pct:	8.57
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		No Contaminants				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Soil
Other Media

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :	Y				Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	Y
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	Y
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30133146
Cleanup Drk Wat:					Longitude Measure:	-157.859161
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-031-030				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		.12				
IC Data Address:						
IC in Place Date:						
Current Owner:		Servco Pacific, Inc.				
Address:		607 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	N
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :	Y				Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	984
Clnup Bldg Mats :					Low Income Pct:	22.73
Clnup Cadmium :					Median Income:	7950
Clnup Chromium :					Multipurpose:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	327
Clnup Mercury :					Vacant Housing Pct:	11.77
Clnup Nickel :					Total Unemployed:	163
Clnup None :					Unemployed Pct:	3.77
Clnup of Structurs:					Below Poverty:	371
Clnup oorair :					Below Poverty Pct:	8.57
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		No Contaminants				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Soil
Other Media

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	Y
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	Y
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30133146
Cleanup Drk Wat:					Longitude Measure:	-157.859161
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-031-030				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		.12				
IC Data Address:						
IC in Place Date:						
Current Owner:		Servco Pacific, Inc.				
Address:		607 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	N
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :	Y				Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	984
Clnup Bldg Mats :					Low Income Pct:	22.73
Clnup Cadmium :					Median Income:	7950
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	327
Clnup Mercury :					Vacant Housing Pct:	11.77
Clnup Nickel :					Total Unemployed:	163
Clnup None :					Unemployed Pct:	3.77

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup of Structurs:					Below Poverty:	371
Clnup oorair :					Below Poverty Pct:	8.57
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:		No Contaminants				
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Soil
Other Media

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/01/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30133146
Cleanup Drk Wat:					Longitude Measure:	-157.859161
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-031-030				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Servco Pacific, Inc.				
Property Size:		.12				
IC Data Address:						
IC in Place Date:						
Current Owner:		Servco Pacific, Inc.				
Address:		607 South St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	N
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	Y
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	N
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY20
Assess None :	Y				Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	984
Clnup Bldg Mats :					Low Income Pct:	22.73
Clnup Cadmium :					Median Income:	7950
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	327
Clnup Mercury :					Vacant Housing Pct:	11.77
Clnup Nickel :					Total Unemployed:	163
Clnup None :					Unemployed Pct:	3.77
Clnup of Structures:					Below Poverty:	371
Clnup oorair :					Below Poverty Pct:	8.57
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found: No Contaminants
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Soil
Other Media

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :	Y	Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	Y
ASMT Oth Cont:		Flag IC Required:	Y
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	Y
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	Y
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30133146
Cleanup Drk Wat:		Longitude Measure:	-157.859161
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-031-030		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Assess Fnd Ent Nm:
 Assess Fund Entity:
 Cleanup Funding EntityNm:
 Cleanup Fund Entity:
 Grant Recipient Name: Honolulu Authority for Rapid Transportation
 Redev Funding Entity Name:
 Property Name: Servco Pacific, Inc.
 Property Size: .12
 IC Data Address:
 IC in Place Date:
 Current Owner: Servco Pacific, Inc.
 Address: 607 South St
 City: HONOLULU
 State Code: HI
 Zip Code: 96813
 Horizontal Collection Method:
 Horizontal Reference Datum:
 Reference Point:
 Other Description:
 Other Desc Cleaned Up:
 Desc Hist:

Coop Agreement No: 99T63501
 GPA Type ID: 6
 GPA Type Desc: Acres Cleaned Up
 Dt RLF Loan Signed:
 Dt RLF Sbrgrnt Sgnd:
 Accmplisht Cnt Flg:
 Awp Catalyst Yn:
 Assess ArsenIC :
 Assess Bldg Mats :
 Assess Cadmium :
 Assess Chromium :
 Assess Copper :
 Assess Iron :
 Assess Mercury :
 Assess Nickel :
 Assess None : Y
 Assess oorair :
 Assess Pesticides :
 Assess Selenium :
 Assess Svocs :
 Assess Unknown :
 Clnup Actvy Funded:
 Clnup ArsenIC :
 Clnup Bldg Mats :
 Clnup Cadmium :
 Clnup Chromium :
 Clnup Copper :
 Clnup Cst Shr Amt:
 Clnup Doc: N
 Clnup Iron :
 Clnup Mercury :
 Clnup Nickel :
 Clnup None :
 Clnup of Structurs:
 Clnup oorair :
 Clnup Pesticides :
 Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:

Env EC in Place:
 Env EC Required: N
 Env IC in Place: Y
 Flg Clnup Trmt Tec:
 Flag EC Cover Tech:
 Flag EC Eng Barrier:
 Flag EC Immblytn:
 Flag EC in Place:
 Flag EC Other:
 Flag EC Required: N
 Flag EC Security:
 Flg Prop Not Enrld: N
 Excavation Disposl:
 Extrctn of Cntmnts:
 FCA Fy:
 Ftr Multistry Acre:
 RFR Notation:
 RLF Ln Cst Shr Amt:
 RLF Loan Amount:
 RLF Subgrant Amt:
 Sect 128 A St Trbl:
 Interest Rate:
 Low Income: 984
 Low Income Pct: 22.73
 Median Income: 7950
 Multipurpose:
 Past Mltistry Acre:
 Pro Code: BF
 Pro Income Amt:
 Vacant Housing: 327
 Vacant Housing Pct: 11.77
 Total Unemployed: 163
 Unemployed Pct: 3.77
 Below Poverty: 371
 Below Poverty Pct: 8.57
 Radius: .5
 Actvy Funded:
 Cost Share Amt:
 Rdctn of Cntmnts:
 Removal of Mats:
 Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found: No Contaminants
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Soil
Other Media

Ctmnt Rec:

117	1 of 1	ESE	0.29 / 1,513.45	6.04 / 3	MOTOR IMPORTS SERVICE 609 SOUTH ST Honolulu HI 96813	LUST
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Facility ID: 9-100879
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	970114
Status Date:	10/20/2005	Project Officer:	Richard Takaba

118	1 of 1	SSW	0.29 / 1,526.39	3.28 / 0	PACIFIC ENVIRONMENTAL CORPORATION DBA PENCO HONOLULU HI	PFAS IND
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Status:	Active	Fac Fips Code:	15003
Fac Indian Cntry Flg:	N	Compliance Status:	No Violation Identified
Fac Derived Huc:	20060000	EPA Programs:	RCRA
Fac Derived Wbd:	200600000304	Federal Facility:	No
Fac Derived Cd113:	01	Federal Agency:	-
Fac Derived Cb2010:	150030039001012	Fac Snc Flg:	N
Fac Informal Count:	0	AIR Flag:	N
Last Informal Action:	11/30/2012	NPDES Flag:	N
Formal Action Count:	0	SDWIS Flag:	N
Last Formal Action:	11/14/2013	RCRAFlag:	Y
Fac Total Penalties:	0	TRI Flag:	N
Fac Penalty Count:	-	GHG Flag:	N
Date Last Penalty:	11/14/2013	TRI IDs:	-
Last Penalty Amt:	2000	TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	0	TRI on Site Releases:	-
Programs With Snc:	0	TRI off Site Trnsfrs:	-
Fac Percent Minority:	85.362	TRI Reporter:	-
Fac Pop Den:	13213.84	Fac Imp Water Flg:	-
Count:	1	Fac Major Flag:	-
Fac County:	HONOLULU	Fac Active Flag:	Y
State Other :		Fac Inspection Count:	0
Region:	09	Date Last Inspection:	9/27/2012
Latitude:	21.299373	Days Last Inspection:	3929
Longitude:	-157.865843		
Fac Derived Tribes:	-		
AIR IDs:	-		
CAA Permit Types:	-		
CAA NAICS:	-		
CAA SICS:	-		
NPDES IDs:	-		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
CWA Permit Types:		-				
CWA NAICS:		-				
CWA SICS:		-				
RCRA IDs:		HIT000141432				
RCRA Permit Types:		Other				
RCRA NAICS:		562112				
SDWA IDs:		-				
SDWA System Types:		-				
SDWA Compliance Status:		-				
SDWA Snc Flag:		N				
Fac Collection Meth:		GDT-ADDRESS MATCHING (GEOCODING)				
EJSCREEN Flag Us:		Y				
EJSCREEN Report:		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.865843,%22y%22:21.299373,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
ECHO Facility Report:		https://echo.epa.gov/detailed-facility-report?fid=110055057227				
Industry:		Waste Management				

119	1 of 1	ESE	0.29 / 1,531.81	6.56 / 3	C&H KAKAAKO FIRE DEPT MECHANIC SHOP 620 SOUTH ST Honolulu HI 96813	LUST
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Facility ID: 9-100074
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	990209
Status Date:	12/27/2011	Project Officer:	Josh Nagashima

120	1 of 1	ESE	0.30 / 1,585.54	6.56 / 3	K & Y Chevron 91524 571 S QUEEN ST Honolulu HI 96813	LUST
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Facility ID: 9-101107
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	020041
Status Date:	7/9/2003	Project Officer:	Richard Takaba

121	1 of 1	SE	0.31 / 1,663.17	3.28 / 0	TIRE RECAP SERVICE 526 KEAWE ST Honolulu HI 96813	LUST
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Facility ID: 9-102758
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	930108
Status Date:	6/20/1997	Project Officer:	Eric Sadoyama

122	1 of 1	ESE	0.32 / 1,665.80	6.77 / 3	C&H KAKAAKO FIRE STATION 555 QUEEN ST Honolulu HI 96813	LUST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID: 9-100075
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 940155
Status Date: 5/17/1999 **Project Officer:** Renato Maniulit

123	1 of 1	SE	0.33 / 1,720.62	3.28 / 0	INTERNATIONAL LIFE SUPPORT 633 HALEKAUWILA ST Honolulu HI 96813	LUST
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Facility ID: 9-102759
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 930109
Status Date: 6/20/1997 **Project Officer:** Eric Sadoyama

124	1 of 1	N	0.33 / 1,731.98	3.28 / 0	C&CH WATERFRONT FIRE STATION 111 N NIMITZ HWY Honolulu HI 96817	LUST
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Facility ID: 9-100097
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 910027
Status Date: 2/7/1995 **Project Officer:** Eric Sadoyama

125	1 of 2	E	0.33 / 1,734.29	9.84 / 7	HONOLULU HI	ERNS PFAS
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SEQNOS: 1037012 **Distance from City:**
Year: 2013 **Directn from City:**
Date: 1/29/2013 **Unit Distance:**
DTG: Discovered **Spatial Derivation:** Geocoded
Incident Type: Vessel **County:** HONOLULU
Geocode Addr Type: Locality **Latitude:** 21.30493
State Other : - **Longitude:** -157.85788
Cause: Operator Error
Responsible Company: USCGC- SPAR
Responsible Org Type: MILITARY
Location: COAST GUARD BASE- SAND HARBOR
Incident Description: THE CALLER REPORTED THAT DILUTED AQUEOUS FILM FORMING FOAM (A-FFF) RELEASED FROM THE FIRE MAIN. WHILE RUNNING DAMAGE CONTROL DRILL A CREW MEMBER ACCIDENTLY ACTIVATED THE A-FFF PANEL ONBOARD THE SHIP. THE AMOUNT RELEASED IS UNKNOWN POSSIBLY 20 GALLONS INTO THE WATER.

Details

Material Involved: AQUEOUS FILM FORMING FOAM (3% FOAM- 97% WATER)
Amount of Material: 20
Unit: Gallon(s)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Water Reached:		Yes				
Amount in Water:		20				
Unit Reached Water:		Gallon(s)				

[125](#) 2 of 2 **E** **0.33 / 1,734.29** **9.84 / 7** **HONOLULU HI** **ERNS PFAS**

SEQNOS: 1376517 **Distance from City:**
Year: 2023 **Directn from City:**
Date: 8/17/2023 **Unit Distance:**
DTG: Occurred **Spatial Derivation:** Geocoded
Incident Type: Mobile **County:** HONOLULU
Geocode Addr Type: Locality **Latitude:** 21.30493000000007
State Other : - **Longitude:** -157.85788
Cause: Operator Error
Responsible Company: NADFAC HAWAII
Responsible Org Type: FEDERAL GOVERNMENT
Location: JOINT BASE PEARL HARBOR; 23 ROW; HICKUM FIELD
Incident Description: A MIXTURE OF AQUEOUS FILM FORMING FOAM (AFFF) AND WATER RELEASED FROM A FIRE TRUCK DUE TO OPERATOR ERROR DURING A TRAINING EXERCISE.

Details

Material Involved: NO CHRIS CODE - AQUEOUS FILM FORMING FOAM (MIXED WITH WATER)
Amount of Material: 25
Unit: Gallon(s)
Water Reached: No
Amount in Water:
Unit Reached Water:

[126](#) 1 of 1 **ESE** **0.33 / 1,748.60** **9.84 / 7** **MILL NO. 1** **FUDS**

KAKAAKO HI

FUDS Property No: H09HI0233
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=55752>
FUDS INST ID: HI99799F396800
Status: Properties without projects
SDS ID:
NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: FED: FEDERAL BISHOP ESTATE, STATE OF HAWAII, US GOVERNMENT ; PRIV: PRIVATE BISHOP ESTATE, STATE OF HAWAII, US GOVERNMENT ; STATE: STATE BISHOP ESTATE, STATE OF HAWAII, US GOVERNMENT
Has Project: No
DOD FUDS Pro: H09HI0233
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.30333333
Longitude: -157.85833333
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Shape Area:
Shape Len:
X: -157.858276367
Y: 21.3034057620001
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Property History:

Feature Description:

THE SITE WAS USED AS FORMER TIMBER CUTTING MILLS. MILL NO1 WAS FORMERLY DESIGNATED AS MILL NO. 21, AND MILL NO. 1 WAS DESIGNATED AS MILL NO.1-ANNEX. MILL NO.1-ANNEX WAS DISSOLVED ON SEPT. 15, 1945 AND ITS EQUIPMENT AND PERSONNEL WERE ABSORBED BY MILL NO. 1. BETWEEN 1957 AND 1968, THE PROJECT SITE WAS TRANSFERRED FROM PRIVATE OWNERS TO THE STATE OF HAWAII. IN 1969, THE PROJECT SITE WAS INCORPORATED INTO THE ADJACENT AREA OWNED BY THE UNITED STATES OF AMERICA.

127	1 of 3	N	0.33 / 1,754.88	13.04 / 10	Yee Hop Building Maunakea Street 950 Maunakea St Honolulu HI 96817	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Mark Sutterfield
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc Zip Suffix:	
Priority:	Low	Latitude:	21.311701
Engineer Control:		Longitude:	-157.863926
Institutional Control:			
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Yee Hop Building Maunakea Street		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Diesel in soil.		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:			
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.311674
Longitude:	-157.864042
Comments:	
Contact Information:	
Coordinate for Mapping:	Yes
Latitude:	21.311701
Longitude:	-157.863926
Comments:	ARC_STREET: 950 Maunakea St XTRA_ADD: PrimaryTemp
Contact Information:	

TMK Information

TMK:	117002024
Acres from TMK:	117002024
Description of Portion:	TMK located by using ArcGIS with oahmtkwithowner basemap (load date 12/23/05). Coordinates plotted in

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Maunakea Street. TMK address matched database address for site.

Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	1507	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	994	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organtzns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	950 Maunakea St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	1928	Incident ID:	
Location Type:	SC	Description:	
Comment:			EPO; PrimaryTemp ; ARC_STREET: 950 Maunakea St XTRA_ADD: PrimaryTemp ;
Geometry:			POINT (-157.864 21.3117)
Centroid:			POINT (-157.864 21.3117)

127	2 of 3	N	0.33 / 1,754.88	13.04 / 10	Yee Hop Building Maunakea Street 950 Maunakea St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER):	1507
Site Name (Public iHEER):	Yee Hop Building Maunakea Street
Aliases (Public iHEER):	Brownfields Low Priority Site
Street (Public iHEER):	950 Maunakea St
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96817
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Remedy Selected
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	9/8/2020 2:15:52 PM
Ms Access ID (Public iHEER):	994
Suppl Loc (Public iHEER):	950 Maunakea St
Tax Map Keys (Public iHEER):	117002024
iHEER ID (Non Public iHEER):	
Site Name (Non Public iHEER):	
Address (Non Public iHEER):	
City State Zip (Non Public):	
Suppl Loc Text(Non Public):	
iHEER ID (PORTAL):	1507
Site Name (PORTAL):	Yee Hop Building Maunakea Street
Loc Desc (PORTAL):	950 Maunakea St
Address (PORTAL):	950 Maunakea St Honolulu, HI 96817
County (PORTAL):	Honolulu
Island (PORTAL):	Oahu
Status (PORTAL):	REMEDY SELECTED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1507/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 20, 2004
Document No: 17464
Type: Undetermined
Title: Letter requesting a monitoring well for Yee Hop Building at 950 Maunakea St
Imported From: 2004-437#Q:\2004 Final Correspondence (Day File)\04-437-MS.PDF

iHEER System - Documents

Date : Oct 12, 2004
Document No: 54945
Type: Undetermined
Title: Maunakea St UST Closure 950 Maunakea St, Honolulu HI
Imported From: 2088#\Heersharepoint1\facilitiesite%20documents\2088.pdf

iHEER System - Documents

Date : Oct 2, 2004
Document No: 54944
Type: Undetermined
Title: Maunakea St UST Project 950 Maunakea St, Honolulu HI
Imported From: 40223#\Heersharepoint1\facilitiesite%20documents\40223.pdf

iHEER System - Locations Details

Locations ID: 1928
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; ARC_STREET: 950 Maunakea St XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.864 21.3117)
Geometry:
 POINT (-157.864 21.3117)

iHEER System - Locations Details

Locations ID: 6872
Location Type: SB
Description: APPROX boundary
Comment : Placed by RPM
Centroid: POINT (-157.8640101898331 21.311699197813287)
Geometry:
 POLYGON ((-157.86407644294658 21.31169375302165, -157.86397720121522 21.31175372401033, -157.86394501470434 21.311701249396368, -157.86404425644471 21.311646275971519, -157.86404425644471 21.311646275971519, -157.86407644294658 21.31169375302165))

Site Details

Centroid: POINT (-157.864 21.3117)
Updated On: 9/8/2020 2:15:52 PM
Coordinates: 21.3117,-157.864

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Brownfields Low Priority Site

127	3 of 3	N	0.33 / 1,754.88	13.04 / 10	Yee Hop Building Maunakea Street 950 Maunakea St Honolulu HI 96817	BROWNFIELDS
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iHEER ID (Public iHEER): 1507
Island (Public iHEER): Oahu
Site Name (Public iHEER): Yee Hop Building Maunakea Street
Aliases (Public iHEER): Brownfields Low Priority Site
Street (Public iHEER): 950 Maunakea St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96817
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 950 Maunakea St
Program (Public iHEER): State
Status Name (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 9/8/2020 2:15:52 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 994
Tax Map Keys (Public iHEER): 117002024
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 1507
Island (PORTAL): Oahu
Site Name (PORTAL): Yee Hop Building Maunakea Street
Address (PORTAL): 950 Maunakea St
Honolulu, HI 96817
County (PORTAL): Honolulu
Loc Desc (PORTAL): 950 Maunakea St
Program (PORTAL): State
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/1507/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Oct 20, 2004
Type: Undetermined
Title: Letter requesting a monitoring well for Yee Hop Building at 950 Maunakea St
Document No: 17464
Imported From: 2004-437#Q:\2004 Final Correspondence (Day File)\04-437-MS.PDF

iHEER System - Documents

Date : Oct 12, 2004
Type: Undetermined
Title: Maunakea St UST Closure 950 Maunakea St, Honolulu HI
Document No: 54945
Imported From: 2088#\Heersharepoint1\facilitysite%20documents\2088.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Oct 2, 2004				
Type:		Undetermined				
Title:		Maunakea St UST Project 950 Maunakea St, Honolulu HI				
Document No:		54944				
Imported From:		40223#\Heersharepoint1\facilitiesite%20documents\40223.pdf				
<u>Locations Details</u>						
Locations ID:		1928				
Location Type:		SC				
Description:						
Comment :		EPO; PrimaryTemp ; ARC_STREET: 950 Maunakea St XTRA_ADD: PrimaryTemp ;				
Centroid:		POINT (-157.864 21.3117)				
Geometry:		POINT (-157.864 21.3117)				
Locations ID:		6872				
Location Type:		SB				
Description:		APPROX boundary				
Comment :		Placed by RPM				
Centroid:		POINT (-157.8640101898331 21.311699197813287)				
Geometry:		POLYGON ((-157.86407644294658 21.31169375302165, -157.86397720121522 21.31175372401033, -157.86394501470434 21.311701249396368, -157.86404425644471 21.311646275971519, -157.86404425644471 21.311646275971519, -157.86407644294658 21.31169375302165))				
<u>Details</u>						
Centroid:		POINT (-157.864 21.3117)				
Updated On:		9/8/2020 2:15:52 PM				
Coordinates:		21.3117,-157.864				

128	1 of 3	SSE	0.33 / 1,755.90	3.28 / 0	604 Ala Moana Boulevard/The Collections 604 Ala Moana Blvd Honolulu HI 96814	SHWS
iHEER ID (Public iHEER):		1514				
Site Name (Public iHEER):		604 Ala Moana Boulevard/The Collections				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, 604 Ala Moana Boulevard, Brownfields Medium Priority Site				
Street (Public iHEER):		604 Ala Moana Blvd				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		2436				
Suppl Loc (Public iHEER):		604 Ala Moana Blvd				
Tax Map Keys (Public iHEER):		121055004, 121055009, 121055017				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1514				
Site Name (PORTAL):		604 Ala Moana Boulevard/The Collections				
Loc Desc (PORTAL):		604 Ala Moana Blvd				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (PORTAL):		604 Ala Moana Blvd Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1514/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 30, 2014
Document No: 152438
Type: Environmental Hazard Management Plan
Title: EHE and EHMP, 604 Ala Moana Blvd, Honolulu HI
Imported From: 110921.pdf

iHEER System - Documents

Date : Jul 30, 2014
Document No: 152440
Type: Environmental Hazard Management Plan
Title: EHE and EHMP, 604 Ala Moana Blvd, Honolulu HI Draft
Imported From: 110559.pdf

iHEER System - Documents

Date : Jul 30, 2014
Document No: 152442
Type: Phase II Environmental Site Assessment
Title: Limited Phase II ESA, 604 Ala Moana Blvd, Honolulu HI
Imported From: 110561.pdf

iHEER System - Documents

Date : Oct 2, 2014
Document No: 152441
Type: Undetermined
Title: Notice to Proceed and EHMP Approval for "The Collection LLC"
Imported From: 110954.pdf

iHEER System - Documents

Date : Jul 30, 2014
Document No: 152443
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, 604 Ala Moana Blvd, Honolulu HI
Imported From: 110560.pdf

iHEER System - Documents

Date : Aug 11, 2014
Document No: 152439
Type: Undetermined
Title: Request for NFA the Collection Property (Former CompUSA). 604 Ala Moana Blvd, Honolulu HI
Imported From: 110558.pdf

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 3048
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.862245 21.299238000000013)
Geometry:

POINT (-157.862245 21.299238000000013)

iHEER System - Locations Details

Locations ID: 10660
Location Type: EHMP
Description: EHMP
Comment :
Centroid: POINT (-157.86230769229286 21.299140326061096)
Geometry:

POLYGON ((-157.86231215737877 21.299903209098719, -157.86151822350985 21.299018563178077, -157.86239530585468 21.298373817880403, -157.86288883231276 21.299028559206381, -157.86292101882364 21.299071042321351, -157.86292638323914 21.299108527413289, -157.86293979428683 21.299188495575855, -157.86293979428683 21.299270962698419, -157.86293979428683 21.299325940754148, -157.86292370103138 21.299383417790896, -157.86291297219145 21.299433397804005, -157.86287273905734 21.299475880801957, -157.86231215737877 21.299903209098719))

Site Details

Centroid: POINT (-157.862245 21.299238000000013)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299238000000013,-157.862245

iHEER System - Aliases

Name: 604 Ala Moana Boulevard

iHEER System - Aliases

Name: Brownfields Medium Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

128	2 of 3	SSE	0.33 / 1,755.90	3.28 / 0	604 Ala Moana Boulevard/The Collections 604 Ala Moana Blvd Honolulu HI 96814	INST
HID No:				Lead Agency: HEER		
Fac Registry ID:				Project Manager: Melody Calisay		
Assessment:		Response Necessary		Document Date:		
Response:		Response Ongoing		Document No:		
Resp Act Complete:				Island: Oahu		
Potential Haz/Ctrls:		Hazard Managed With Controls		Loc State USPS Cd: HI		
Date Issued:		10/2/2014 2:39:46 AM		Loc Zip Suffix:		
Priority:		Medium		Latitude:		
Engineer Control:				Longitude:		
Institutional Control:		Government - Hawaii Dept. of Health Letter Issued				
Supplemental Location:		The Collection LLC				
Within Design. Area Contam.:						
SDAR Enviro Interest Name:		604 Ala Moana Boulevard/The Collections				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination:
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121055017
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121055009
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121055004
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID: 1514	Is Public: true
Island ID: 8	Documents:
PK Sitelist ID: 2436	Lead Agency: HEER Office
Status: Unreviewed	Program: State
Status Comment:	Priority: Unranked
Status History:	Affiliate Organztns:
Historical Records: false	Name Chnge Hstry:
Report Approved: false	Cost Recovery Code:
Comtamintion Above: false	Location Desc: 604 Ala Moana Blvd
COPC Action Reqd: false	State: HI
Contamination Risk: false	County Name: Honolulu
Is Removal Action: false	Island Name: Oahu
Controls Required: false	Island County Code: OA
Is Loc Issued: false	Assigned Rpm: melody.calisay@doh.hawaii.gov
Program History:	

128	3 of 3	SSE	0.33 / 1,755.90	3.28 / 0	604 Ala Moana Boulevard/The Collections 604 Ala Moana Blvd Honolulu HI 96814	BROWNFIELDS
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iHEER ID (Public iHEER): 1514

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Site Name (Public iHEER):		604 Ala Moana Boulevard/The Collections				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, 604 Ala Moana Boulevard, Brownfields Medium Priority Site				
Street (Public iHEER):		604 Ala Moana Blvd				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip Code (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Suppl Loc (Public iHEER):		604 Ala Moana Blvd				
Program (Public iHEER):		State				
Status Name (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Is Public (Public iHEER):		TRUE				
Ms Access ID (Public iHEER):		2436				
Tax Map Keys (Public iHEER):		121055004, 121055009, 121055017				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):		1514				
Island (PORTAL):		Oahu				
Site Name (PORTAL):		604 Ala Moana Boulevard/The Collections				
Address (PORTAL):		604 Ala Moana Blvd Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Loc Desc (PORTAL):		604 Ala Moana Blvd				
Program (PORTAL):		State				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1514/details/view				
Data Source:		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 30, 2014
Type: Environmental Hazard Management Plan
Title: EHE and EHMP, 604 Ala Moana Blvd, Honolulu HI
Document No: 152438
Imported From: 110921.pdf

iHEER System - Documents

Date : Jul 30, 2014
Type: Environmental Hazard Management Plan
Title: EHE and EHMP, 604 Ala Moana Blvd, Honolulu HI Draft
Document No: 152440
Imported From: 110559.pdf

iHEER System - Documents

Date : Jul 30, 2014
Type: Phase II Environmental Site Assessment
Title: Limited Phase II ESA, 604 Ala Moana Blvd, Honolulu HI
Document No: 152442
Imported From: 110561.pdf

iHEER System - Documents

Date : Oct 2, 2014
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Notice to Proceed and EHMP Approval for "The Collection LLC"
Document No: 152441
Imported From: 110954.pdf

iHEER System - Documents

Date : Jul 30, 2014
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, 604 Ala Moana Blvd, Honolulu HI
Document No: 152443
Imported From: 110560.pdf

iHEER System - Documents

Date : Aug 11, 2014
Type: Undetermined
Title: Request for NFA the Collection Property (Former CompUSA). 604 Ala Moana Blvd, Honolulu HI
Document No: 152439
Imported From: 110558.pdf

Locations Details

Locations ID: 3048
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.862245 21.299238000000013)
Geometry:

POINT (-157.862245 21.299238000000013)

Locations ID: 10660
Location Type: EHMP
Description: EHMP
Comment :
Centroid: POINT (-157.86230769229286 21.299140326061096)
Geometry:

POLYGON ((-157.86231215737877 21.299903209098719, -157.86151822350985 21.299018563178077, -157.86239530585468 21.298373817880403, -157.86288883231276 21.299028559206381, -157.86292101882364 21.299071042321351, -157.86292638323914 21.299108527413289, -157.86293979428683 21.299188495575855, -157.86293979428683 21.299270962698419, -157.86293979428683 21.299325940754148, -157.86292370103138 21.299383417790896, -157.86291297219145 21.299433397804005, -157.86287273905734 21.299475880801957, -157.86231215737877 21.299903209098719))

Details

Centroid: POINT (-157.862245 21.299238000000013)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299238000000013,-157.862245

129	1 of 2	SE	0.34 / 1,773.00	3.28 / 0	458 Keawe Street 458 Keawe St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1513
Site Name (Public iHEER): 458 Keawe Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Kakaako Block B
Street (Public iHEER): 458 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		2992				
Suppl Loc (Public iHEER):		458 Keawe St				
Tax Map Keys (Public iHEER):		121054028				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1513				
Site Name (PORTAL):		458 Keawe Street				
Loc Desc (PORTAL):		458 Keawe St				
Address (PORTAL):		458 Keawe St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1513/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 18, 2019
Document No: 171812
Type: Undetermined
Title: Dig Clean Safety and Land Use Advisory 1378912
Imported From: Terradex Email

iHEER System - Documents

Date : Sep 11, 2018
Document No: 163677
Type: Site Characterization Report
Title: Documentation of Sampling and Analysis of Sub-Slab Soil Within the Building Located at 458 Keawe Street (TMK [1] 2-1-054:Parcel 028), in Honolulu Hawaii
Imported From: 133751.pdf

iHEER System - Locations Details

Locations ID: 3047
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.860386 21.300105000000006)
Geometry:

POINT (-157.860386 21.300105000000006)

iHEER System - Locations Details

Locations ID: 10655
Location Type: SB
Description: Rough site boundary
Comment : From TMK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.86044708448571 21.299998140146755)				
Geometry:		POLYGON ((-157.86074407490028 21.29996880504611, -157.86052681596539 21.299733899691351, -157.8601513067108 21.300036277791186, -157.86036051901351 21.300258687732153, -157.86074407490028 21.29996880504611))				
<u>Site Details</u>						
Centroid:		POINT (-157.860386 21.300105000000006)				
Updated On:		5/30/2019 8:35:41 PM				
Coordinates:		21.300105000000006,-157.860386				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Low Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Block B				
129	2 of 2	SE	0.34 / 1,773.00	3.28 / 0	458 Keawe Street 458 Keawe St Honolulu HI 96813	BROWNFIELDS
iHEER ID (Public iHEER):		1513				
Island (Public iHEER):		Oahu				
Site Name (Public iHEER):		458 Keawe Street				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Kakaako Block B				
Street (Public iHEER):		458 Keawe St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip Code (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Suppl Loc (Public iHEER):		458 Keawe St				
Program (Public iHEER):		State				
Status Name (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Is Public (Public iHEER):		TRUE				
Ms Access ID (Public iHEER):		2992				
Tax Map Keys (Public iHEER):		121054028				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):		1513				
Island (PORTAL):		Oahu				
Site Name (PORTAL):		458 Keawe Street				
Address (PORTAL):		458 Keawe St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Loc Desc (PORTAL):		458 Keawe St				
Program (PORTAL):		State				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1513/details/view				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Oct 18, 2019
 Type: Undetermined
 Title: Dig Clean Safety and Land Use Advisory 1378912
 Document No: 171812
 Imported From: Terradex Email

iHEER System - Documents

Date : Sep 11, 2018
 Type: Site Characterization Report
 Title: Documentation of Sampling and Analysis of Sub-Slab Soil Within the Building Located at 458 Keawe Street (TMK [1] 2-1-054:Parcel 028), in Honolulu Hawaii
 Document No: 163677
 Imported From: 133751.pdf

Locations Details

Locations ID: 3047
 Location Type: SC
 Description:
 Comment : Google Earth
 Centroid: POINT (-157.860386 21.300105000000006)
 Geometry:

POINT (-157.860386 21.300105000000006)

Locations ID: 10655
 Location Type: SB
 Description: Rough site boundary
 Comment : From TMK
 Centroid: POINT (-157.86044708448571 21.299998140146755)
 Geometry:

POLYGON ((-157.86074407490028 21.29996880504611, -157.86052681596539 21.299733899691351, -157.8601513067108 21.300036277791186, -157.86036051901351 21.300258687732153, -157.86074407490028 21.29996880504611))

Details

Centroid: POINT (-157.860386 21.300105000000006)
 Updated On: 5/30/2019 8:35:41 PM
 Coordinates: 21.300105000000006,-157.860386

130	1 of 1	N	0.34 / 1,781.29	5.53 / 2	Former Gas Station Investigation 128 N Nimitz Hwy Honolulu HI	SHWS
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iHEER ID (Public iHEER): 3184
 Site Name (Public iHEER): Former Gas Station Investigation
 Aliases (Public iHEER):
 Street (Public iHEER): 128 N Nimitz Hwy
 City (Public iHEER): Honolulu
 State (Public iHEER): HI
 Zip (Public iHEER):
 County (Public iHEER): Honolulu
 Island (Public iHEER): Oahu
 Status (Public iHEER): Assessment
 Lead Agency (Public iHEER): HEER Office
 Program (Public iHEER): State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/24/2022 3:38:14 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 128 N Nimitz Hwy
Tax Map Keys (Public iHEER): 117002013, 117002023, 117002050
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3184
Site Name (PORTAL): Former Gas Station Investigation
Loc Desc (PORTAL): 128 N Nimitz Hwy
Address (PORTAL): 128 N Nimitz Hwy
 Honolulu, HI
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3184/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Apr 26, 2022
Document No: 184490
Type: Phase II Environmental Site Assessment
Title: NR 22-1991 Phase II ESA - Former Gas Station 128 N. Nimitz Hwy
Imported From:

iHEER System - Locations Details

Locations ID: 9342
Location Type: SC
Description: Former Gas Station
Comment : Google Maps and Address.
Centroid: POINT (-157.864643 21.311414000000003)
Geometry:

POINT (-157.864643 21.311414000000003)

Site Details

Centroid: POINT (-157.864643 21.311414000000003)
Updated On: 5/24/2022 3:38:14 PM
Coordinates: 21.311414000000003,-157.864643

131	1 of 4	SSE	0.34 / 1,800.99	3.28 / 0	Kakaako Block B 400 Keawe St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 291
Island (Public iHEER): Oahu
Site Name (Public iHEER): Kakaako Block B
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Construction EHMP
Street (Public iHEER): 400 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Suppl Loc (Public iHEER):			400 Keawe St, Between Auahi St and Pohukaina St			
Program (Public iHEER):			SRP			
Status Name (Public iHEER):			NFAIC			
Lead Agency (Public iHEER):			HEER Office			
Updated on (Public iHEER):			5/30/2019 8:35:41 PM			
Is Public (Public iHEER):			TRUE			
Ms Access ID (Public iHEER):			2442			
Tax Map Keys (Public iHEER):			121054025, 121054027, 121054028, 121054032			
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):			291			
Island (PORTAL):			Oahu			
Site Name (PORTAL):			Kakaako Block B			
Address (PORTAL):			400 Keawe St Honolulu, HI 96813			
County (PORTAL):			Honolulu			
Loc Desc (PORTAL):			400 Keawe St, Between Auahi St and Pohukaina St			
Program (PORTAL):			SRP			
Status (PORTAL):			NFA W/ICS			
Priority (PORTAL):			Unranked			
Lead Agency (PORTAL):			HEER Office			
Assigned Rpm (PORTAL):			Melody Calisay			
Details URL (PORTAL):			https://eha-cloud.doh.hawaii.gov/iheer#!/site/291/details/view			
Data Source:			iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2018			
Type:			Undetermined			
Title:			Area-Wide EHE/EHMP for Kakaako Block B (Block B2 and B3), TMK 1-2-1-054: Parcels 027, 028, and 032			
Document No:			152505			
Imported From:			2018-329#Q:\2018 Final Correspondence (Day File)\18-329 MGC.PDF			
<u>iHEER System - Documents</u>						
Date :			Jan 23, 2015			
Type:			Undetermined			
Title:			Construction EHMP			
Document No:			152509			
Imported From:			122862#\Heersharepoint1\facilitiesite%20documents\122862.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 11, 2018			
Type:			Undetermined			
Title:			Documentation of Sampling and Analysis of Sub-Slab Soil within the building located at 458 Keawe Street (TMK 1-2-1-054;Parcel 028, Honolulu, Oahu, HI			
Document No:			152508			
Imported From:			133953#\Heersharepoint1\facilitiesite%20documents\133953.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 13, 2019			
Type:			Environmental Hazard Management Plan			
Title:			Environmental Hazard Management Plan With Environmental Hazard Evaluation			
Document No:			152503			
Imported From:			\facilitiesite documents\media136872\KakaakoBlockB.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 13, 2019			
Type:			Undetermined			
Title:			Environmental Hazard Management Plan With Environmental Hazard Evaluation			
Document No:			152502			
Imported From:			\facilitysite documents\media136872\HNN-9G6Y-YW9JW-v1-COR.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2021			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action Determination Letter with ICs Kakaako Block B2/B3			
Document No:			178939			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 29, 2015			
Type:			Undetermined			
Title:			No Further Action with Institutional Controls for 400 Keawe St, Honolulu HI, TMK 1-2-1-054-025			
Document No:			152540			
Imported From:			2015-188#Q:\2015 Final Correspondence (Day File)\15-188-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			May 14, 2019			
Type:			Undetermined			
Title:			Review of the EHE/EHMP for Kakaako Block B2/B3, 440, 444, and 458 Keawe Street			
Document No:			152495			
Imported From:			2019-210#Q:\2019 Final Correspondence (Day File)\19-210 MC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 29, 2018			
Type:			Undetermined			
Title:			Summary Letter – Jun 25th Soil Stockpile Sampling Innovation Block at Lot 'C' Project Phase 1 – Entrepreneurs Sandbox Ilalo Street and Keawe Street, Honolulu, Oahu, Hawaii			
Document No:			152512			
Imported From:			132166#\Heersharepoint1\facilitysite%20documents\132166.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2015			
Type:			Undetermined			
Title:			UST Closure and Release Response Report, 400 Keawe St, Honolulu, Oahu HI, HEER Case ID 2050218-1515			
Document No:			152506			
Imported From:			\facilitysite documents\media115280\115280.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2015			
Type:			Undetermined			
Title:			UST Closure and Release Response Report, 400 Keawe St, Honolulu, Oahu HI, HEER Case ID 2050218-1515			
Document No:			152507			
Imported From:			\facilitysite documents\media115280\FINAL UST Closure RR Report - Keawe 20150520.pdf			
<u>Locations Details</u>						
Locations ID:			3941			
Location Type:			SC			
Description:			Kakaako Block B			
Comment :			Google Maps and TMKs			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Centroid: POINT (-157.860939 21.299873999999996)
Geometry:

POINT (-157.860939 21.299873999999996)

Locations ID: 7109
Location Type: EHMP
Description: EHMP Kakaako Block B
Comment : Google Maps and Doc 152503
Centroid: POINT (-157.86064546938667 21.300058200577887)
Geometry:

POLYGON ((-157.86011958523085 21.300031936268653, -157.86059165401798 21.300539230376881, -157.86117369337649 21.300074419093573, -157.86069626016484 21.299582117368281, -157.86011958523085 21.300031936268653))

Details

Centroid: POINT (-157.860939 21.299873999999996)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299873999999996,-157.860939

131	2 of 4	SSE	0.34 / 1,800.99	3.28 / 0	Kakaako Block B 400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Melody Calisay
Assessment:	Response Necessary	Document Date:	4/29/2015 2:44:24 AM
Response:	Response Complete	Document No:	2015-188-MGC
Resp Act Complete:	4/29/2015 2:44:24 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	4/29/2015 2:44:24 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	
Engineer Control:	Engineering Control Required	Longitude:	
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Kakaako Block B		
Program Full Name:	Brownfields		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Metals from ash.		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:	No Further Action with Institutional Controls for 400 Keawe St, Honolulu HI, TMK 1-2-1-054-025		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121054028
Acres from TMK: 121054028
Description of Portion:
Acres for Discontinued Tmks:

Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054027
Acres from TMK: 121054027
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054032
Acres from TMK: 121054032
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054025
Acres from TMK: 121054025
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	291	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	2442	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	SRP
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Contamintion Above:	false	Location Desc:	400 Keawe St, Between Auahi St and Pohukaina St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	melody.calisay@doh.hawaii.gov
Program History:			

131	3 of 4	SSE	0.34 / 1,800.99	3.28 / 0	Kakaako Block B 400 Keawe St Between Auahi St and Pohukaina St Honolulu HI 96813	ENG
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Melody Calisay
Assessment:	Response Necessary	Document Date:	4/29/2015 2:44:24 AM
Response:	Response Complete	Document No:	2015-188-MGC
Resp Act Complete:	4/29/2015 2:44:24 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	4/29/2015 2:44:24 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	
Engineer Control:	Engineering Control Required	Longitude:	
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Kakaako Block B		
Program Full Name:	Brownfields		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Metals from ash.		
Nature of Residual Contam.:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description of Restrictions:

Doc Subject: No Further Action with Institutional Controls for 400 Keawe St, Honolulu HI, TMK 1-2-1-054-025
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121054025
Acres from TMK: 121054025
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054028
Acres from TMK: 121054028
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054027
Acres from TMK: 121054027
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121054032
Acres from TMK: 121054032
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID: 291	Is Public: true
Island ID: 8	Affiliate Organztns:
Pk Sitelist ID: 2442	Name Chnge Histry:
Status: Unreviewed	Documents:
Status Comment:	Lead Agency: HEER Office
Status History:	Program: SRP
Historical Records: false	Priority: Unranked
Is Report Approved: false	Location Desc: 400 Keawe St, Between Auahi St and Pohukaina St
Comtamintion Above: false	State: HI
COPC Action Reqd: false	County Name: Honolulu
Contamination Risk: false	Island Name: Oahu
Is Removal Action: false	Island County Code: OA
Controls Required: false	Assigned Rpm: melody.calisay@doh.hawaii.gov
Is Loc Issued: false	Cost Recovery Code:
Program History:	

131	4 of 4	SSE	0.34 / 1,800.99	3.28 / 0	Kakaako Block B 400 Keawe St Honolulu HI 96813	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Public iHEER):		291				
Site Name (Public iHEER):		Kakaako Block B				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Funded, Construction EHMP				
Street (Public iHEER):		400 Keawe St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		SRP				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		2442				
Suppl Loc (Public iHEER):		400 Keawe St, Between Auahi St and Pohukaina St				
Tax Map Keys (Public iHEER):		121054025, 121054027, 121054028, 121054032				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		291				
Site Name (PORTAL):		Kakaako Block B				
Loc Desc (PORTAL):		400 Keawe St, Between Auahi St and Pohukaina St				
Address (PORTAL):		400 Keawe St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		SRP				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/291/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Jan 23, 2015
Document No: 152509
Type: Undetermined
Title: Construction EHMP
Imported From: 122862#\Heersharepoint1\facilitiesite%20documents\122862.pdf

iHEER System - Documents

Date : Sep 11, 2018
Document No: 152508
Type: Undetermined
Title: Documentation of Sampling and Analysis of Sub-Slab Soil within the building located at 458 Keawe Street (TMK 1-2-1-054;Parcel 028, Honolulu, Oahu, HI
Imported From: 133953#\Heersharepoint1\facilitiesite%20documents\133953.pdf

iHEER System - Documents

Date : Mar 13, 2019
Document No: 152503
Type: Environmental Hazard Management Plan
Title: Environmental Hazard Management Plan With Environmental Hazard Evaluation
Imported From: \facilitiesite documents\media136872\KakaakoBlockB.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 13, 2019			
Document No:			152502			
Type:			Undetermined			
Title:			Environmental Hazard Management Plan With Environmental Hazard Evaluation			
Imported From:			\\facilitysite documents\media136872\HNN-9G6Y-YW9JW-v1-COR.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2021			
Document No:			178939			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action Determination Letter with ICs Kakaako Block B2/B3			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 29, 2015			
Document No:			152540			
Type:			Undetermined			
Title:			No Further Action with Institutional Controls for 400 Keawe St, Honolulu HI, TMK 1-2-1-054-025			
Imported From:			2015-188#Q:\2015 Final Correspondence (Day File)\15-188-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			May 14, 2019			
Document No:			152495			
Type:			Undetermined			
Title:			Review of the EHE/EHMP for Kakaako Block B2/B3, 440, 444, and 458 Keawe Street			
Imported From:			2019-210#Q:\2019 Final Correspondence (Day File)\19-210 MC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 29, 2018			
Document No:			152512			
Type:			Undetermined			
Title:			Summary Letter – Jun 25th Soil Stockpile Sampling Innovation Block at Lot 'C' Project Phase 1 – Entrepreneurs Sandbox Ilalo Street and Keawe Street, Honolulu, Oahu, Hawaii			
Imported From:			132166#\Heersharepoint1\facilitysite%20documents\132166.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2015			
Document No:			152506			
Type:			Undetermined			
Title:			UST Closure and Release Response Report, 400 Keawe St, Honolulu, Oahu HI, HEER Case ID 2050218-1515			
Imported From:			\\facilitysite documents\media115280\115280.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2015			
Document No:			152507			
Type:			Undetermined			
Title:			UST Closure and Release Response Report, 400 Keawe St, Honolulu, Oahu HI, HEER Case ID 2050218-1515			
Imported From:			\\facilitysite documents\media115280\FINAL UST Closure RR Report - Keawe 20150520.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2018			
Document No:			152505			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Area-Wide EHE/EHMP for Kakaako Block B (Block B2 and B3), TMK 1-2-1-054: Parcels 027, 028, and 032
Imported From: 2018-329#Q:\2018 Final Correspondence (Day File)\18-329 MGC.PDF

iHEER System - Locations Details

Locations ID: 7109
Location Type: EHMP
Description: EHMP Kakaako Block B
Comment : Google Maps and Doc 152503
Centroid: POINT (-157.86064546938667 21.300058200577887)
Geometry:

POLYGON ((-157.86011958523085 21.300031936268653, -157.86059165401798 21.300539230376881, -157.86117369337649 21.300074419093573, -157.86069626016484 21.299582117368281, -157.86011958523085 21.300031936268653))

iHEER System - Locations Details

Locations ID: 3941
Location Type: SC
Description: Kakaako Block B
Comment : Google Maps and TMKs
Centroid: POINT (-157.860939 21.299873999999996)
Geometry:

POINT (-157.860939 21.299873999999996)

Site Details

Centroid: POINT (-157.860939 21.299873999999996)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299873999999996,-157.860939

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Construction EHMP

132	1 of 1	ESE	0.34 / 1,808.53	6.56 / 3	AAA HAWAII BUILDING 590 QUEEN ST Honolulu HI 96813	LUST
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Facility ID: 9-100155
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	980195
Status Date:	11/8/2001	Project Officer:	Mark Sutterfield

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
133	1 of 4	SE	0.34 / 1,814.74	3.28 / 0	AMELCO CORPORATION 645 HALEKAUWILA STREET HONOLULU HI 96813	CERCLIS

Site ID:	0903613	RNPL Status Code:	N
Site EPA ID:	HID984466383	NPL Status:	Not on the NPL
Site Street Address 2:		RFED Facility Code:	N
Site County Name:	HONOLULU	RFED Facility Desc:	Not a Federal Facility
Site FIPS Code:	15003	USGS Hydro Unit No.:	
Region Code:	09	Site Cong. Dist. Code:	01
Site SMSA No.:	3320	ROT Desc:	Unknown
Site Prim. Latitude:	21D18M48S	FR NPL Update No.:	
Site Prim. Longitude:	157D51M48S	RFRA Code:	
Lat Long Source:			
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA Fund
Act Code ID:	001	Act Start Date:	
RAT Code:	DS	Act Complete Date:	10/9/1990 00:00:00
RAT Short Name:	DISCVRY	AGT Order No.:	10
RAT Name:	DISCOVERY	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA Fund
Act Code ID:	001	Act Start Date:	
RAT Code:	PA	Act Complete Date:	11/5/1991 00:00:00
RAT Short Name:	PA	AGT Order No.:	130
RAT Name:	PRELIMINARY ASSESSMENT	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:	P	SH Lead:	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA In-House
Act Code ID:	001	Act Start Date:	
RAT Code:	VS	Act Complete Date:	11/5/1991 00:00:00
RAT Short Name:	ARCH SITE	AGT Order No.:	1500
RAT Name:	ARCHIVE SITE	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	RALT Short Name:	
Act Code ID:		Act Start Date:	
RAT Code:		Act Complete Date:	
RAT Short Name:		AGT Order No.:	0
RAT Name:		SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:		SH Seq:	
RAT Level:		SH Start Date:	
RAT DEF OU:		SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:			
RAT Def:			
Site Desc:	No description available		
Site Alias:	No alias data available		

133	2 of 4	SE	0.34 / 1,814.74	3.28 / 0	AMELCO CORPORATION 645 HALEKAUWILA STREET HONOLULU HI 96813	CERCLIS NFRAP
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Site ID:	903613	Site FIPS Code:	15003
Site EPA ID:	HID984466383	Region Code:	9
Site Parent ID:		Site Cong. Dist. Code:	1
Site County Name:	HONOLULU	Federal Facility:	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	11/5/1991
RAT Code:	PA	AGT Order No.:	130
RAT Short Name:	PA	SH OU:	
RAT Name:	PRELIMINARY ASSESSMENT	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:	P	SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	NFRAP
RALT Short Name:	EPA Fund	RNPL Status Code:	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	11/5/1991
RAT Code:	VS	AGT Order No.:	1500
RAT Short Name:	ARCH SITE	SH OU:	
RAT Name:	ARCHIVE SITE	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA In-House	RNPL Status Code:	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	10/9/1990
RAT Code:	DS	AGT Order No.:	10
RAT Short Name:	DISCVRY	SH OU:	
RAT Name:	DISCOVERY	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA Fund	RNPL Status Code:	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

133	3 of 4	SE	0.34 / 1,814.74	3.28 / 0	AMELCO CORPORATION 645 HALEKAUWILA STREET HONOLULU HI 96813	SEMS ARCHIVE
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Site ID:	0903613	FIPS Code:	15003
EPA ID:	HID984466383	Cong District:	01
Superfund Alte Agr:	No	Region:	09
Federal Facility:	No	County:	HONOLULU
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	Qual:	
Action Code:	VS	SEQ:	1
Action Name:	ARCH SITE	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	11/05/1991	Region:	09
Curr Action Lead:	EPA Perf In-Hse		
Operable Units:	00	Qual:	N
Action Code:	PA	SEQ:	1
Action Name:	PA	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	11/05/1991	Region:	09
Curr Action Lead:	EPA Perf		
Operable Units:	00	Qual:	
Action Code:	DS	SEQ:	1
Action Name:	DISCVRY	FF:	N
Start Actual:	10/09/1990	FF Docket:	N
Finish Actual:	10/09/1990	Region:	09
Curr Action Lead:	EPA Perf		

133	4 of 4	SE	0.34 / 1,814.74	3.28 / 0	Amelco Corporation 645 Halekauwila St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER):	526
Site Name (Public iHEER):	Amelco Corporation
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft
Street (Public iHEER):	645 Halekauwila St
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Referred				
Lead Agency (Public iHEER):		SHWB				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		67				
Suppl Loc (Public iHEER):		645 Halekauwila St, 633 Halekauwila St				
Tax Map Keys (Public iHEER):		121051009				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		526				
Site Name (PORTAL):		Amelco Corporation				
Loc Desc (PORTAL):		645 Halekauwila St, 633 Halekauwila St				
Address (PORTAL):		645 Halekauwila St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REFERRED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		SHWB				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/526/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Dec 20, 1979
Document No: 4142
Type: Undetermined
Title: Potential Hazardous Waste Site Log Atlas Electric Company, Inc 633 Halekauwila St, Honolulu HI 113074#\Heersharepoint1\facilitiesite%20documents\113074.pdf
Imported From:

iHEER System - Documents

Date : Sep 6, 1991
Document No: 4149
Type: Preliminary Assessment Report
Title: Purpose: CERCLA Preliminary Assessment, Site: Amelco Corp, 645 Halekauwila St, Site EPA ID#: HID984466383 36196#\Heersharepoint1\facilitiesite%20documents\36196.pdf
Imported From:

iHEER System - Documents

Date : Oct 9, 1990
Document No: 4150
Type: Undetermined
Title: Request for CERCLIS Entry, AMELCO Corporation, 645 Halekauwila St, Honolulu HI 96813
Imported From: 1990-002#Q:\1990 Final Correspondence (Day File)\90-002-MI.pdf

iHEER System - Documents

Date : Dec 16, 1994
Document No: 4144
Type: Undetermined
Title: Site Screening Sheet for Amelco Corporation EPAID No HID984466383
Imported From: 113076#\Heersharepoint1\facilitiesite%20documents\113076.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date :
Document No: 4145
Type: Undetermined
Title: Site Summary Report for Amelco Corporation EPA ID HID984466383
Imported From: 113077#\Heersharepoint1\facilitiesite%20documents\113077.pdf

iHEER System - Documents

Date : Sep 26, 1991
Document No: 4146
Type: Undetermined
Title: Comments on draft PA
Imported From: 47287#\Heersharepoint1\facilitiesite%20documents\47287.pdf

iHEER System - Documents

Date : Sep 26, 1991
Document No: 4147
Type: Undetermined
Title: Comments on draft PA
Imported From: 1991-001#Q:1991 Final Correspondence (Day File)\91-001-MN.pdf

iHEER System - Documents

Date : Oct 31, 1990
Document No: 4151
Type: Undetermined
Title: Document/Event Log for Amelco Corporation
Imported From: 113079#\Heersharepoint1\facilitiesite%20documents\113079.pdf

iHEER System - Documents

Date : Jun 29, 1990
Document No: 4148
Type: Undetermined
Title: Environmental Assessment at Waterpark Towers Project Site, Pohukaina, Keawe, Halekauwila, South Sts, Honolulu HI, Preliminary Site Investigation for UST System Closure, Jun 29, 1990
Imported From: 36197#\Heersharepoint1\facilitiesite%20documents\36197.pdf

iHEER System - Documents

Date : Dec 2, 1993
Document No: 4143
Type: Undetermined
Title: Facility Information /Database Form for Amelco Corporation
Imported From: 113078#\Heersharepoint1\facilitiesite%20documents\113078.pdf

iHEER System - Documents

Date : Dec 29, 1995
Document No: 4913
Type: Undetermined
Title: ISST evaluation, SDAR NFA, referred to SHWB/UST
Imported From: 91399#\Heersharepoint1\facilitiesite%20documents\91399.pdf

iHEER System - Documents

Date : Jun 20, 1997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 13763
Type: No Further Action Determination Letter
Title: Pauahi Place Block Two (a.k.a. Waterpark Towers), UST Facility IDs 9-1-1356 and 9-102759, UST Release IDs 930106, 930108, and 930109
Imported From: 62143#\Heersharepoint1\facilitysite%20documents\62143.pdf

iHEER System - Locations Details

Locations ID: 785
Location Type: SC
Description:
Comment : Report Map
Centroid: POINT (-157.859674 21.300726999999984)
Geometry:

POINT (-157.859674 21.300726999999984)

Site Details

Centroid: POINT (-157.859674 21.300726999999984)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.300726999999984,-157.859674

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

134	1 of 2	SSE	0.35 / 1,844.14	3.28 / 0	Honolulu Seawater Air Conditioning Project Keawe St Shoreline to Auahi St Honolulu HI 96813	INST
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HID No: Fac Registry ID: Assessment: Response Necessary Response: Response Ongoing Resp Act Complete: Potential Haz/Ctrls: Hazard Managed With Controls Date Issued: 1/11/2012 2:20:15 AM Priority: High Engineer Control: Engineering Control Required Institutional Control: Government - Hawaii Dept. of Health Letter Issued Supplemental Location: Kakaako Waterfront Park Within Design. Area Contam.: SDAR Enviro Interest Name: Honolulu Seawater Air Conditioning Project Program Full Name: State Use Restrictions: Controls Required to Manage Contamination Site Closure Document: Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782 Nature of Contamination: Found: The site is part of Kakaako. The whole area is contaminated with Pb. Nature of Residual Contam.: Description of Restrictions: Doc Subject: Record Source: HEER Sites of Interest Lookup	Lead Agency: HEER Project Manager: Melody Calisay Document Date: Document No: Island: Oahu Loc State USPS Cd: HI Loc Zip Suffix: Latitude: Longitude:
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Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TMK Information

TMK: 121060009
 Acres from TMK: 121060009
 Description of Portion:
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

TMK: 121059012
 Acres from TMK:
 Description of Portion: ?
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

TMK: 121060008
 Acres from TMK: 121060008
 Description of Portion:
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

TMK: 121059027
 Acres from TMK: 121059027
 Description of Portion:
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	283	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	2057	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	Keawe St, Shoreline to Auahi St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	melody.calisay@doh.hawaii.gov
Program History:			

134	2 of 2	SSE	0.35 / 1,844.14	3.28 / 0	Honolulu Seawater Air Conditioning Project Keawe St Shoreline to Auahi St Honolulu HI 96813	ENG
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Melody Calisay
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	1/11/2012 2:20:15 AM	Loc Zip Suffix:	
Priority:	High	Latitude:	
Engineer Control:	Engineering Control Required	Longitude:	
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:	Kakaako Waterfront Park		
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Honolulu Seawater Air Conditioning Project		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination: Found: The site is part of Kakaako. The whole area is contaminated with Pb.
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information:

TMK Information

TMK: 121059027
Acres from TMK: 121059027
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121060008
Acres from TMK: 121060008
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121059012
Acres from TMK:
Description of Portion: ?
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121060009
Acres from TMK: 121060009
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID: 283	Is Public: true
Island ID: 8	Affiliate Organztns:
Pk Sitelist ID: 2057	Name Chnge Histry:
Status: Unreviewed	Documents:
Status Comment:	Lead Agency: HEER Office
Status History:	Program: State
Historical Records: false	Priority: Unranked
Is Report Approved: false	Location Desc: Keawe St, Shoreline to Auahi St
Contamination Above: false	State: HI
COPC Action Reqcd: false	County Name: Honolulu
Contamination Risk: false	Island Name: Oahu
Is Removal Action: false	Island County Code: OA
Controls Required: false	Assigned Rpm: melody.calisay@doh.hawaii.gov
Is Loc Issued: false	Cost Recovery Code:
Program History:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
135	1 of 3	ESE	0.35 / 1,874.34	6.56 / 3	QUEEN EMMALANI TOWER QUEEN & SOUTH STREETS HONOLULU HI 96813	CERCLIS

Site ID: 0903920
Site EPA ID: HID984466698
Site Street Address 2:
Site County Name: HONOLULU
Site FIPS Code: 15003
Region Code: 09
Site SMSA No.: 3320
Site Prim. Latitude: 21D18M48S
Site Prim. Longitude: 157D51M48S
Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

RNPL Status Code: N
NPL Status: Not on the NPL
RFED Facility Code: N
RFED Facility Desc: Not a Federal Facility
USGS Hydro Unit No.:
Site Cong. Dist. Code: 01
ROT Desc: Private
FR NPL Update No.:
RFRA Code:

CERCLIS Assess History

OU ID: 00
Act Code ID:
RAT Code:
RAT Short Name:
RAT Name:
RAT Hist. Only Flag:
RAT NSI Indicator:
RAT Level:
RAT DEF OU:
RFBS Code:
SPA Code:
RAT Def:
Site Desc: No description available
Site Alias: QUEEN EMMALANI TOWER,QUEEN & SOUTH STREET,HONOLULU, OAHU,HI,85546;

RALT Short Name:
Act Start Date:
Act Complete Date:
AGT Order No.: 0
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: VS
RAT Short Name: ARCH SITE
RAT Name: ARCHIVE SITE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

RALT Short Name: EPA In-House
Act Start Date:
Act Complete Date: 10/11/1994 00:00:00
AGT Order No.: 1500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: PA
RAT Short Name: PA
RAT Name: PRELIMINARY ASSESSMENT
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13

RALT Short Name: State (Fund)
Act Start Date:
Act Complete Date: 10/11/1994 00:00:00
AGT Order No.: 130
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	RALT Short Name:	State (Fund)
Act Code ID:	001	Act Start Date:	
RAT Code:	DS	Act Complete Date:	6/4/1991 00:00:00
RAT Short Name:	DISCVRY	AGT Order No.:	10
RAT Name:	DISCOVERY	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		

Site Desc:
Site Alias:

135	2 of 3	ESE	0.35 / 1,874.34	6.56 / 3	QUEEN EMMALANI TOWER QUEEN & SOUTH STREETS HONOLULU HI 96813	CERCLIS NFRAP
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Site ID:	903920	Site FIPS Code:	15003
Site EPA ID:	HID984466698	Region Code:	9
Site Parent ID:		Site Cong. Dist. Code:	1
Site County Name:	HONOLULU	Federal Facility:	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	6/4/1991
RAT Code:	DS	AGT Order No.:	10
RAT Short Name:	DISCVRY	SH OU:	
RAT Name:	DISCOVERY	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	State (Fund)	RNPL Status Code:	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	10/11/1994
RAT Code:	PA	AGT Order No.:	130
RAT Short Name:	PA	SH OU:	
RAT Name:	PRELIMINARY ASSESSMENT	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:	P	SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	NFRAP
RALT Short Name:	State (Fund)	RNPL Status Code:	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	10/11/1994
RAT Code:	VS	AGT Order No.:	1500
RAT Short Name:	ARCH SITE	SH OU:	
RAT Name:	ARCHIVE SITE	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA In-House	RNPL Status Code:	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

<u>135</u>	3 of 3	ESE	0.35 / 1,874.34	6.56 / 3	QUEEN EMMALANI TOWER QUEEN & SOUTH STREETS HONOLULU HI 96813	SEMS ARCHIVE
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Site ID:	0903920	FIPS Code:	15003
EPA ID:	HID984466698	Cong District:	01
Superfund Alte Agr:	No	Region:	09
Federal Facility:	No	County:	HONOLULU
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	Qual:	
Action Code:	DS	SEQ:	1
Action Name:	DISCVRY	FF:	N
Start Actual:	06/04/1991	FF Docket:	N
Finish Actual:	06/04/1991	Region:	09
Curr Action Lead:	St Perf		
Operable Units:	00	Qual:	
Action Code:	VS	SEQ:	1
Action Name:	ARCH SITE	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	10/11/1994	Region:	09
Curr Action Lead:	EPA Perf In-Hse		
Operable Units:	00	Qual:	N
Action Code:	PA	SEQ:	1
Action Name:	PA	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	10/11/1994	Region:	09
Curr Action Lead:	St Perf		

<u>136</u>	1 of 1	ESE	0.36 / 1,889.18	3.28 / 0	GENSIRO KAWAMOTO 630 KEAWE ST Honolulu HI 96800	LUST
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Facility ID: 9-102965

Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	940173
Status Date:	8/30/2005	Project Officer:	Richard Takaba

137	1 of 1	SE	0.36 / 1,923.18	3.28 / 0	Katherine M. Cooper Trust 609 Keawe St. Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250299
Property Name: Katherine M. Cooper Trust
Address: 609 Keawe St.
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.30086167
Long Measure: -157.8587328
Primary Name (Map): KATHERINE M. COOPER TRUST
Location Address (Map): 609 KEAWE ST.
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.30086167
Longitude (Map): -157.8587328
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162715	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		KATHERINE M. COOPER TRUST				
RCRA Drupa:						
Repow Ref :						
Url:		https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250299.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page				
Census Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8587328%2C21.30086167&featype=point&radius=1.0				
ACS Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8587328%2C21.30086167&featype=point&radius=1.0				
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Katherine M. Cooper Trust				
RCRA Han 1:						
RCRA Rau 1:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb:	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc:	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcb:		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voc:		Future Grnspc Ac:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30086167
Cleanup Drk Wat:					Longitude Measure:	-157.8587328
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-031				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Katherine M. Cooper Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		609 Keawe St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30086167

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Drk Wat:					Longitude Measure:	-157.8587328
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-031				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Katherine M. Cooper Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		609 Keawe St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcls:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30086167
Cleanup Drk Wat:		Longitude Measure:	-157.8587328
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-051-031		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Property Name:		Katherine M. Cooper Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		609 Keawe St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501					
GPA Type ID:	5					
GPA Type Desc:	Cleanup Activity					
Dt RLF Loan Signed:						
Dt RLF Sbrgrnt Sgnd:						
Accmplisht Cnt Flg:						
Awp Catalyst Yn:						
Assess ArsenIC :						
Assess Bldg Mats :						
Assess Cadmium :						
Assess Chromium :						
Assess Copper :						
Assess Iron :						
Assess Mercury :						
Assess Nickel :						
Assess None :						
Assess oorair :						
Assess Pesticides :						
Assess Selenium :						
Assess Svocs :						
Assess Unknown :						
Clnup Actvy Funded:						
Clnup ArsenIC :						
Clnup Bldg Mats :						
Clnup Cadmium :						
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:	N					
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structurs:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Env EC in Place:						
Env EC Required:					U	
Env IC in Place:						
Flg Clnup Trmt Tec:						
Flag EC Cover Tech:						
Flag EC Eng Barrier:						
Flag EC Immblztn:						
Flag EC in Place:						
Flag EC Other:						
Flag EC Required:					U	
Flag EC Security:						
Flg Prop Not Enrld:					Y	
Excavation Disposl:						
Extrctn of Cntmnts:						
FCA Fy:						
Ftr Multistry Acre:						
RFR Notation:						
RLF Ln Cst Shr Amt:						
RLF Loan Amount:						
RLF Subgrant Amt:						
Sect 128 A St Trbl:						
Interest Rate:						
Low Income:						
Low Income Pct:						
Median Income:						
Multipurpose:						
Past Mltistry Acre:						
Pro Code:					BF	
Pro Income Amt:						
Vacant Housing:						
Vacant Housing Pct:						
Total Unemployed:						
Unemployed Pct:						
Below Poverty:						
Below Poverty Pct:						
Radius:						
Actvy Funded:						
Cost Share Amt:						
Rdctn of Cntmnts:						
Removal of Mats:						
Repayment Period:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	611.47	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	11/02/2020	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30086167
Cleanup Drk Wat:		Longitude Measure:	-157.8587328
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-051-031		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Katherine M. Cooper Trust		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	609 Keawe St.		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501					
GPA Type ID:	1					
GPA Type Desc:	Phase I Environmental Assessment					
Dt RLF Loan Signed:						
Dt RLF Sbgrnt Sgnd:						
Accmplisht Cnt Flg:	Y					
Awp Catalyst Yn:						
Assess ArsenIC :						
Assess Bldg Mats :						
Assess Cadmium :						
Assess Chromium :						
Assess Copper :						
Assess Iron :						
Assess Mercury :						
Assess Nickel :						
Assess None :						
Assess oorair :						
Assess Pesticides :						
Assess Selenium :						
Assess Svocs :						
Assess Unknown :						
Clnup Actvy Funded:						
Clnup ArsenIC :						
Clnup Bldg Mats :						
Clnup Cadmium :						
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:						
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structurs:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30086167
Cleanup Drk Wat:					Longitude Measure:	-157.8587328
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-031				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Katherine M. Cooper Trust				
Property Size:		.01				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		609 Keawe St.				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Dt RLF Sbgmnt Sgnd: Accmplisht Cnt Flg: Awp Catalyst Yn: Assess ArsenIC : Assess Bldg Mats : Assess Cadmium : Assess Chromium : Assess Copper : Assess Iron : Assess Mercury : Assess Nickel : Assess None : Assess oorair : Assess Pesticides : Assess Selenium : Assess Svocs : Assess Unknown : Clnup Actvy Funded: Clnup ArsenIC : Clnup Bldg Mats : Clnup Cadmium : Clnup Chromium : Clnup Copper : Clnup Cst Shr Amt: Clnup Doc: Clnup Iron : Clnup Mercury : Clnup Nickel : Clnup None : Clnup of Structurs: Clnup oorair : Clnup Pesticides : Clnup Selenium : Clnup Svocs : Clnup Unkn Media : Clnup Unknown : Env Clnup Jobs: Env Pro Income Amt: Property Alias: AA Actvy Funded: AA Source of Funding: AA Amt Funding: Redev Fund Entity: Redev Lvrgd Srcs: Redev Cmpltn Date: Clnup Trmt Tech Info: EC Data Address: EC Addl Info: Env IC Data Address: IC Addl Info: Ctmnt Found: Other Forms of Doc: Highlights: Ctmnt Cleanedup: Media Affected: Ctmnt Rec:					Flag EC Cover Tech: Flg EC Eng Barrier: Flag EC Immblztn: Flag EC in Place: Flag EC Other: Flag EC Required: U Flag EC Security: Flg Prop Not Enrld: Y Excavation Disposl: Extrctn of Cntmnts: FCA Fy: Ftr Multistry Acre: RFR Notation: RLF Ln Cst Shr Amt: RLF Loan Amount: RLF Subgrant Amt: Sect 128 A St Trbl: Interest Rate: Low Income: Low Income Pct: Median Income: Multipurpose: Past Mltistry Acre: Pro Code: BF Pro Income Amt: Vacant Housing: Vacant Housing Pct: Total Unemployed: Unemployed Pct: Below Poverty: Below Poverty Pct: Radius: Actvy Funded: Cost Share Amt: Rdctn of Cntmnts: Removal of Mats: Repayment Period:	

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1 of 1

N

0.37 /
1,962.69

6.51 /
3

Hale O Kekaulike Affordable
Rental Housing
905 Kekaulike St
Honolulu HI 96817

SHWS

iHEER ID (Public iHEER): 3176
Site Name (Public iHEER): Hale O Kekaulike Affordable Rental Housing
Aliases (Public iHEER):
Street (Public iHEER): 905 Kekaulike St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		3/30/2022 6:02:42 PM				
Updated on (Public iHEER):		Ms Access ID (Public iHEER):				
Ms Access ID (Public iHEER):		905 Kekaulike St				
Suppl Loc (Public iHEER):		117002016				
Tax Map Keys (Public iHEER):		iHEER ID (Non Public iHEER):				
iHEER ID (Non Public iHEER):		Site Name (Non Public iHEER):				
Site Name (Non Public iHEER):		Address (Non Public iHEER):				
Address (Non Public iHEER):		City State Zip (Non Public):				
City State Zip (Non Public):		Suppl Loc Text(Non Public):				
Suppl Loc Text(Non Public):		iHEER ID (PORTAL):				
iHEER ID (PORTAL):		3176				
Site Name (PORTAL):		Hale O Kekaulike Affordable Rental Housing				
Loc Desc (PORTAL):		905 Kekaulike St				
Address (PORTAL):		905 Kekaulike St				
		Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		Consultation				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/3176/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Jan 7, 2022				
Document No:		183823				
Type:		Undetermined				
Title:		Early Consultation for the Proposed Hale O Kekaulike Affordable Rental Housing				
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:		9257				
Location Type:		SC				
Description:		Hale O Kekaulike				
Comment :		Google Maps and Address 905 Kekaulike St.				
Centroid:		POINT (-157.86480400000002 21.311922000000003)				
Geometry:		POINT (-157.86480400000002 21.311922000000003)				
<u>Site Details</u>						
Centroid:		POINT (-157.86480400000002 21.311922000000003)				
Updated On:		3/30/2022 6:02:42 PM				
Coordinates:		21.311922000000003,-157.86480400000002				

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1 of 2

WSW

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1,970.56

3.28 /
0

VIP TOWING
1006 MIKOLE ST
HONOLULU HI 96819

RCRA TSD

EPA Handler ID:

HIR000139709

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gen Status Universe:		VSG				
Contact Name:		TOAN NYGUEN				
Contact Address:						
Contact Phone No and Ext:		808-840-7827				
Contact Email:						
Contact Country:						
Land Type:		State				
County Name:		HONOLULU				
EPA Region:		09				
Receive Date:		20190408				
Location Latitude:		21.303873				
Location Longitude:		-157.875062				

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20190723
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20210114
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20190809
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20190723
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20191220
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20190809
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Used Oil - Generators
 Violation Type: 279.C
 Violation Determined Date: 20190723
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20191220
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20190809
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Used Oil - Generators
 Violation Type: 279.C
 Violation Determined Date: 20190723
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20211001
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20190809
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Generators - General
 Violation Type: 262.A
 Violation Determined Date: 20110124
 Scheduled Compliance Date:
 Return to Compliance: Observed
 Actual Return to Compl: 20110429
 Violation Responsible Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20110429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20110429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Found Violation: Yes
Citation:
Violation Short Description: Permits - General Information
Violation Type: 270.A
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20110429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20110429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Used Oil - Generators
Violation Type: 279.C
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20110429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110124

Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20210114
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20211001
Evaluation Agency: State

Evaluation Start Date: 20190723
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20190408
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20191220
Evaluation Agency: State

Evaluation Start Date: 20190408
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 20210114
Evaluation Agency: State

Evaluation Start Date: 20190408
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20191220
Evaluation Agency: State

Evaluation Start Date: 20190408
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20211001
Evaluation Agency: State

Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20110429
Evaluation Agency: State

Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 20110429
Evaluation Agency: State

Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Permits - General Information
Return to Compliance Date: 20110429
Evaluation Agency: State

Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - Manifest
Return to Compliance Date: 20110429
Evaluation Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20110429
Evaluation Agency: State

Evaluation Start Date: 20100726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20110429
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100622
Handler Name: DEPARTMENT OF LAND AND NATURAL RESOURCES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer
TSD Activity: Y

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20110523
Handler Name: SAND ISLAND BUSINESS ASSOCIATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20120120
Handler Name: SAND ISLAND BUSINESS ASSOCIATION
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20190408
Handler Name: VIP TOWING
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer
TSD Activity: N

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	SAND ISLAND BUSINESS ASSOCIATION	Street 2:	
Date Became Current:	19920101	City:	
Date Ended Current:		State:	
Phone:		Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	

Owner/Operator Ind:	Current Owner	Street No:	1151
Type:	State	Street 1:	PUNCHBOWL ST #131

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	STATE OF HAWAII DLNR				Street 2:	
Date Became Current:	19920101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-0400				Country:	US
Source Type:	Implementer				Zip Code:	96813
Owner/Operator Ind:	Current Owner				Street No:	1151
Type:	State				Street 1:	PUNCHBOWL ST #131
Name:	STATE OF HAWAII DLNR				Street 2:	
Date Became Current:	19920101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-0400				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	96813
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	1006 MIKOLE ST
Name:	SS&M AUTO PARTS				Street 2:	
Date Became Current:					City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Implementer				Zip Code:	96819
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	VIP TOWING				Street 2:	
Date Became Current:					City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	State				Street 1:	1151 PUNCHBOWL ST #131
Name:	STATE OF HAWAII DLNR				Street 2:	
Date Became Current:					City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Implementer				Zip Code:	96813
Owner/Operator Ind:	Current Owner				Street No:	
Type:	State				Street 1:	1151 PUNCHBOWL ST #131
Name:	STATE OF HAWAII DLNR				Street 2:	
Date Became Current:					City:	HONOLULU
Date Ended Current:					State:	HI
Phone:					Country:	US
Source Type:	Notification				Zip Code:	96813
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	P.O. BOX 17603
Name:	SAND ISLAND BUSINESS ASSOCIATION				Street 2:	
Date Became Current:	19920101				City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-587-0400				Country:	US
Source Type:	Notification				Zip Code:	96817

Historical Handler Details

Receive Dt:	20120120
Generator Code Description:	Not a Generator, Verified
Handler Name:	SAND ISLAND BUSINESS ASSOCIATION
Receive Dt:	20110523
Generator Code Description:	Large Quantity Generator
Handler Name:	SAND ISLAND BUSINESS ASSOCIATION
Receive Dt:	20100622
Generator Code Description:	Large Quantity Generator
Handler Name:	DEPARTMENT OF LAND AND NATURAL RESOURCES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
139	2 of 2	WSW	0.37 / 1,970.56	3.28 / 0	Sand Island Industrial Park Lot 44 1006 Mikole St Honolulu HI 96819	SHWS

iHEER ID (Public iHEER): 598
Site Name (Public iHEER): Sand Island Industrial Park Lot 44
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, HEER Case No. 20050303-1448, SS & M / DriveLine Components
Street (Public iHEER): 1006 Mikole St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Unreviewed
Lead Agency (Public iHEER): SHWB
Program (Public iHEER): RCRA
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/8/2020 11:15:06 AM
Ms Access ID (Public iHEER): 2067
Suppl Loc (Public iHEER): 1006 Mikole St, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041019
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 598
Site Name (PORTAL): Sand Island Industrial Park Lot 44
Loc Desc (PORTAL): 1006 Mikole St, Honolulu, HI 96819
Address (PORTAL): 1006 Mikole St
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): SHWB
Program (PORTAL): RCRA
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/598/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 2158
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.871334 21.302695000000007)
Geometry:

POINT (-157.871334 21.302695000000007)

iHEER System - Locations Details

Locations ID: 7057
Location Type: SB
Description: TMK 115041019
Comment : Placed by RPM
Centroid: POINT (-157.871351397164 21.302668758637786)
Geometry:

POLYGON ((-157.87170676208538 21.302632486299991, -157.87096915460597 21.302442566293028, -157.87124273992143 21.3029298605537, -157.87125078654466 21.302842397600735, -157.8712937018955 21.302782422973984, -157.87136612154043 21.302749936707109, -157.8714439056009 21.302752435651417, -157.87148950315049 21.302769928257053, -157.87154046512453 21.302819907118355,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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-157.87156728721095 21.302877382787671, -157.87159142708958 21.302907370084728, -157.87162361360046 21.302927361613246, -157.87162361360046 21.302927361613246, -157.87170676208538 21.302632486299991))

Site Details

Centroid: POINT (-157.871334 21.302695000000007)
Updated On: 10/8/2020 11:15:06 AM
Coordinates: 21.302695000000007,-157.871334

iHEER System - Aliases

Name: SS & M / DriveLine Components

iHEER System - Aliases

Name: HEER Case No. 20050303-1448

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

140	1 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1307	
Desig Fac Loc City:	Tacoma				Waste Line No: 4	
Desig Fac Loc State:	WA				Waste Line ID: 52278708	
Designated Latitude:	47.26914				Waste Quantity Kg: 171.42867	
Desig Longitude:	-122.39174				Date Shipped: 3/10/2022	
Generator ID:	HID157773284				Date Received: 4/20/2022	
Gen Loc State Other:					Date Certified: 4/25/2022 2:06:42 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	26856761					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)314874-18 140 SILVER NITRATE SOLUTION 3)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 4)1781426-00 130 XYLENE BULK 5)1732023-00 CHEMGUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	FUEL BLENDING					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1307 WASTE XYLENES II 3 (F.P.20c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	2 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: -	
Desig Fac Loc City:	Tacoma				Waste Line No: 11	
Desig Fac Loc State:	WA				Waste Line ID: 52623669	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Designated Latitude:	47.26914				Waste Quantity Kg: 12.244905	
Desig Longitude:	-122.39174				Date Shipped: 4/1/2022	
Generator ID:	HID157773284				Date Received: 5/4/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:07:37 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: No	
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, TOXIC)(LIQUI JET 2 INSTRUMENT DETERGENT)					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	WT02					

140	3 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1170	
Desig Fac Loc City:	Tacoma				Waste Line No: 8	
Desig Fac Loc State:	WA				Waste Line ID: 54077547	
Designated Latitude:	47.26914				Waste Quantity Kg: 20.86169	
Desig Longitude:	-122.39174				Date Shipped: 5/17/2022	
Generator ID:	HID157773284				Date Received: 6/23/2022	
Gen Loc State Other:					Date Certified: 7/18/2022 11:49:11 AM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27666109					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1170 WASTE ETHYL ALCOHOL III 3 (F.P.23c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
140	4 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-	Waste Line No:	2	
Desig Fac Loc City:	Tacoma	Waste Line ID:	52623660	Waste Quantity Kg:	58.049923	
Desig Fac Loc State:	WA	Date Shipped:	4/1/2022	Date Received:	5/4/2022	
Designated Latitude:	47.26914	Date Certified:	5/9/2022 3:07:37 PM	COI Only:	No	
Desig Longitude:	-122.39174	DOT Hazardous:	No			
Generator ID:	HID157773284					
Gen Loc State Other:						
Generator Latitude:	21.305734					
Generator Longitude:	-157.857134					
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (RINSE DRY)					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	5 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-	Waste Line No:	4	
Desig Fac Loc City:	Tacoma	Waste Line ID:	52623662	Waste Quantity Kg:	4.53515	
Desig Fac Loc State:	WA	Date Shipped:	4/1/2022	Date Received:	5/4/2022	
Designated Latitude:	47.26914	Date Certified:	5/9/2022 3:07:37 PM	COI Only:	No	
Desig Longitude:	-122.39174	DOT Hazardous:	No			
Generator ID:	HID157773284					
Gen Loc State Other:						
Generator Latitude:	21.305734					
Generator Longitude:	-157.857134					
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, TOXIC)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	WT02					

140	6 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma				Waste Line No:	5
Desig Fac Loc State:	WA				Waste Line ID:	52278709
Designated Latitude:	47.26914				Waste Quantity Kg:	211.338
Desig Longitude:	-122.39174				Date Shipped:	3/10/2022
Generator ID:	HID157773284				Date Received:	4/20/2022
Gen Loc State Other:					Date Certified:	4/25/2022 2:06:42 PM
Generator Latitude:	21.305734				COI Only:	No
Generator Longitude:	-157.857134				DOT Hazardous:	No
Manifest ID:	26856761					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)314874-18 140 SILVER NITRATE SOLUTION 3)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 4)1781426-00 130 XYLENE BULK 5)1732023-00 CHEMGUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT) (AFFF)					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	WP01					

140	7 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma				Waste Line No:	3
Desig Fac Loc State:	WA				Waste Line ID:	52623661
Designated Latitude:	47.26914				Waste Quantity Kg:	31.292536
Desig Longitude:	-122.39174				Date Shipped:	4/1/2022
Generator ID:	HID157773284				Date Received:	5/4/2022
Gen Loc State Other:					Date Certified:	5/9/2022 3:07:37 PM
Generator Latitude:	21.305734				COI Only:	No
Generator Longitude:	-157.857134				DOT Hazardous:	No
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
DOT Printed Information:						
Non Haz Waste Description: MATERIAL NOT REGULATED BY D.O.T. (CONTAINS 3,3,3-DIAMINO BENZIDINE TETRACHLORIDE)						
Waste Line Handling Instr: -						
Waste Residue Comments: -						
State Waste Codes: -						

140	8 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1219	
Desig Fac Loc City:	Tacoma				Waste Line No: 7	
Desig Fac Loc State:	WA				Waste Line ID: 52623665	
Designated Latitude:	47.26914				Waste Quantity Kg: 142.85722	
Desig Longitude:	-122.39174				Date Shipped: 4/1/2022	
Generator ID:	HID157773284				Date Received: 5/4/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:07:37 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEM GUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1219 WASTE ISOPROPANOL II 3 (F.P.12c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	9 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: -	
Desig Fac Loc City:	Tacoma				Waste Line No: 4	
Desig Fac Loc State:	WA				Waste Line ID: 52625074	
Designated Latitude:	47.26914				Waste Quantity Kg: 51.247196	
Desig Longitude:	-122.39174				Date Shipped: 3/24/2022	
Generator ID:	HID157773284				Date Received: 5/5/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:20:19 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: No	
Manifest ID:	27005879					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)1781426-00 130 XYLENE BULK 3)1732023-00 CHEM GUARD 3% AFFF 4)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EJSCREEN Report (Dest):					7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
DOT Printed Information:					-	
Non Haz Waste Description:					MATERIAL NOT REGULATED BY D.O.T. (3,3,3-DIAMINO BENZIDINE TETRACHLORIDE)	
Waste Line Handling Instr:					-	
Waste Residue Comments:					-	
State Waste Codes:					-	

140 10 of 33 E 0.38 / 1,980.18 13.12 / 10 **QUEEN'S MEDICAL CENTER** PFAS E
HONOLULU HI

Designated Fac ID: WAD020257945 **U.S. DOT ID No:** UN1230
Desig Fac Loc City: Tacoma **Waste Line No:** 5
Desig Fac Loc State: WA **Waste Line ID:** 54077544
Designated Latitude: 47.26914 **Waste Quantity Kg:** 7.709756
Desig Longitude: -122.39174 **Date Shipped:** 5/17/2022
Generator ID: HID157773284 **Date Received:** 6/23/2022
Gen Loc State Other: **Date Certified:** 7/18/2022 11:49:11 AM
Generator Latitude: 21.305734 **COI Only:** No
Generator Longitude: -157.857134 **DOT Hazardous:** YES
Manifest ID: 27666109
Manifest Handling Instr: 1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEM GUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK
Des Primary Naics: 562211
Gen Primary Naics: 622
Management Method Desc: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Designated Facility Name: Burlington Environmental, LLC Tacoma Plant
EJSCREEN Report (Generator): https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
EJSCREEN Report (Dest): https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
DOT Printed Information: UN1230 WASTE METHANOL II 3 6.1 (F.P.20c)
Non Haz Waste Description: -
Waste Line Handling Instr: -
Waste Residue Comments: -
State Waste Codes: -

140 11 of 33 E 0.38 / 1,980.18 13.12 / 10 **QUEEN'S MEDICAL CENTER** PFAS E
HONOLULU HI

Designated Fac ID: WAD020257945 **U.S. DOT ID No:** -
Desig Fac Loc City: Tacoma **Waste Line No:** 3
Desig Fac Loc State: WA **Waste Line ID:** 52625073
Designated Latitude: 47.26914 **Waste Quantity Kg:** 213.15205
Desig Longitude: -122.39174 **Date Shipped:** 3/24/2022
Generator ID: HID157773284 **Date Received:** 5/5/2022
Gen Loc State Other: **Date Certified:** 5/9/2022 3:20:19 PM
Generator Latitude: 21.305734 **COI Only:** No
Generator Longitude: -157.857134 **DOT Hazardous:** No
Manifest ID: 27005879
Manifest Handling Instr: 1)1710279-01 127 REAGENT ALCOHOL 2)1781426-00 130 XYLENE BULK 3)1732023-00 CHEM GUARD 3% AFFF 4)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI
Des Primary Naics: 562211
Gen Primary Naics: 622
Management Method Desc: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Designated Facility Name: Burlington Environmental, LLC Tacoma Plant
EJSCREEN Report (Generator): https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EJSCREEN Report (Dest):					22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 https://ejsscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
DOT Printed Information:					-	
Non Haz Waste Description:					MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT)	
Waste Line Handling Instr:					-	
Waste Residue Comments:					-	
State Waste Codes:					WP01	

140	12 of33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1307	
Desig Fac Loc City:	Tacoma				Waste Line No: 5	
Desig Fac Loc State:	WA				Waste Line ID: 52623663	
Designated Latitude:	47.26914				Waste Quantity Kg: 60.771015	
Desig Longitude:	-122.39174				Date Shipped: 4/1/2022	
Generator ID:	HID157773284				Date Received: 5/4/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:07:37 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	FUEL BLENDING					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejsscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejsscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1307 WASTE XYLENES II 3 (F.P.20c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

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Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1987	
Desig Fac Loc City:	Tacoma				Waste Line No: 1	
Desig Fac Loc State:	WA				Waste Line ID: 52278705	
Designated Latitude:	47.26914				Waste Quantity Kg: 368.7077	
Desig Longitude:	-122.39174				Date Shipped: 3/10/2022	
Generator ID:	HID157773284				Date Received: 4/20/2022	
Gen Loc State Other:					Date Certified: 4/25/2022 2:06:42 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	26856761					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)314874-18 140 SILVER NITRATE SOLUTION 3)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 4)1781426-00 130 XYLENE BULK 5)1732023-00 CHEMGUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Management Method Desc:		FUEL BLENDING				
Designated Facility Name:		Burlington Environmental, LLC Tacoma Plant				
EJSCREEN Report (Generator):		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
EJSCREEN Report (Dest):		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
DOT Printed Information:		UN1987 WASTE ALCOHOLS, N.O.S. (ETHANOL, METHANOL) II 3 (F.P.20c)				
Non Haz Waste Description:		-				
Waste Line Handling Instr:		-				
Waste Residue Comments:		-				
State Waste Codes:		-				

140	14 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	UN3266			
Desig Fac Loc City:	Tacoma	Waste Line No:	8			
Desig Fac Loc State:	WA	Waste Line ID:	52623666			
Designated Latitude:	47.26914	Waste Quantity Kg:	4.988665			
Desig Longitude:	-122.39174	Date Shipped:	4/1/2022			
Generator ID:	HID157773284	Date Received:	5/4/2022			
Gen Loc State Other:		Date Certified:	5/9/2022 3:07:37 PM			
Generator Latitude:	21.305734	COI Only:	No			
Generator Longitude:	-157.857134	DOT Hazardous:	YES			
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (DISODIUM METASILICATE, SODIUM XYLENESULFONATE) III 8 "LTD QTY"					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	15 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-			
Desig Fac Loc City:	Tacoma	Waste Line No:	2			
Desig Fac Loc State:	WA	Waste Line ID:	54077541			
Designated Latitude:	47.26914	Waste Quantity Kg:	105.21548			
Desig Longitude:	-122.39174	Date Shipped:	5/17/2022			
Generator ID:	HID157773284	Date Received:	6/23/2022			
Gen Loc State Other:		Date Certified:	7/18/2022 11:49:11 AM			
Generator Latitude:	21.305734	COI Only:	No			
Generator Longitude:	-157.857134	DOT Hazardous:	No			
Manifest ID:	27666109					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK	
Des Primary Naics:					562211	
Gen Primary Naics:					622	
Management Method Desc:					STORAGE, BULKING AND/OR TRANSFER OFF SITE	
Designated Facility Name:					Burlington Environmental, LLC Tacoma Plant	
EJSCREEN Report (Generator):					https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
EJSCREEN Report (Dest):					https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
DOT Printed Information:					-	
Non Haz Waste Description:					MATERIAL NOT REGULATED BY D.O.T. (3,3,3-DIAMINOBENZIDINE TETRACHLORIDE)	
Waste Line Handling Instr:					-	
Waste Residue Comments:					-	
State Waste Codes:					-	

140	16 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma				Waste Line No:	9
Desig Fac Loc State:	WA				Waste Line ID:	52623667
Designated Latitude:	47.26914				Waste Quantity Kg:	387.30182
Desig Longitude:	-122.39174				Date Shipped:	4/1/2022
Generator ID:	HID157773284				Date Received:	5/4/2022
Gen Loc State Other:					Date Certified:	5/9/2022 3:07:37 PM
Generator Latitude:	21.305734				COI Only:	No
Generator Longitude:	-157.857134				DOT Hazardous:	No
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:						
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT) (AFFF)					
Waste Line Handling Instr:						
Waste Residue Comments:						
State Waste Codes:	WP01					

140	17 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma				Waste Line No:	1
Desig Fac Loc State:	WA				Waste Line ID:	46193384
Designated Latitude:	47.26914				Waste Quantity Kg:	680.2725
Desig Longitude:	-122.39174				Date Shipped:	6/4/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator ID:	HID157773284				Date Received: 7/20/2021	
Gen Loc State Other:					Date Certified: 7/29/2021	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: No	
Manifest ID:	24191455					
Manifest Handling Instr:	1)1732023-00 CHEMGUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT) (AFFF)					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	WP01					

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Designated Fac ID:	WAD020257945	U.S. DOT ID No:	UN1493
Desig Fac Loc City:	Tacoma	Waste Line No:	3
Desig Fac Loc State:	WA	Waste Line ID:	54077542
Designated Latitude:	47.26914	Waste Quantity Kg:	9.97733
Desig Longitude:	-122.39174	Date Shipped:	5/17/2022
Generator ID:	HID157773284	Date Received:	6/23/2022
Gen Loc State Other:		Date Certified:	7/18/2022 11:49:11 AM
Generator Latitude:	21.305734	COI Only:	No
Generator Longitude:	-157.857134	DOT Hazardous:	YES
Manifest ID:	27666109		
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK		
Des Primary Naics:	562211		
Gen Primary Naics:	622		
Management Method Desc:	CHEMICAL TREATMENT		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
DOT Printed Information:	UN1493 WASTE SILVER NITRATE II 5.1 "LTD QTY"		
Non Haz Waste Description:	-		
Waste Line Handling Instr:	-		
Waste Residue Comments:	-		
State Waste Codes:	-		

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Designated Fac ID:	WAD020257945	U.S. DOT ID No:	UN1987
Desig Fac Loc City:	Tacoma	Waste Line No:	1
Desig Fac Loc State:	WA	Waste Line ID:	52625071
Designated Latitude:	47.26914	Waste Quantity Kg:	238.09537

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Desig Longitude:	-122.39174				Date Shipped: 3/24/2022	
Generator ID:	HID157773284				Date Received: 5/5/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:20:19 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27005879					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)1781426-00 130 XYLENE BULK 3)1732023-00 CHEMGUARD 3% AFFF 4)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	FUEL BLENDING					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1987 WASTE ALCOHOLS, N.O.S. (ETHANOL, METHANOL) II 3 (F.P.20c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140 20 of 33 E 0.38 / 1,980.18 13.12 / 10 QUEEN'S MEDICAL CENTER HONOLULU HI PFAS E

Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma	Waste Line No:	10
Desig Fac Loc State:	WA	Waste Line ID:	54077549
Designated Latitude:	47.26914	Waste Quantity Kg:	5.44218
Desig Longitude:	-122.39174	Date Shipped:	5/17/2022
Generator ID:	HID157773284	Date Received:	6/23/2022
Gen Loc State Other:		Date Certified:	7/18/2022 11:49:11 AM
Generator Latitude:	21.305734	COI Only:	No
Generator Longitude:	-157.857134	DOT Hazardous:	No
Manifest ID:	27666109		
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK		
Des Primary Naics:	562211		
Gen Primary Naics:	622		
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
DOT Printed Information:	-		
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (MICROLUBE C LUBRICANT)		
Waste Line Handling Instr:	-		
Waste Residue Comments:	-		
State Waste Codes:	-		

140 21 of 33 E 0.38 / 1,980.18 13.12 / 10 QUEEN'S MEDICAL CENTER HONOLULU HI PFAS E

Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma	Waste Line No:	12
Desig Fac Loc State:	WA	Waste Line ID:	52623670

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Designated Latitude:	47.26914				Waste Quantity Kg: 8.16327	
Desig Longitude:	-122.39174				Date Shipped: 4/1/2022	
Generator ID:	HID157773284				Date Received: 5/4/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:07:37 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: No	
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	-					
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (CLEAN QUICK QUARTERNARY)					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

[140](#) 22 of 33 **E** **0.38 / 1,980.18** **13.12 / 10** **QUEEN'S MEDICAL CENTER** **PFAS E**
HONOLULU HI

Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma	Waste Line No:	9
Desig Fac Loc State:	WA	Waste Line ID:	54077548
Designated Latitude:	47.26914	Waste Quantity Kg:	19.501146
Desig Longitude:	-122.39174	Date Shipped:	5/17/2022
Generator ID:	HID157773284	Date Received:	6/23/2022
Gen Loc State Other:		Date Certified:	7/18/2022 11:49:11 AM
Generator Latitude:	21.305734	COI Only:	No
Generator Longitude:	-157.857134	DOT Hazardous:	No
Manifest ID:	27666109		
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK		
Des Primary Naics:	562211		
Gen Primary Naics:	622		
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
DOT Printed Information:	-		
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT) (AFFF)		
Waste Line Handling Instr:	-		
Waste Residue Comments:	-		
State Waste Codes:	WP01		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
140	23 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E	
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	UN1307	Desig Fac Loc City:	Tacoma	Waste Line No:	2
Desig Fac Loc State:	WA	Waste Line ID:	52625072	Desig Fac Loc State:	WA	Waste Quantity Kg:	132.42638
Designated Latitude:	47.26914	Date Shipped:	3/24/2022	Desig Longitude:	-122.39174	Date Received:	5/5/2022
Desig Longitude:	-122.39174	Date Certified:	5/9/2022 3:20:19 PM	Generator ID:	HID157773284	COI Only:	No
Generator ID:	HID157773284	DOT Hazardous:	YES	Gen Loc State Other:			
Gen Loc State Other:				Generator Latitude:	21.305734		
Generator Latitude:	21.305734			Generator Longitude:	-157.857134		
Generator Longitude:	-157.857134			Manifest ID:	27005879		
Manifest ID:	27005879			Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)1781426-00 130 XYLENE BULK 3)1732023-00 CHEMGUARD 3% AFFF 4)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI		
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)1781426-00 130 XYLENE BULK 3)1732023-00 CHEMGUARD 3% AFFF 4)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI			Des Primary Naics:	562211		
Des Primary Naics:	562211			Gen Primary Naics:	622		
Gen Primary Naics:	622			Management Method Desc:	FUEL BLENDING		
Management Method Desc:	FUEL BLENDING			Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant			EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1			EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1			DOT Printed Information:	UN1307 WASTE XYLENES II 3 (F.P.20c)		
DOT Printed Information:	UN1307 WASTE XYLENES II 3 (F.P.20c)			Non Haz Waste Description:	-		
Non Haz Waste Description:	-			Waste Line Handling Instr:	-		
Waste Line Handling Instr:	-			Waste Residue Comments:	-		
Waste Residue Comments:	-			State Waste Codes:	-		
State Waste Codes:	-						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
140	24 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E	
Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-	Desig Fac Loc City:	Tacoma	Waste Line No:	10
Desig Fac Loc City:	Tacoma	Waste Line ID:	52623668	Desig Fac Loc State:	WA	Waste Quantity Kg:	54.875317
Desig Fac Loc State:	WA	Date Shipped:	4/1/2022	Designated Latitude:	47.26914	Date Received:	5/4/2022
Designated Latitude:	47.26914	Date Certified:	5/9/2022 3:07:37 PM	Desig Longitude:	-122.39174	COI Only:	No
Desig Longitude:	-122.39174	DOT Hazardous:	No	Generator ID:	HID157773284		
Generator ID:	HID157773284			Gen Loc State Other:			
Gen Loc State Other:				Generator Latitude:	21.305734		
Generator Latitude:	21.305734			Generator Longitude:	-157.857134		
Generator Longitude:	-157.857134			Manifest ID:	27005491		
Manifest ID:	27005491			Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK		
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK			Des Primary Naics:	562211		
Des Primary Naics:	562211			Gen Primary Naics:	622		
Gen Primary Naics:	622			Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE		
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE			Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant			EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1			EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1			DOT Printed Information:	-		
DOT Printed Information:	-			Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T.(WASHINGTON STATE DANGEROUS WASTE ONLY, TOXIC) (KLENZ GLIDE LUBRICANT)		
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T.(WASHINGTON STATE DANGEROUS WASTE ONLY, TOXIC) (KLENZ GLIDE LUBRICANT)			Waste Line Handling Instr:	-		
Waste Line Handling Instr:	-			Waste Residue Comments:	-		
Waste Residue Comments:	-			State Waste Codes:	WT02		
State Waste Codes:	WT02						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
140	25 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1307	
Desig Fac Loc City:	Tacoma				Waste Line No: 4	
Desig Fac Loc State:	WA				Waste Line ID: 54077543	
Designated Latitude:	47.26914				Waste Quantity Kg: 172.78923	
Desig Longitude:	-122.39174				Date Shipped: 5/17/2022	
Generator ID:	HID157773284				Date Received: 6/23/2022	
Gen Loc State Other:					Date Certified: 7/18/2022 11:49:11 AM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27666109					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	FUEL BLENDING					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1307 WASTE XYLENES II 3 (F.P.20c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	26 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1987	
Desig Fac Loc City:	Tacoma				Waste Line No: 7	
Desig Fac Loc State:	WA				Waste Line ID: 54077546	
Designated Latitude:	47.26914				Waste Quantity Kg: 24.48981	
Desig Longitude:	-122.39174				Date Shipped: 5/17/2022	
Generator ID:	HID157773284				Date Received: 6/23/2022	
Gen Loc State Other:					Date Certified: 7/18/2022 11:49:11 AM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27666109					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1987 WASTE ALCOHOLS, N.O.S. (ISOPROPANOL) III 3 (F.P.23c)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Non Haz Waste Description: -						
Waste Line Handling Instr: -						
Waste Residue Comments: -						
State Waste Codes: -						

140	27 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	UN1090
Desig Fac Loc City:	Tacoma				Waste Line No:	6
Desig Fac Loc State:	WA				Waste Line ID:	54077545
Designated Latitude:	47.26914				Waste Quantity Kg:	3.6281202
Desig Longitude:	-122.39174				Date Shipped:	5/17/2022
Generator ID:	HID157773284				Date Received:	6/23/2022
Gen Loc State Other:					Date Certified:	7/18/2022 11:49:11 AM
Generator Latitude:	21.305734				COI Only:	No
Generator Longitude:	-157.857134				DOT Hazardous:	YES
Manifest ID:	27666109					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1090 WASTE ACETONE II 3 (F.P.20c)					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	28 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma				Waste Line No:	3
Desig Fac Loc State:	WA				Waste Line ID:	52278707
Designated Latitude:	47.26914				Waste Quantity Kg:	73.46943
Desig Longitude:	-122.39174				Date Shipped:	3/10/2022
Generator ID:	HID157773284				Date Received:	4/20/2022
Gen Loc State Other:					Date Certified:	4/25/2022 2:06:42 PM
Generator Latitude:	21.305734				COI Only:	No
Generator Longitude:	-157.857134				DOT Hazardous:	No
Manifest ID:	26856761					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)314874-18 140 SILVER NITRATE SOLUTION 3)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 4)1781426-00 130 XYLENE BULK 5)1732023-00 CHEMGUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1	
DOT Printed Information:						
Non Haz Waste Description: MATERIAL NOT REGULATED BY D.O.T. (3,3,3-DIAMINO BENZIDINE TETRACHLORIDE)						
Waste Line Handling Instr: -						
Waste Residue Comments: -						
State Waste Codes: -						

140	29 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1493	
Desig Fac Loc City:	Tacoma				Waste Line No: 6	
Desig Fac Loc State:	WA				Waste Line ID: 52623664	
Designated Latitude:	47.26914				Waste Quantity Kg: 9.523815	
Desig Longitude:	-122.39174				Date Shipped: 4/1/2022	
Generator ID:	HID157773284				Date Received: 5/4/2022	
Gen Loc State Other:					Date Certified: 5/9/2022 3:07:37 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	27005491					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEM GUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	CHEMICAL TREATMENT					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
DOT Printed Information:	UN1493 WASTE SILVER NITRATE II 5.1 "LTD QTY"					
Non Haz Waste Description:	-					
Waste Line Handling Instr:	-					
Waste Residue Comments:	-					
State Waste Codes:	-					

140	30 of 33	E	0.38 / 1,980.18	13.12 / 10	QUEEN'S MEDICAL CENTER HONOLULU HI	PFAS E
Designated Fac ID:	WAD020257945				U.S. DOT ID No: UN1493	
Desig Fac Loc City:	Tacoma				Waste Line No: 2	
Desig Fac Loc State:	WA				Waste Line ID: 52278706	
Designated Latitude:	47.26914				Waste Quantity Kg: 5.895695	
Desig Longitude:	-122.39174				Date Shipped: 3/10/2022	
Generator ID:	HID157773284				Date Received: 4/20/2022	
Gen Loc State Other:					Date Certified: 4/25/2022 2:06:42 PM	
Generator Latitude:	21.305734				COI Only: No	
Generator Longitude:	-157.857134				DOT Hazardous: YES	
Manifest ID:	26856761					
Manifest Handling Instr:	1)1710279-01 127 REAGENT ALCOHOL 2)314874-18 140 SILVER NITRATE SOLUTION 3)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINO BENZI 4)1781426-00 130 XYLENE BULK 5)1732023-00 CHEM GUARD 3% AFFF					
Des Primary Naics:	562211					
Gen Primary Naics:	622					
Management Method Desc:	CHEMICAL TREATMENT					
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant					
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EJSCREEN Report (Dest):					7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 UN1493 WASTE SILVER NITRATE II 5.1 "LTD QTY"	
DOT Printed Information:						
Non Haz Waste Description:						
Waste Line Handling Instr:						
Waste Residue Comments:						
State Waste Codes:						

140 31 of 33 **E** **0.38 / 1,980.18** **13.12 / 10** **QUEEN'S MEDICAL CENTER** **PFAS E**
HONOLULU HI

Designated Fac ID: WAD020257945 **U.S. DOT ID No:** UN1987
Desig Fac Loc City: Tacoma **Waste Line No:** 1
Desig Fac Loc State: WA **Waste Line ID:** 54077540
Designated Latitude: 47.26914 **Waste Quantity Kg:** 546.9391
Desig Longitude: -122.39174 **Date Shipped:** 5/17/2022
Generator ID: HID157773284 **Date Received:** 6/23/2022
Gen Loc State Other: **Date Certified:** 7/18/2022 11:49:11 AM
Generator Latitude: 21.305734 **COI Only:** No
Generator Longitude: -157.857134 **DOT Hazardous:** YES
Manifest ID: 27666109
Manifest Handling Instr: 1)1710279-01 127 REAGENT ALCOHOL 10)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 2) 314874-18 140 SILVER NITRATE SOLUTION 3)1781426-00 130 XYLENE BULK 4)957523-04 131 LOOSEPACK METHANOL 5)1794453-00 127 ACETONE LOOSEPACK 6)1791732-00 127 CAVICIDE - LOOSEPACK 7) 1794527-00 127 HAND SANITIZER LOOSEPACK 8)1732023-01 CHEMGUARD 3% AFFF 9)1794729-00 MICROLUBE C LUBRICANT - LOOSEPACK
Des Primary Naics: 562211
Gen Primary Naics: 622
Management Method Desc: FUEL BLENDING
Designated Facility Name: Burlington Environmental, LLC Tacoma Plant
EJSCREEN Report (Generator): https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
EJSCREEN Report (Dest): https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
DOT Printed Information: UN1987 WASTE ALCOHOLS, N.O.S. (ETHANOL, METHANOL) II 3 (F.P.20c)
Non Haz Waste Description: -
Waste Line Handling Instr: -
Waste Residue Comments: -
State Waste Codes: -

140 32 of 33 **E** **0.38 / 1,980.18** **13.12 / 10** **QUEEN'S MEDICAL CENTER** **PFAS E**
HONOLULU HI

Designated Fac ID: WAD020257945 **U.S. DOT ID No:** UN1987
Desig Fac Loc City: Tacoma **Waste Line No:** 1
Desig Fac Loc State: WA **Waste Line ID:** 52623659
Designated Latitude: 47.26914 **Waste Quantity Kg:** 114.739296
Desig Longitude: -122.39174 **Date Shipped:** 4/1/2022
Generator ID: HID157773284 **Date Received:** 5/4/2022
Gen Loc State Other: **Date Certified:** 5/9/2022 3:07:37 PM
Generator Latitude: 21.305734 **COI Only:** No
Generator Longitude: -157.857134 **DOT Hazardous:** YES
Manifest ID: 27005491
Manifest Handling Instr: 1)1710279-01 127 REAGENT ALCOHOL 10)1782918-00 RINSE DRY LOOSEPACK 11)314847-18 WATER CONTAMINATED WITH 3,3-DIAMINOBENZI 12)1785604-00 BRAKE FLUID - LOOSEPACK 2)1781426-00 130 XYLENE BULK 3)314874-18 140 SILVER NITRATE SOLUTION 4)315593LP-00 129 ISOPROPYL ALCOHOL LOOSEPACK 5)1782932-00 154 FLOOR CLEANER AND DEGREASER LOOSEPACK 6)1732023-00 CHEMGUARD 3% AFFF 7)1782919-00 KLENZ GLIDE LUBRICANT LOOSEPACK 8)1781696-00 LIQUI JET 2 INSTRUMENT DETERGENT-LP 9)1782923-00 CLEAN QUICK QUATERNARY LOOSEPACK
Des Primary Naics: 562211

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gen Primary Naics:		622				
Management Method Desc:		FUEL BLENDING				
Designated Facility Name:		Burlington Environmental, LLC Tacoma Plant				
EJSCREEN Report (Generator):		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
EJSCREEN Report (Dest):		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
DOT Printed Information:		UN1987 WASTE ALCOHOLS, N.O.S. (ETHANOL, METHANOL) II 3 (F.P.20c)				
Non Haz Waste Description:		-				
Waste Line Handling Instr:		-				
Waste Residue Comments:		-				
State Waste Codes:		-				

[140](#) 33 of 33 **E** **0.38 / 1,980.18** **13.12 / 10** **QUEEN'S MEDICAL CENTER** **PFAS E**
HONOLULU HI

Designated Fac ID:	WAD020257945	U.S. DOT ID No:	-
Desig Fac Loc City:	Tacoma	Waste Line No:	1
Desig Fac Loc State:	WA	Waste Line ID:	62411017
Designated Latitude:	47.26914	Waste Quantity Kg:	1061.2251
Desig Longitude:	-122.39174	Date Shipped:	5/11/2023
Generator ID:	HID157773284	Date Received:	6/21/2023
Gen Loc State Other:		Date Certified:	6/26/2023 11:14:23 AM
Generator Latitude:	21.305734	COI Only:	No
Generator Longitude:	-157.857134	DOT Hazardous:	No
Manifest ID:	31482627		
Manifest Handling Instr:	1)1732023-02 CHEMGUARD 3% AFFF		
Des Primary Naics:	562211		
Gen Primary Naics:	622		
Management Method Desc:	STORAGE, BULKING AND/OR TRANSFER OFF SITE		
Designated Facility Name:	Burlington Environmental, LLC Tacoma Plant		
EJSCREEN Report (Generator):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.857134,%22y%22:21.305734,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
EJSCREEN Report (Dest):	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.39174,%22y%22:47.26914,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
DOT Printed Information:	-		
Non Haz Waste Description:	MATERIAL NOT REGULATED BY D.O.T. (WASHINGTON STATE DANGEROUS WASTE ONLY, PERSISTENT) (AFFF)		
Waste Line Handling Instr:	-		
Waste Residue Comments:	-		
State Waste Codes:	WP01		

[141](#) 1 of 1 **ESE** **0.38 / 1,985.72** **3.28 / 0** **Ililani** **SHWS**
615 Keawe St
Honolulu HI 96814

iHEER ID (Public iHEER):	3114
Site Name (Public iHEER):	Ililani
Aliases (Public iHEER):	615 Keawe Street, 676 Halekauwila St, UST Facility ID 9-103972 Wong's Produce 690 Halekauwila St
Street (Public iHEER):	615 Keawe St
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96814
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Remedy In Place
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	10/24/2022 1:42:32 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ms Access ID (Public iHEER):						
Suppl Loc (Public iHEER):			615 Keawe St, Honolulu, HI 96814			
Tax Map Keys (Public iHEER):			121051011, 121051012, 121051045			
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):			3114			
Site Name (PORTAL):			Ililani			
Loc Desc (PORTAL):			615 Keawe St, Honolulu, HI 96814			
Address (PORTAL):			615 Keawe St Honolulu, HI 96814			
County (PORTAL):			Honolulu			
Island (PORTAL):			Oahu			
Status (PORTAL):			REMEDY SELECTED			
Priority (PORTAL):			Unranked			
Lead Agency (PORTAL):			HEER Office			
Program (PORTAL):			State			
Assigned Rpm (PORTAL):			Kelsey Yap			
Details URL (PORTAL):			https://eha-cloud.doh.hawaii.gov/iheer#!/site/3114/details/view			
Data Source(s):			iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)			

iHEER System - Documents

Date : Jul 7, 2019
Document No: 181769
Type: Undetermined
Title: Archaeological Review Report
Imported From:

iHEER System - Documents

Date : Jan 5, 2022
Document No: 181861
Type: Comment Letter
Title: Comments on REVISED Environmental Hazard Management Plan for Construction, Ililani LLC Development, 690 Halekauwila Street and 615 Keawe Street, Honolulu, Hawaii, TMK Number (1) 2-1-051:045, dated December 15, 2021
Imported From:

iHEER System - Documents

Date : Feb 28, 2022
Document No: 183146
Type: Comment Letter
Title: Comments on SECOND REVISION Environmental Hazard Management Plan for Construction
Imported From:

iHEER System - Documents

Date : Mar 10, 2020
Document No: 180106
Type: Site Characterization Report
Title: DU Layout
Imported From:

iHEER System - Documents

Date : Mar 10, 2020
Document No: 180107
Type: Site Characterization Report
Title: DU Layout with Lead Results

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Jul 10, 2018
Document No: 180109
Type: Environmental Hazard Management Plan
Title: Environmental Hazard Evaluation (EHE) and Environmental Hazard Management Plan (EHMP) Ililani LLC 690 Halekauwila Street TMK: (1) 2-1-051:011 and 615 Keawe Street, TMK: (1) 2-1-051:012 Honolulu, Oahu, Hawaii

Imported From:

iHEER System - Documents

Date : Mar 8, 2022
Document No: 183326
Type: CEHMP
Title: Final Third Revised CEHMP signature page

Imported From:

iHEER System - Documents

Date : Jun 26, 2019
Document No: 180114
Type: Undetermined
Title: GEOTECHNICAL ENGINEERING EXPLORATION ILILANI 615 KEAWE STREET HONOLULU, OAHU, HAWAII W.O. 7474-10 JUNE 26, 2019

Imported From:

iHEER System - Documents

Date : Jul 12, 2018
Document No: 180115
Type: Undetermined
Title: Ililani Contaminated Areas

Imported From:

iHEER System - Documents

Date : Mar 10, 2020
Document No: 180108
Type: Undetermined
Title: Lead Laboratory Reports

Imported From:

iHEER System - Documents

Date : Mar 18, 2018
Document No: 180111
Type: Undetermined
Title: Letter Report Confirmation Sampling 690 Halekauwila Street TMK: (1) 2-1-051:010 Honolulu, Hawaii 96813

Imported From:

iHEER System - Documents

Date : Apr 6, 2022
Document No: 183971
Type: Undetermined
Title: Letter response to Request for Information

Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2020			
Document No:			181767			
Type:			Undetermined			
Title:			March 2020 site photo			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 18, 2019			
Document No:			180105			
Type:			Undetermined			
Title:			Pile Locations 10-18-19			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 25, 2022			
Document No:			183147			
Type:			Site Characterization Report			
Title:			Preliminary Additional Sampling Data			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2022			
Document No:			183077			
Type:			Request for Information			
Title:			Request for Information about Removal and Disposal of Lead Contaminated Fill Soil			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2022			
Document No:			182398			
Type:			Response to Comments			
Title:			Response to Comment Letter Regarding the Revised Environmental Hazard Management Plan for Construction, Ililani LLC Development			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2022			
Document No:			183322			
Type:			Response to Comments			
Title:			Responses to Comments on Revised Draft CEHMP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2022			
Document No:			183342			
Type:			Review Letter			
Title:			Review of THIRD REVISION Environmental Hazard Management Plan for Construction Ililani LLC Development			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 15, 2021			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 181688
Type: CEHMP
Title: REVISED Environmental Hazard Management Plan for Construction
Imported From:

iHEER System - Documents

Date : Jan 25, 2022
Document No: 182400
Type: CEHMP
Title: SECOND REVISION Environmental Hazard Management Plan for Construction
Imported From:

iHEER System - Documents

Date : Aug 31, 2018
Document No: 180112
Type: Undetermined
Title: SHWB NFA Letter, Subject Wong's Produce, 690 Halekauwila St, Hawaii, Facility ID No. 9-103972/Disconfirmed Release ID No. 180013
Imported From:

iHEER System - Documents

Date : Jun 19, 2018
Document No: 180113
Type: Site Characterization Report
Title: SITE INVESTIGATION REPORT (Former) Wong's Produce 690 Halekauwila Street Honolulu, Hawai'i 96813 Facility ID 9-103972, Release ID 180013
Imported From:

iHEER System - Documents

Date : Mar 7, 2022
Document No: 183324
Type: CEHMP
Title: THIRD REVISION Environmental Hazard Management Plan for Construction Ililani LLC Development
Imported From:

iHEER System - Documents

Date : Apr 5, 2018
Document No: 180110
Type: Site Characterization Report
Title: Underground Storage Tank Closure 2,500-Gallon Underground Heating Oil Storage Tank and 550-Gallon Underground Gasoline Storage Tank (former) Wongs Produce 690 Halekauwila Street Honolulu, Hawaii 96813
Imported From:

iHEER System - Locations Details

Locations ID: 7933
Location Type: SB
Description: Ililani
Comment : Placed by RPM
Centroid: POINT (-157.85830047665405 21.300815205524938)
Geometry:

POLYGON ((-157.85824627552972 21.30126556555463, -157.85857618724364 21.30108813864193, -157.85833478843006 21.300733284174694, -157.85856814061142 21.300613333175015, -157.8582730976251 21.300278469449264, -157.85804779206694 21.300915709465308, -157.85824627552972 21.30126556555463))

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 7934
Location Type: SC
Description: Ililani
Comment : Placed by RPM
Centroid: POINT (-157.858346 21.301046)
Geometry:

POINT (-157.858346 21.301046)

iHEER System - Locations Details

Locations ID: 8902
Location Type: EHMP
Description: EHMP Ililani
Comment : Base on Site Boundary.
Centroid: POINT (-157.85830424680915 21.300810839216648)
Geometry:

POLYGON ((-157.858252981058 21.301265448414931, -157.85857484613976 21.301090520474666, -157.85834954058163 21.300738164990896, -157.85857484613976 21.300620712975778, -157.85827712093669 21.300275853323246, -157.85804913317082 21.300898099499772, -157.858252981058 21.301265448414931))

Site Details

Centroid: POINT (-157.858346 21.301046)
Updated On: 10/24/2022 1:42:32 PM
Coordinates: 21.301046,-157.858346

iHEER System - Aliases

Name: 676 Halekauwila St

iHEER System - Aliases

Name: UST Facility ID 9-103972 Wong's Produce 690 Halekauwila St

iHEER System - Aliases

Name: 615 Keawe Street

142	1 of 1	ESE	0.38 / 1,989.11	3.28 / 0	GENSIRO KAWAMOTO 627 QUEEN ST Honolulu HI 96800	LUST
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Facility ID: 9-102963
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	940174
Status Date:	8/30/2005	Project Officer:	Richard Takaba

143	1 of 2	NNE	0.39 / 2,041.34	19.68 / 16	Marks Garage 22 S Pauahi St Honolulu HI 96817	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Public iHEER):		785				
Site Name (Public iHEER):		Marks Garage				
Aliases (Public iHEER):		Brownfields Unranked Site				
Street (Public iHEER):		22 S Pauahi St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		8/10/2020 1:21:23 PM				
Ms Access ID (Public iHEER):		2990				
Suppl Loc (Public iHEER):		1159 Nuuanu Ave, 1140 Bethel St & 22 S Pauahi St				
Tax Map Keys (Public iHEER):		121003020				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		785				
Site Name (PORTAL):		Marks Garage				
Loc Desc (PORTAL):		1159 Nuuanu Ave, 1140 Bethel St & 22 S Pauahi St				
Address (PORTAL):		22 S Pauahi St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/785/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Aug 28, 2018
Document No: 163648
Type: Undetermined
Title: Cover letter to Environmental Hazard Evaluation & Management Plan
Imported From: \\facilitysite documents\media132908\132908.PDF

iHEER System - Documents

Date : Aug 28, 2018
Document No: 163649
Type: Undetermined
Title: Environmental Hazard Evaluation & Management Plan
Imported From: \\facilitysite documents\media132908\Environmental Hazard Evaluation and Management Plan.pdf

iHEER System - Documents

Date : Aug 1, 2018
Document No: 163655
Type: Undetermined
Title: Environmental Hazard Evaluation & MANAGEMENT PLAN, MARK'S GARAGE 1140 BETHEL STREET / 22 S PAUAAHI STREET, Honolulu HI 96819 TMK 1-2-1-003-020, SRP Project No 2018077
Imported From: 134049#\Heersharepoint1\facilitysite%20documents\134049.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Aug 8, 2018			
Document No:			171160			
Type:			Environmental Hazard Management Plan			
Title:			Environmental Hazard Evaluation & Management Plan, Mark's Garage, 1140 Bethel St / 22 S Pauahi St, Honolulu HI 96819, TMK 1-2-1-003-020, August 2018			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 28, 2018			
Document No:			163646			
Type:			Undetermined			
Title:			Fast Track Cleanup application form			
Imported From:			\\facilitysite documents\media132908\Fast Track Cleanups Application and Agreement Form.PDF			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 2018			
Document No:			163645			
Type:			Undetermined			
Title:			Fast Track Cleanup screening form			
Imported From:			\\facilitysite documents\media132908\Site Screening Form.PDF			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2018			
Document No:			163647			
Type:			Phase II Environmental Site Assessment			
Title:			Limited Phase II Environmental Site Assessment			
Imported From:			\\facilitysite documents\media132908\Limited Site Investigation Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 2, 2018			
Document No:			163654			
Type:			Undetermined			
Title:			Limited SITE Investigation Report MARKS GARAGE 1140 BETHEL STREET / 22 S PAUAAHI St, Honolulu HI 96819 TMK 1-2-1-003-020			
Imported From:			\\facilitysite documents\media133707\Marks Garage - Ltd Site Investigation - 3-2-2018.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 1, 2019			
Document No:			163651			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action with Institutional Controls Determination for Marks Garage, 22 South Pauahi St, Honolulu HI 96813			
Imported From:			2019-084#Q:\2019 Final Correspondence (Day File)\19-084-ES.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 2, 2018			
Document No:			163653			
Type:			Undetermined			
Title:			Site diagram			
Imported From:			\\facilitysite documents\media133707\defaultPLIUIFEE.jpg			
<u>iHEER System - Documents</u>						
Date :			Mar 2, 2018			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 163652
Type: Undetermined
Title: Site diagram
Imported From: \\facilitysite documents\media133707\marks garage.jpg

iHEER System - Documents

Date : Sep 16, 1956
Document No: 163650
Type: Undetermined
Title: Work Starts on Honolulu's First Multi-Deck Parking Garage - Honolulu Advertiser 1956-09-16
Imported From: 135615#\Heersharepoint1\facilitysite%20documents\135615.pdf

iHEER System - Locations Details

Locations ID: 2554
Location Type: SC
Description: Marks Garage
Comment : Google Earth
Centroid: POINT (-157.860802 21.311394000000014)
Geometry:

POINT (-157.860802 21.311394000000014)

iHEER System - Locations Details

Locations ID: 6482
Location Type: EHMP
Description: EHMP Marks Garage
Comment : Placed by RPM
Centroid: POINT (-157.86081957146578 21.311422253525368)
Geometry:

POLYGON ((-157.86077383681328 21.311743831134478, -157.86119762583417 21.311498949427421, -157.86089721842333 21.31106165964799, -157.8604358784761 21.311384004810868, -157.86073896809469 21.311761322669476, -157.86077383681328 21.311743831134478))

Site Details

Centroid: POINT (-157.860802 21.311394000000014)
Updated On: 8/10/2020 1:21:23 PM
Coordinates: 21.311394000000014,-157.860802

iHEER System - Aliases

Name: Brownfields Unranked Site

143	2 of 2	NNE	0.39 / 2,041.34	19.68 / 16	Marks Garage 22 S Pauahi St Honolulu HI 96817	BROWNFIELDS
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iHEER ID (Public iHEER): 785
Island (Public iHEER): Oahu
Site Name (Public iHEER): Marks Garage
Aliases (Public iHEER): Brownfields Unranked Site
Street (Public iHEER): 22 S Pauahi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96817
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 1159 Nuuanu Ave, 1140 Bethel St & 22 S Pauahi St
Program (Public iHEER): State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status Name (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Updated on (Public iHEER):		8/10/2020 1:21:23 PM				
Is Public (Public iHEER):		TRUE				
Ms Access ID (Public iHEER):		2990				
Tax Map Keys (Public iHEER):		121003020				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):		785				
Island (PORTAL):		Oahu				
Site Name (PORTAL):		Marks Garage				
Address (PORTAL):		22 S Pauahi St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Loc Desc (PORTAL):		1159 Nuuanu Ave, 1140 Bethel St & 22 S Pauahi St				
Program (PORTAL):		State				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/785/details/view				
Data Source:		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Aug 28, 2018
Type: Undetermined
Title: Cover letter to Environmental Hazard Evaluation & Management Plan
Document No: 163648
Imported From: \facilitysite documents\media132908\132908.PDF

iHEER System - Documents

Date : Aug 28, 2018
Type: Undetermined
Title: Environmental Hazard Evaluation & Management Plan
Document No: 163649
Imported From: \facilitysite documents\media132908\Environmental Hazard Evaluation and Management Plan.pdf

iHEER System - Documents

Date : Aug 1, 2018
Type: Undetermined
Title: Environmental Hazard Evaluation & MANAGEMENT PLAN, MARK'S GARAGE 1140 BETHEL STREET / 22 S PAUAAHI STREET, Honolulu HI 96819 TMK 1-2-1-003-020, SRP Project No 2018077
Document No: 163655
Imported From: 134049#\Heersharepoint1\facilitysite%20documents\134049.pdf

iHEER System - Documents

Date : Aug 8, 2018
Type: Environmental Hazard Management Plan
Title: Environmental Hazard Evaluation & Management Plan, Mark's Garage, 1140 Bethel St / 22 S Pauahi St, Honolulu HI 96819, TMK 1-2-1-003-020, August 2018
Document No: 171160
Imported From:

iHEER System - Documents

Date : Aug 28, 2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Fast Track Cleanup application form				
Document No:		163646				
Imported From:		\\facilitysite documents\media132908\Fast Track Cleanups Application and Agreement Form.PDF				
<u>iHEER System - Documents</u>						
Date :		Aug 28, 2018				
Type:		Undetermined				
Title:		Fast Track Cleanup screening form				
Document No:		163645				
Imported From:		\\facilitysite documents\media132908\Site Screening Form.PDF				
<u>iHEER System - Documents</u>						
Date :		Feb 2, 2018				
Type:		Phase II Environmental Site Assessment				
Title:		Limited Phase II Environmental Site Assessment				
Document No:		163647				
Imported From:		\\facilitysite documents\media132908\Limited Site Investigation Report.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 2, 2018				
Type:		Undetermined				
Title:		Limited SITE Investigation Report MARKS GARAGE 1140 BETHEL STREET / 22 S PAUAAHI St, Honolulu HI 96819 TMK 1-2-1-003-020				
Document No:		163654				
Imported From:		\\facilitysite documents\media133707\Marks Garage - Ltd Site Investigation - 3-2-2018.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2019				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action with Institutional Controls Determination for Marks Garage, 22 South Pauahi St, Honolulu HI 96813				
Document No:		163651				
Imported From:		2019-084#Q:\2019 Final Correspondence (Day File)\19-084-ES.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 2, 2018				
Type:		Undetermined				
Title:		Site diagram				
Document No:		163653				
Imported From:		\\facilitysite documents\media133707\defaultPLIUIFEE.jpg				
<u>iHEER System - Documents</u>						
Date :		Mar 2, 2018				
Type:		Undetermined				
Title:		Site diagram				
Document No:		163652				
Imported From:		\\facilitysite documents\media133707\marks garage.jpg				
<u>iHEER System - Documents</u>						
Date :		Sep 16, 1956				
Type:		Undetermined				
Title:		Work Starts on Honolulu's First Multi-Deck Parking Garage - Honolulu Advertiser 1956-09-16				
Document No:		163650				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 135615#\Heersharepoint1\facilitiesite%20documents\135615.pdf

Locations Details

Locations ID: 2554
 Location Type: SC
 Description: Marks Garage
 Comment : Google Earth
 Centroid: POINT (-157.860802 21.311394000000014)
 Geometry:

POINT (-157.860802 21.311394000000014)

Locations ID: 6482
 Location Type: EHMP
 Description: EHMP Marks Garage
 Comment : Placed by RPM
 Centroid: POINT (-157.86081957146578 21.311422253525368)
 Geometry:

POLYGON ((-157.86077383681328 21.311743831134478, -157.86119762583417 21.311498949427421, -157.86089721842333 21.31106165964799, -157.8604358784761 21.311384004810868, -157.86073896809469 21.311761322669476, -157.86077383681328 21.311743831134478))

Details

Centroid: POINT (-157.860802 21.311394000000014)
 Updated On: 8/10/2020 1:21:23 PM
 Coordinates: 21.311394000000014,-157.860802

144	1 of 1	SE	0.39 / 2,065.32	3.28 / 0	Ililani LLC 676A Halekauwil St Honolulu HI 96813	FED BROWNFIELDS
---------------------	--------	----	-----------------	----------	--	-----------------

Property ID: 250298
 Property Name: Ililani LLC
 Address: 676A Halekauwil St
 City: Honolulu
 State Code: HI
 Zip Code: 96813
 Lat Measure: 21.30058727
 Long Measure: -157.8585143
 Primary Name (Map): ILILANI LLC
 Location Address (Map): 676A HALEKAUWIL ST
 City Name (Map): HONOLULU
 County Name (Map): HONOLULU
 State Code (Map): HI
 Postal Code (Map): 96813
 Latitude (Map): 21.30058727
 Longitude (Map): -157.8585143
 Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162714	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Rem 1:				BF IC Pr I:	U	
RCRA Ec Gw:				FF Brac In:		
RCRA Ec Ng:				BF RLF Ind:		
RCRA IC Ep:				BF Assess1:	Y	
RCRA IC Gc:				BF Multipu:		
RCRA IC ID:				BF Awp Ind:		
RCRA IC Pr:				BF Showcas:		
FF RCRA In:				BF 128a P :		
RCRA Trans:				LUST Relea:		
RCRA Tra 1:				LUST Award:		
RCRA Ec Co:				LUST State:		
RCRA IC Co:				Congressio:	HI-01	
RCRA Gpra :				FD Agency :		
RCRA Rem 2:				FD Listing:		
RCRA Dru 1:				FD Non NPL:		
SF Site ID:				FD RCRA Ha:		
SF Ec Ind:				FD RCRA Ca:		
SF EI Gm C:				FD SF NPL :		
SF EI He C:				FD FF Ind:		
SF IC Ind:				FD Ej Code:		
SF NPL Cod:				FD Brac In:		
SF NPL C 1:				FD Federal:		
SF Admin F:				FD Hrs Sco:		
FF And Sit:				FD Ongoing:		
FF SF Ind:				FD NPL Sta:		
Map Symbol:	B			FD Non N 1:		
Data Refre:	16-Feb-2023			FD RCRA Gw:		
GIS Refres:				FD RCRA He:		
New Site:				FD GMS Sur:		
EPAOSC Sit:				FD Hes Sur:		
EPAOSC Res:				FD SF Site:		
EPAOSC R 1:				FD Brac Ro:		
EPAOSC Sta:				Stimulus S:		
EPAOSC Inc:				Stimulus B:		
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		ILILANI LLC				
RCRA Drupa:						
Repow Ref :						
Url:						https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250298.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:						https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8585143%2C21.30058727&featype=point&radius=1.0
ACS Url:						https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8585143%2C21.30058727&featype=point&radius=1.0
ERR Lat Lo:				UST Status:		
LUST ID:				UST Substa:		
SAA Site:				UST SPA Fa:		
UST Landus:				UST SPA Wa:		
UST Closed:				UST WHPA F:		
UST Open:				UST WHPA W:		
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Ililani LLC				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanups In My Community (CIMC)

Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30058727
Cleanup Drk Wat:					Longitude Measure:	-157.8585143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-011				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Ililani LLC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		676A Halekauwili St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srce:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :
St Enrollment Dt:		Cleanup Pahs :
St NFA Dt:		Cleanup PcbS :
Ownshp Changed :		Clnup Petrol Prod :
Ownership Entity:	Private	Cleanup Sediments :
Permit Tools :		Cleanup Soil :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30058727
Cleanup Drk Wat:					Longitude Measure:	-157.8585143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-011				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Ililani LLC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		676A Halekauwil St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Svocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30058727
Cleanup Drk Wat:					Longitude Measure:	-157.8585143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-011				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Ililani LLC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		676A Halekauwili St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:						
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structurs:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srce:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30058727
Cleanup Drk Wat:					Longitude Measure:	-157.8585143
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-011				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Ililani LLC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		676A Halekauwili St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Crmplt Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcbs :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fndng Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevlCes :
Sflp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.30058727
Longitude Measure: -157.8585143

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT Pcbs :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type: Phase I Environmental Assessment
Assess Amount: 611.47
Assess Cmpltn Dt: 05/31/2021
Assess Start Dt: 11/02/2020
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
St Enrollment ID:						
Local Parcel No:		2-1-051-011				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		Ililani LLC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		676A Halekauwili St				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:		99T63501			Env EC in Place:	
GPA Type ID:		1			Env EC Required: U	
GPA Type Desc:		Phase I Environmental Assessment			Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Y			Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required: U	
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld: Y	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy: FY22	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code: BF	
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

145	1 of 3	S	0.39 / 2,071.30	3.28 / 0	Ala Moana #2 WWPS 210 Keawe St Honolulu HI 96813	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110014053273	Project Manager:	Clarence Callahan
Assessment:	Response Necessary	Document Date:	2/16/2006 1:15:08 AM
Response:	Response Complete	Document No:	2006-093-CAC
Resp Act Complete:	2/16/2006 1:15:08 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	2/16/2006 1:15:08 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	21.297345
Engineer Control:	No Engineering Control Required	Longitude:	-157.863428
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Ala Moana #2 WWPS		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Low levels of hydrocarbon and metals in soil and groundwater.		
Nature of Residual Contam.:	Low levels of hydrocarbon and metals in soil and groundwater.		
Description of Restrictions:	Test excavated soil prior to disposal at landfill in accordance with the TGM and landfill requirements. Complete a health and safety plan to protect workers from exposure. Follow "Guidance Fact Sheet for Use when Petroleum Contamination is Encountered..."		
Doc Subject:	Review of Final Site Investigation Report for Ala Moana Wastewater Pump Station, Honolulu HI		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Additional coordinates.
Latitude: 21.328598
Longitude: -157.827823
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping: Yes
Latitude: 21.297345
Longitude: -157.863428
Comments: ARC_STREET: 210 Keawe St XTRA_ADD: PrimaryTemp
Contact Information:

TMK Information

TMK: 121015023
Acres from TMK:
Description of Portion:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	979	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	50	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	210 Keawe St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	764	Incident ID:	
Location Type:	SC	Description:	
Comment:			EPO; PrimaryTemp ; ARC_STREET: 210 Keawe St XTRA_ADD: PrimaryTemp ;
Geometry:			POINT (-157.863 21.2973)
Centroid:			POINT (-157.863 21.2973)

145	2 of 3	S	0.39 / 2,071.30	3.28 / 0	Ala Moana #2 WWPS 210 Keawe St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 979
Site Name (Public iHEER): Ala Moana #2 WWPS
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA
Street (Public iHEER): 210 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 50
Suppl Loc (Public iHEER): 210 Keawe St
Tax Map Keys (Public iHEER): 121015023
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 979
Site Name (PORTAL): Ala Moana #2 WWPS
Loc Desc (PORTAL): 210 Keawe St
Address (PORTAL): 210 Keawe St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/979/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Mar 11, 2003
Document No: 29777
Type: Undetermined
Title: Draft Limited Phase II ESA for the Ala Moana Wastewater Pump Station, Honolulu HI
Imported From: 36061#\Heersharepoint1\facilitsite%20documents\36061.pdf

iHEER System - Documents

Date : Apr 22, 2003
Document No: 29783
Type: Undetermined
Title: Limited Phase II Environmental Site Investigation for Ala Moana Wastewater Pump Station, Keawe St, Honolulu HI
Imported From: 36062#\Heersharepoint1\facilitsite%20documents\36062.pdf

iHEER System - Documents

Date : Nov 5, 2004
Document No: 29780
Type: Undetermined
Title: Permission to proceed with construction at the Ala Moana #2 WWPS
Imported From: 2004-463#Q:\2004 Final Correspondence (Day File)\04-463-MS.pdf

iHEER System - Documents

Date : Oct 14, 2003
Document No: 29778
Type: Undetermined
Title: Pre-Final Site Investigation Work Plan for Ala Moana Wastewater Pump Station
Imported From: 36063#\Heersharepoint1\facilitsite%20documents\36063.pdf

iHEER System - Locations Details

Locations ID: 764
Location Type: SC
Description:
Comment : Report Map
Centroid: POINT (-157.863594 21.297604000000003)
Geometry:

POINT (-157.863594 21.297604000000003)

Site Details

Centroid: POINT (-157.863594 21.297604000000003)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.297604000000003,-157.863594

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

145	3 of 3	S	0.39 / 2,071.30	3.28 / 0	Ala Moana #2 WWPS 210 Keawe St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 979
Island (Public iHEER): Oahu
Site Name (Public iHEER): Ala Moana #2 WWPS
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA
Street (Public iHEER): 210 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 210 Keawe St
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 50
Tax Map Keys (Public iHEER): 121015023
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 979
Island (PORTAL): Oahu
Site Name (PORTAL): Ala Moana #2 WWPS
Address (PORTAL): 210 Keawe St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 210 Keawe St
Program (PORTAL): State
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/979/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Mar 11, 2003
Type: Undetermined
Title: Draft Limited Phase II ESA for the Ala Moana Wastewater Pump Station, Honolulu HI
Document No: 29777
Imported From: 36061#\Heersharepoint1\facilitysite%20documents\36061.pdf

iHEER System - Documents

Date : Apr 22, 2003
Type: Undetermined
Title: Limited Phase II Environmental Site Investigation for Ala Moana Wastewater Pump Station, Keawe St, Honolulu HI
Document No: 29783
Imported From: 36062#\Heersharepoint1\facilitysite%20documents\36062.pdf

iHEER System - Documents

Date : Nov 5, 2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
Title: Permission to proceed with construction at the Ala Moana #2 WWPS
Document No: 29780
Imported From: 2004-463#Q:\2004 Final Correspondence (Day File)\04-463-MS.pdf

iHEER System - Documents

Date : Oct 14, 2003
Type: Undetermined
Title: Pre-Final Site Investigation Work Plan for Ala Moana Wastewater Pump Station
Document No: 29778
Imported From: 36063#\Heersharepoint1\facilitiesite%20documents\36063.pdf

Locations Details

Locations ID: 764
Location Type: SC
Description:
Comment : Report Map
Centroid: POINT (-157.863594 21.297604000000003)
Geometry:

POINT (-157.863594 21.297604000000003)

Details

Centroid: POINT (-157.863594 21.297604000000003)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.297604000000003,-157.863594

146	1 of 1	SE	0.40 / 2,105.61	3.28 / 0	Wong's Produce 690 Halekauwila st Honolulu HI 96813	DELISTED LUST
Facility ID: 9-103972 Proj Officer: Original Source: LUST Record Date: 19-JAN-2021						

147	1 of 2	WSW	0.40 / 2,105.98	3.28 / 0	Tajiri Lumber 1002 Puuwai St Honolulu HI 96819	SHWS
iHEER ID (Public iHEER): 2977 Site Name (Public iHEER): Tajiri Lumber Aliases (Public iHEER): 1002 Puuwai Street, Brownfields Unranked Site Street (Public iHEER): 1002 Puuwai St City (Public iHEER): Honolulu State (Public iHEER): HI Zip (Public iHEER): 96819 County (Public iHEER): Honolulu Island (Public iHEER): Oahu Status (Public iHEER): Assessment Lead Agency (Public iHEER): HEER Office Program (Public iHEER): State Assigned Rpm (Public iHEER): Is Public (Public iHEER): TRUE Updated on (Public iHEER): 11/9/2021 4:36:09 PM Ms Access ID (Public iHEER): Suppl Loc (Public iHEER): 1002 Puuwai St, Honolulu, HI 96819 Tax Map Keys (Public iHEER): 115041268 iHEER ID (Non Public iHEER):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2977
Site Name (PORTAL): Tajiri Lumber
Loc Desc (PORTAL): 1002 Puuwai St, Honolulu, HI 96819
Address (PORTAL): 1002 Puuwai St
 Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2977/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Aug 13, 2019
Document No: 175671
Type: Phase I Environmental Site Assessment
Title: 2019 Ensolum PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
Imported From:

iHEER System - Documents

Date : Dec 4, 2019
Document No: 174017
Type: Phase II Environmental Site Assessment
Title: Limited Phase II Site Investigation Report 4 December 2019 Tajiri Lumber Ltd 1002 Puuwai Street, Sand Island Industrial Park TMK No.: (1) 1-5-041: 268 / TMK 1541-268 Honolulu, Oahu, Hawaii 96819
Imported From:

iHEER System - Locations Details

Locations ID: 5292
Location Type: SC
Description: Tajiri Lumber
Comment : Google maps
Centroid: POINT (-157.871068 21.301321000000019)
Geometry:

POINT (-157.871068 21.301321000000019)

iHEER System - Locations Details

Locations ID: 5293
Location Type: SB
Description: Fuel release
Comment :
Centroid: POINT (-157.87086172558787 21.30120638148659)
Geometry:

POLYGON ((-157.87089661715595 21.301260721656007, -157.87081346868 21.301235731962329, -157.87079469321685 21.301190750502318, -157.8708537018141 21.301155764912966, -157.87092075704359 21.301180754620244, -157.87092343925133 21.301178255650047, -157.87092612145906 21.301178255650047, -157.87089661715595 21.301260721656007))

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		5294				
Location Type:		SB				
Description:		Release sampling				
Comment :						
Centroid:		POINT (-157.87098085612004 21.301617598645851)				
Geometry:		POLYGON ((-157.87103877423814 21.301653059291642, -157.87092612145906 21.3016555582546, -157.87092612145906 21.301578090397982, -157.87103609203041 21.301583088325593, -157.87103877423814 21.30165056032947, -157.87103877423814 21.30165056032947, -157.87103877423814 21.301653059291642))				
Site Details						
Centroid:		POINT (-157.871068 21.301321000000019)				
Updated On:		11/9/2021 4:36:09 PM				
Coordinates:		21.301321000000019,-157.871068				
iHEER System - Aliases						
Name:		1002 Puuwai Street				
iHEER System - Aliases						
Name:		Brownfields Unranked Site				
147	2 of 2	WSW	0.40 / 2,105.98	3.28 / 0	Tajiri Lumber 1002 Puuwai St Honolulu HI 96819	BROWNFIELDS
iHEER ID (Public iHEER):		2977				
Island (Public iHEER):		Oahu				
Site Name (Public iHEER):		Tajiri Lumber				
Aliases (Public iHEER):		1002 Puuwai Street, Brownfields Unranked Site				
Street (Public iHEER):		1002 Puuwai St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip Code (Public iHEER):		96819				
County (Public iHEER):		Honolulu				
Suppl Loc (Public iHEER):		1002 Puuwai St, Honolulu, HI 96819				
Program (Public iHEER):		State				
Status Name (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Updated on (Public iHEER):		11/9/2021 4:36:09 PM				
Is Public (Public iHEER):		TRUE				
Ms Access ID (Public iHEER):						
Tax Map Keys (Public iHEER):		115041268				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):		2977				
Island (PORTAL):		Oahu				
Site Name (PORTAL):		Tajiri Lumber				
Address (PORTAL):		1002 Puuwai St Honolulu, HI 96819				
County (PORTAL):		Honolulu				
Loc Desc (PORTAL):		1002 Puuwai St, Honolulu, HI 96819				
Program (PORTAL):		State				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2977/details/view				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Source:		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :	Dec 4, 2019					
Type:	Phase II Environmental Site Assessment					
Title:	Limited Phase II Site Investigation Report 4 December 2019 Tajiri Lumber Ltd 1002 Puuwai Street, Sand Island Industrial Park TMK No.: (1) 1-5-041: 268 / TMK 1541-268 Honolulu, Oahu, Hawaii 96819					
Document No:	174017					
Imported From:						
<u>iHEER System - Documents</u>						
Date :	Aug 13, 2019					
Type:	Phase I Environmental Site Assessment					
Title:	2019 Ensolum PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT					
Document No:	175671					
Imported From:						
<u>Locations Details</u>						
Locations ID:	5292					
Location Type:	SC					
Description:	Tajiri Lumber					
Comment :	Google maps					
Centroid:	POINT (-157.871068 21.301321000000019)					
Geometry:	POINT (-157.871068 21.301321000000019)					
Locations ID:	5293					
Location Type:	SB					
Description:	Fuel release					
Comment :						
Centroid:	POINT (-157.87086172558787 21.30120638148659)					
Geometry:	POLYGON ((-157.87089661715595 21.301260721656007, -157.87081346868 21.301235731962329, -157.87079469321685 21.301190750502318, -157.8708537018141 21.301155764912966, -157.87092075704359 21.301180754620244, -157.87092343925133 21.301178255650047, -157.87092612145906 21.301178255650047, -157.87089661715595 21.301260721656007))					
Locations ID:	5294					
Location Type:	SB					
Description:	Release sampling					
Comment :						
Centroid:	POINT (-157.87098085612004 21.301617598645851)					
Geometry:	POLYGON ((-157.87103877423814 21.301653059291642, -157.87092612145906 21.3016555582546, -157.87092612145906 21.301578090397982, -157.87103609203041 21.301583088325593, -157.87103877423814 21.30165056032947, -157.87103877423814 21.30165056032947, -157.87103877423814 21.301653059291642))					
<u>Details</u>						
Centroid:	POINT (-157.871068 21.301321000000019)					
Updated On:	11/9/2021 4:36:09 PM					
Coordinates:	21.301321000000019,-157.871068					

148

1 of 1

WSW

0.40 /
2,107.283.28 /
0HI DOT HARBORS DIVISION
48 SAND ISLAND RD
Honolulu HI 96819

LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID: 9-101443
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Disconfirmed Release - investigation ongoing **Event ID:** suspected
Status Date: 11/4/2019 **Project Officer:** suspected

149	1 of 3	SE	0.40 / 2,108.75	3.28 / 0	Halekauwila Place 690 POHUKAINA ST Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 540
Site Name (Public iHEER): Halekauwila Place
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 690 POHUKAINA ST
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Consultation
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/13/2021 1:42:55 PM
Ms Access ID (Public iHEER): 2311
Suppl Loc (Public iHEER): Halekauwila St to the NE (mauka), Cooke St to the SE (Diamond Head), Pohukaina St to the SW (makai), and Keawe St to the NW (Ewa)
Tax Map Keys (Public iHEER): 121051009, 121051042, 121051043, 131051009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 540
Site Name (PORTAL): Halekauwila Place
Loc Desc (PORTAL): Halekauwila St to the NE (mauka), Cooke St to the SE (Diamond Head), Pohukaina St to the SW (makai), and Keawe St to the NW (Ewa)
Address (PORTAL): 690 POHUKAINA ST
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): Consultation
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/540/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Dec 8, 2009
Document No: 5531
Type: Undetermined
Title: Draft Environmental Assessment Prepared pursuant to the EIS Law (HRS 343 and 11-200, HAR), Halekauwila PI, Honolulu, Oahu, TMK 1-3-1-051-009 (por)
Imported From: 61824#\Heersharepoint1\facilitiesite%20documents\61824.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date :		Dec 16, 2009				
Document No:		147679				
Type:		No Action Determination Letter				
Title:		Draft Environmental Assessment, Halekauwila PI, Kakaako Community Development District, Honolulu HI (TMK 1-3-1-051-009)				
Imported From:		2009-831#Q:\2009 Final Correspondence (Day File)\09-831-RP.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147681				
Type:		Undetermined				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaAppendices\AB4AcousticalStudy.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147683				
Type:		Undetermined				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaAppendices\AAAarchaeologicalInventory.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147685				
Type:		Undetermined				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaAppendices\AB3Halekauwila Place Air Quality Rev1[1].pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147680				
Type:		Environmental Assessment				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaPlaceDEAvf.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147682				
Type:		Undetermined				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaAppendices\AB1Traffic Impact Report, narrative.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 1, 2009				
Document No:		147684				
Type:		Undetermined				
Title:		Halekauwila PI Draft EA				
Imported From:		\\facilitysite documents\media91195\HalekauwilaAppendices\AB2Traffic Impact Report, appendix.pdf				
 <u>iHEER System - Locations Details</u>						
Locations ID:		7932				
Location Type:		SB				
Description:						
Comment :		Placed by RPM				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Centroid: POINT (-157.85913159504716 21.300026680032257)
 Geometry:

POLYGON ((-157.85830189930189 21.300025425843469, -157.8592755411704 21.299250736846822, -157.85996755110023 21.300027924834112, -157.85897513375957 21.300802609733783, -157.85830189930189 21.300025425843469))

iHEER System - Locations Details

Locations ID: 3557
 Location Type: SC
 Description: Halekauwila Place
 Comment : Google Earth and Doc 147680
 Centroid: POINT (-157.858837 21.300459000000007)
 Geometry:

POINT (-157.858837 21.300459000000007)

Site Details

Centroid: POINT (-157.858837 21.300459000000007)
 Updated On: 12/13/2021 1:42:55 PM
 Coordinates: 21.300459000000007,-157.858837

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

149	2 of 3	SE	0.40 / 2,108.75	3.28 / 0	State of Hawaii/DLNR/HHFDC 690 Pohukaina Street Honolulu HI 96813	FED BROWNFIELDS
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Property ID: 250331
 Property Name: State of Hawaii/DLNR/HHFDC
 Address: 690 Pohukaina Street
 City: Honolulu
 State Code: HI
 Zip Code: 96813
 Lat Measure: 21.30072738
 Long Measure: -157.858926
 Primary Name (Map): STATE OF HAWAII/DLNR/HHFDC
 Location Address (Map): 690 POHUKAINA STREET
 City Name (Map): HONOLULU
 County Name (Map): HONOLULU
 State Code (Map): HI
 Postal Code (Map): 96813
 Latitude (Map): 21.30072738
 Longitude (Map): -157.858926
 Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162750	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
RCRA Ec Gw: RCRA Ec Ng: RCRA IC Ep: RCRA IC Gc: RCRA IC ID: RCRA IC Pr: FF RCRA In: RCRA Trans: RCRA Tra 1: RCRA Ec Co: RCRA IC Co: RCRA Gpra : RCRA Rem 2: RCRA Dru 1: SF Site ID: SF Ec Ind: SF EI Gm C: SF EI He C: SF IC Ind: SF NPL Cod: SF NPL C 1: SF Admin F: FF And Sit: FF SF Ind: Map Symbol: Data Refre: GIS Refres: New Site: EPAOSC Sit: EPAOSC Res: EPAOSC R 1: EPAOSC Sta: EPAOSC Inc: Desc : Ind Name: Cat Name: Sub Name: Primary Name: RCRA Drupa: Repow Ref : Url: Census Url: ACS Url:	B 16-Feb-2023				FF Brac In: BF RLF Ind: BF Assess1: Y BF Multipu: BF Awp Ind: BF Showcas: BF 128a P : LUST Relea: LUST Award: LUST State: Congressio: HI-01 FD Agency : FD Listing: FD Non NPL: FD RCRA Ha: FD RCRA Ca: FD SF NPL : FD FF Ind: FD Ej Code: FD Brac In: FD Federal: FD Hrs Sco: FD Ongoing: FD NPL Sta: FD Non N 1: FD RCRA Gw: FD RCRA He: FD GMS Sur: FD Hes Sur: FD SF Site: FD Brac Ro: Stimulus S: Stimulus B:		
ERR Lat Lo: LUST ID: SAA Site: UST Landus: UST Closed: UST Open: SF Site Na: SF Non N 1: SF Non N 2: SF Non N 3: SF Non Npl: BF Prope 1: RCRA Han 1: RCRA Rau I: REPOW BF: REPOW RCRA: REPOW Re 1: REPOW Ref1: REPOW SF:			State of Hawaii/DLNR/HHFDC		UST Status: UST Substa: UST SPA Fa: UST SPA Wa: UST WHPA F: UST WHPA W:		

Cleanups In My Community (CIMC)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcbs :	
Ownshp Changed :					Clnup Petrol Prod :	
Ownership Entity:	Government				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcbs :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30072738
Cleanup Drk Wat:					Longitude Measure:	-157.858926
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-044				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :
Grant Type:	Assessment	Cleanup Oth Cont:
EPA Region:	09	Cleanup Oth Metal :
St Enrollment Dt:		Cleanup Pahs :
St NFA Dt:		Cleanup Pcbs :
Ownshp Changed :		Clnup Petrol Prod :
Ownership Entity:	Government	Cleanup Sediments :
Permit Tools :		Cleanup Soil :
Photo Available :		Cleanup Srf Water :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Mapscale No:					Cleanup Vocs :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfilp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30072738
Cleanup Drk Wat:					Longitude Measure:	-157.858926
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-044				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Svocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30072738
Cleanup Drk Wat:					Longitude Measure:	-157.858926
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-044				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srce:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1222.94	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Amount:					Info Dev/Ces :	
Cleanup Acres:					Sfilp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30072738
Cleanup Drk Wat:					Longitude Measure:	-157.858926
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-044				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I Environmental Assessment
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30072738
Cleanup Drk Wat:		Longitude Measure:	-157.858926
Cleanup Grd Water:			
St Enrollment ID:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Local Parcel No:		2-1-051-044				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		0				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	U
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Fund Entity:
 Redev Lvrgd SrCs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

149	3 of 3	SE	0.40 / 2,108.75	3.28 / 0	State of Hawaii/DLNR/HHFDC 690 Pohukaina Street Honolulu HI 96813	FED BROWNFIELDS
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Property ID:	250300
Property Name:	State of Hawaii/DLNR/HHFDC
Address:	690 Pohukaina Street
City:	Honolulu
State Code:	HI
Zip Code:	96813
Lat Measure:	21.30039701
Long Measure:	-157.8586323
Primary Name (Map):	STATE OF HAWAII/DLNR/HHFDC
Location Address (Map):	690 POHUKAINA STREET
City Name (Map):	HONOLULU
County Name (Map):	HONOLULU
State Code (Map):	HI
Postal Code (Map):	96813
Latitude (Map):	21.30039701
Longitude (Map):	-157.8586323
Data Source:	USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162716	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		STATE OF HAWAII/DLNR/HHFDC				
RCRA Drupa:						
Repow Ref :						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%222250300.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page30039701&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8586323%2C21.30039701&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8586323%2C21.30039701&featype=point&radius=1.0	
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		State of Hawaii/DLNR/HHFDC				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:						
REPOW RCRA:						
REPOW Re 1:						
REPOW Ref1:						
REPOW SF:						
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69604568				Cleanup Lead :	
Grant Type:	Assessment				Cleanup Oth Cont:	
EPA Region:	09				Cleanup Oth Metal :	
St Enrollment Dt:					Cleanup Pahs :	
St NFA Dt:					Cleanup Pcb's :	
Ownshp Changed :					Cleanup Petrol Prod :	
Ownership Entity:	Private				Cleanup Sediments :	
Permit Tools :					Cleanup Soil :	
Photo Available :					Cleanup Srf Water :	
Source Mapscale No:					Cleanup Voc's :	
ASMT Air :					Prop Cntrl :	
ASMT Asbestos :					Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :					Ready For Reuse :	N
ASMT Drk Wat:					Redev Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT PcbS :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT VocS :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30039701
Cleanup Drk Wat:					Longitude Measure:	-157.8586323
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-043				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		.04				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	5				Env EC Required:	U
GPA Type Desc:	Cleanup Activity				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Clnup Actvy Funded:</i>					<i>Interest Rate:</i>	
<i>Clnup ArsenIC :</i>					<i>Low Income:</i>	
<i>Clnup Bldg Mats :</i>					<i>Low Income Pct:</i>	
<i>Clnup Cadmium :</i>					<i>Median Income:</i>	
<i>Clnup Chromium :</i>					<i>Multipurpose:</i>	
<i>Clnup Copper :</i>					<i>Past Mltistry Acre:</i>	
<i>Clnup Cst Shr Amt:</i>					<i>Pro Code:</i>	BF
<i>Clnup Doc:</i>	N				<i>Pro Income Amt:</i>	
<i>Clnup Iron :</i>					<i>Vacant Housing:</i>	
<i>Clnup Mercury :</i>					<i>Vacant Housing Pct:</i>	
<i>Clnup Nickel :</i>					<i>Total Unemployed:</i>	
<i>Clnup None :</i>					<i>Unemployed Pct:</i>	
<i>Clnup of Structurs:</i>					<i>Below Poverty:</i>	
<i>Clnup oorair :</i>					<i>Below Poverty Pct:</i>	
<i>Clnup Pesticides :</i>					<i>Radius:</i>	
<i>Clnup Selenium :</i>					<i>Actvy Funded:</i>	
<i>Clnup Svocs :</i>					<i>Cost Share Amt:</i>	
<i>Clnup Unkn Media :</i>					<i>Rdctn of Cntmnts:</i>	
<i>Clnup Unknown :</i>					<i>Removal of Mats:</i>	
<i>Env Clnup Jobs:</i>					<i>Repayment Period:</i>	
<i>Env Pro Income Amt:</i>						
<i>Property Alias:</i>						
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>AA Amt Funding:</i>						
<i>Redev Fund Entity:</i>						
<i>Redev Lvrgd Srcs:</i>						
<i>Redev Cmpltn Date:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>IC Addl Info:</i>						
<i>Ctmnt Found:</i>						
<i>Other Forms of Doc:</i>						
<i>Highlights:</i>						
<i>Ctmnt Cleanedup:</i>						
<i>Media Affected:</i>						

Ctmnt Rec:

Cleanups In My Community (CIMC)

<i>Grant ID:</i>	69604568	<i>Cleanup Lead :</i>	
<i>Grant Type:</i>	Assessment	<i>Cleanup Oth Cont:</i>	
<i>EPA Region:</i>	09	<i>Cleanup Oth Metal :</i>	
<i>St Enrollment Dt:</i>		<i>Cleanup Pahs :</i>	
<i>St NFA Dt:</i>		<i>Cleanup PcbS :</i>	
<i>Ownshp Changed :</i>		<i>Clnup Petrol Prod :</i>	
<i>Ownership Entity:</i>	Private	<i>Cleanup Sediments :</i>	
<i>Permit Tools :</i>		<i>Cleanup Soil :</i>	
<i>Photo Available :</i>		<i>Cleanup Srf Water :</i>	
<i>Source Mapscale No:</i>		<i>Cleanup VocS :</i>	
<i>ASMT Air :</i>		<i>Prop Cntrl :</i>	
<i>ASMT Asbestos :</i>		<i>Prop Fndng Typ Cd:</i>	Hazardous
<i>ASMT Cntrl Sub :</i>		<i>Ready For Reuse :</i>	N
<i>ASMT Drk Wat:</i>		<i>Redev Acres:</i>	
<i>ASMT Grd Water:</i>		<i>Flag Cleanup Reqd:</i>	U
<i>ASMT Lead :</i>		<i>Flag IC in Place:</i>	
<i>ASMT Oth Cont:</i>		<i>Flag IC Required:</i>	U
<i>ASMT Oth Metal :</i>		<i>Past Acres:</i>	
<i>ASMT Pahs :</i>		<i>Past Cml Acres:</i>	
<i>ASMT PcbS :</i>		<i>Past Grnspc Acres:</i>	
<i>ASMT Sediments :</i>		<i>Past Res Acres:</i>	
<i>ASMT Soil :</i>		<i>Future Acres:</i>	
<i>ASMT Srf Water :</i>		<i>Future Cml Acres:</i>	
<i>ASMT VocS :</i>		<i>Future Grnspc Acre:</i>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Asses Petrol Prod :					Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	611.47				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021				Redev Start Dt:	
Assess Start Dt:	11/02/2020				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30039701
Cleanup Drk Wat:					Longitude Measure:	-157.8586323
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	2-1-051-043					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Honolulu Authority for Rapid Transportation					
Redev Funding Entity Name:						
Property Name:	State of Hawaii/DLNR/HHFDC					
Property Size:	.04					
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:	690 Pohukaina Street					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY22
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structurs:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase I Environmental Assessment				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbcs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voccs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbcs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voccs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.30039701
Cleanup Drk Wat:					Longitude Measure:	-157.8586323
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-051-043				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		.04				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	
Clnup Bldg Mats :					Low Income Pct:	
Clnup Cadmium :					Median Income:	
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	
Clnup Mercury :					Vacant Housing Pct:	
Clnup Nickel :					Total Unemployed:	
Clnup None :					Unemployed Pct:	
Clnup of Structures:					Below Poverty:	
Clnup oorair :					Below Poverty Pct:	
Clnup Pesticides :					Radius:	
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30039701
Cleanup Drk Wat:		Longitude Measure:	-157.8586323
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-051-043		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii/DLNR/HHFDC				
Property Size:		.04				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		690 Pohukaina Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:		99T63501				
GPA Type ID:		6				
GPA Type Desc:		Acres Cleaned Up				
Dt RLF Loan Signed:						
Dt RLF Sbrgrnt Sgnd:						
Accmplisht Cnt Flg:						
Awp Catalyst Yn:						
Assess ArsenIC :						
Assess Bldg Mats :						
Assess Cadmium :						
Assess Chromium :						
Assess Copper :						
Assess Iron :						
Assess Mercury :						
Assess Nickel :						
Assess None :						
Assess oorair :						
Assess Pesticides :						
Assess Selenium :						
Assess Svocs :						
Assess Unknown :						
Clnup Actvy Funded:						
Clnup ArsenIC :						
Clnup Bldg Mats :						
Clnup Cadmium :						
Clnup Chromium :						
Clnup Copper :						
Clnup Cst Shr Amt:						
Clnup Doc:						
Clnup Iron :						
Clnup Mercury :						
Clnup Nickel :						
Clnup None :						
Clnup of Structurs:						
Clnup oorair :						
Clnup Pesticides :						
Clnup Selenium :						
Clnup Svocs :						
Clnup Unkn Media :						
Clnup Unknown :						
Env Clnup Jobs:						
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Crmplt Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
Env EC in Place:						
Env EC Required:		U				
Env IC in Place:						
Flg Clnup Trmt Tec:						
Flag EC Cover Tech:						
Flag EC Eng Barrier:						
Flag EC Immblztn:						
Flag EC in Place:						
Flag EC Other:						
Flag EC Required:		U				
Flag EC Security:						
Flg Prop Not Enrld:		Y				
Excavation Disposl:						
Extrctn of Cntmnts:						
FCA Fy:						
Ftr Multistry Acre:						
RFR Notation:						
RLF Ln Cst Shr Amt:						
RLF Loan Amount:						
RLF Subgrant Amt:						
Sect 128 A St Trbl:						
Interest Rate:						
Low Income:						
Low Income Pct:						
Median Income:						
Multipurpose:						
Past Mltistry Acre:						
Pro Code:		BF				
Pro Income Amt:						
Vacant Housing:						
Vacant Housing Pct:						
Total Unemployed:						
Unemployed Pct:						
Below Poverty:						
Below Poverty Pct:						
Radius:						
Actvy Funded:						
Cost Share Amt:						
Rdctn of Cntmnts:						
Removal of Mats:						
Repayment Period:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.30039701
Cleanup Drk Wat:		Longitude Measure:	-157.8586323
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-051-043		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	State of Hawaii/DLNR/HHFDC		
Property Size:	.04		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	690 Pohukaina Street		
City:	Honolulu		
State Code:	HI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Zip Code: 96813
 Horizontal Collection Method:
 Horizontal Reference Datum:
 Reference Point:
 Other Description:
 Other Desc Cleaned Up:
 Desc Hist:

Coop Agreement No: 99T63501
 GPA Type ID: 10
 GPA Type Desc: Redevelopment Jobs Leveraged

Dt RLF Loan Signed:
 Dt RLF Sbrgrnt Sgnd:
 Accmplisht Cnt Flg:
 Awp Catalyst Yn:
 Assess ArsenIC :
 Assess Bldg Mats :
 Assess Cadmium :
 Assess Chromium :
 Assess Copper :
 Assess Iron :
 Assess Mercury :
 Assess Nickel :
 Assess None :
 Assess oorair :
 Assess Pesticides :
 Assess Selenium :
 Assess Svocs :
 Assess Unknown :
 Clnup Actvy Funded:
 Clnup ArsenIC :
 Clnup Bldg Mats :
 Clnup Cadmium :
 Clnup Chromium :
 Clnup Copper :
 Clnup Cst Shr Amt:
 Clnup Doc:
 Clnup Iron :
 Clnup Mercury :
 Clnup Nickel :
 Clnup None :
 Clnup of Structurs:
 Clnup oorair :
 Clnup Pesticides :
 Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Env EC in Place:
 Env EC Required: U
 Env IC in Place:
 Flg Clnup Trmt Tec:
 Flag EC Cover Tech:
 Flag EC Eng Barrier:
 Flag EC Immblytn:
 Flag EC in Place:
 Flag EC Other:
 Flag EC Required: U
 Flag EC Security:
 Flg Prop Not Enrld: Y
 Excavation Disposl:
 Extrctn of Cntmnts:
 FCA Fy:
 Ftr Multistry Acre:
 RFR Notation:
 RLF Ln Cst Shr Amt:
 RLF Loan Amount:
 RLF Subgrant Amt:
 Sect 128 A St Trbl:
 Interest Rate:
 Low Income:
 Low Income Pct:
 Median Income:
 Multipurpose:
 Past Mltistry Acre:
 Pro Code: BF
 Pro Income Amt:
 Vacant Housing:
 Vacant Housing Pct:
 Total Unemployed:
 Unemployed Pct:
 Below Poverty:
 Below Poverty Pct:
 Radius:
 Actvy Funded:
 Cost Share Amt:
 Rdctn of Cntmnts:
 Removal of Mats:
 Repayment Period:

Ctmnt Rec:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
150	1 of 1	NE	0.41 / 2,139.06	22.62 / 19	STATE CAPITOL - TMK 2-1-33:25 235 S BERETANIA ST Honolulu HI 96813	LUST

Facility ID: 9-102692
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 930076
Status Date: 11/26/1999 **Project Officer:** David Hodges

151	1 of 4	SSE	0.41 / 2,140.18	3.28 / 0	Kakaako Pumping Station 240 Keawe St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 314
Site Name (Public iHEER): Kakaako Pumping Station
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, Kakaako Pump Station
Street (Public iHEER): 240 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/11/2021 2:50:09 PM
Ms Access ID (Public iHEER): 493
Suppl Loc (Public iHEER): 240 Keawe St, Honolulu, HI 96813
Tax Map Keys (Public iHEER): 121015035, 121015043, 121015044, 121015063
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 314
Site Name (PORTAL): Kakaako Pumping Station
Loc Desc (PORTAL): 240 Keawe St, Honolulu, HI 96813
Address (PORTAL): 240 Keawe St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/314/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8293
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: 7777#\Heersharepoint1\facilitiesite%20documents\7777.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 24, 2008
Document No: 8295
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRA0065 Dioxin.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8297
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRB0076 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8299
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRA0076 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8301
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRA0076 Dioxin.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8303
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRA0130 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8294
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRB0007 Dioxins.pdf

iHEER System - Documents

Date : Jun 24, 2008
Document No: 8296
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Imported From: \facilitysite documents\media7777\HRA0065 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			8298			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Imported From:			\facilitysite documents\media7777\HRA0113 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Document No:			8300			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Imported From:			\facilitysite documents\media7777\HRB0007 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Document No:			8302			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Imported From:			\facilitysite documents\media7777\HRB0055 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Document No:			8304			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Imported From:			\facilitysite documents\media7777\HRB0047 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			183000			
Type:			Undetermined			
Title:			Better Quality : APPENDIX A Aerial Photographs (1971, 1988, 1995)			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 20, 2004			
Document No:			32115			
Type:			Undetermined			
Title:			Brownfields Site Assessment for Kakaako Pump Station			
Imported From:			2004-279#Q:\2004 Final Correspondence (Day File)\04-279-DB.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 18, 2005			
Document No:			32107			
Type:			Undetermined			
Title:			Closeout letter for Kakaako Pump Station Brownfields Phase I Targeted Site Assessment			
Imported From:			2005-040#Q:\2005 Final Correspondence (Day File)\05-040-DB.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 3, 2004			
Document No:			32122			
Type:			Undetermined			
Title:			Department of Health Brownfields Targeted Site Assessment Program Phase I ESA for the Historic Pump Station Parcel, Kakaako, Oahu			
Imported From:			1689#\Heersharepoint1\facilitysite%20documents\1689.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 22, 2006
Document No: 32108
Type: Undetermined
Title: Determination of Brownfields Grant Eligibility for the Kakaako Pump Station (Ref. No P-11486)
Imported From: 2006-595#Q:\2006 Final Correspondence (Day File)\06-595-DB.pdf

iHEER System - Documents

Date : Feb 20, 2008
Document No: 32116
Type: Undetermined
Title: Response to Comments Letter, Phase II ESA SAP, Ala Moana Pumping Station, BF Grant BF-96915601-2
Imported From: 7281#\Heersharepoint1\facilitiesite%20documents\7281.pdf

iHEER System - Documents

Date : Oct 11, 2007
Document No: 32110
Type: Undetermined
Title: Review comments for Phase II ESA and Analyses Plan for Historic Ala Moana Pumping Station
Imported From: 2007-721#Q:\2007 Final Correspondence (Day File)\07-721-MGC.pdf

iHEER System - Documents

Date : May 3, 2007
Document No: 32117
Type: Undetermined
Title: Review of Phase I ESA of the Historic Ala Moana Pumping Station
Imported From: 125930#\Heersharepoint1\facilitiesite%20documents\125930.pdf

iHEER System - Documents

Date : May 20, 2011
Document No: 32124
Type: Review Letter
Title: Review of the Environmental Sampling Report and Request for Approval of the Construction Specification for Ala Moana Waste Water Pump Station Force Main #3
Imported From: 11-275-MGC.pdf

iHEER System - Documents

Date : Oct 1, 2007
Document No: 32114
Type: Undetermined
Title: Draft Phase II ESA and Analysis Plan, Historic Ala Moana Pumping Station (aka Kakaako Pumping Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Imported From: 38453#\Heersharepoint1\facilitiesite%20documents\38453.pdf

iHEER System - Documents

Date : Aug 1, 2007
Document No: 32109
Type: Undetermined
Title: Draft Phase II ESA SAP, Historic Ala Moana Pumping Station (aka the Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Imported From: 38452#\Heersharepoint1\facilitiesite%20documents\38452.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 1, 2009
Document No: 32125
Type: Environmental Hazard Management Plan
Title: EHMP Kakaako Makai District
Imported From: 60428#\Heersharepoint1\facilitiesite%20documents\60428.pdf

iHEER System - Documents

Date : Nov 30, 2007
Document No: 15234
Type: Undetermined
Title: Final SAP, Ala Moana Pump Station
Imported From: 7019#\Heersharepoint1\facilitiesite%20documents\7019.pdf

iHEER System - Documents

Date : Nov 19, 2007
Document No: 9682
Type: Undetermined
Title: Hawaii Brownfields Cleanup Revolving Loan Fund Pilot, Cooperative Agreement BL-97943301-0, Quarterly Progress Report for Jul-Sep 2007
Imported From: 6986#\Heersharepoint1\facilitiesite%20documents\6986.pdf

iHEER System - Documents

Date : Apr 9, 2007
Document No: 32118
Type: Undetermined
Title: Historic Ala Moana Pump Station Phase 1
Imported From: 125929#\Heersharepoint1\facilitiesite%20documents\125929.pdf

iHEER System - Documents

Date : May 1, 2007
Document No: 32113
Type: Undetermined
Title: Revised Phase I ESA Historic Ala Moana Pumping Station (aka the Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-Parcels 035, 043, and 044
Imported From: 38451#\Heersharepoint1\facilitiesite%20documents\38451.pdf

iHEER System - Documents

Date :
Document No: 32120
Type: Undetermined
Title: Site Maps
Imported From: 125931#\Heersharepoint1\facilitiesite%20documents\125931.pdf

iHEER System - Documents

Date : Jul 1, 2007
Document No: 14701
Type: Undetermined
Title: Historic Ala Moana Pumping Station (aka the Kakaako Pump Station)
Imported From: 6536#\Heersharepoint1\facilitiesite%20documents\6536.pdf

iHEER System - Documents

Date : Mar 31, 2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 32119
Type: Undetermined
Title: Phase I ESA Historic Ala Moana Pumping Station (aka the Kakaako Pump Station) 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Imported From: 38456#\Heersharepoint1\facilitysite%20documents\38456.pdf

iHEER System - Documents

Date : Sep 30, 2004
Document No: 32123
Type: Undetermined
Title: Phase I ESA, Kakaako Pump Station, 240 Keawe St, Honolulu HI 96813. Sep 2004
Imported From: 38450#\Heersharepoint1\facilitysite%20documents\38450.pdf

iHEER System - Documents

Date : Jun 1, 2008
Document No: 32111
Type: Undetermined
Title: Phase II ESA and Preliminary RAA Report, Historic Ala Moana Pumping Station (aka Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043, and 044
Imported From: 38457#\Heersharepoint1\facilitysite%20documents\38457.pdf

iHEER System - Documents

Date : Nov 1, 2007
Document No: 32112
Type: Undetermined
Title: Phase II ESA SAP, Historic Ala Moana Pumping Station (aka the Ala Moana Pumping Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-Parcels 035, 043, and 044
Imported From: 38454#\Heersharepoint1\facilitysite%20documents\38454.pdf

iHEER System - Documents

Date : Oct 17, 2007
Document No: 8793
Type: Undetermined
Title: Response Letter, Draft Phase II ESA and Analysis Plan, Historic Ala Moana Pumping Station (aka Kakaako Pumping Station)
Imported From: 6867#\Heersharepoint1\facilitysite%20documents\6867.pdf

iHEER System - Locations Details

Locations ID: 3324
Location Type: SC
Description: Kakaako Pump Station
Comment :
Centroid: POINT (-157.863018 21.29805600000001)
Geometry:
 POINT (-157.863018 21.29805600000001)

Site Details

Centroid: POINT (-157.863018 21.29805600000001)
Updated On: 1/11/2021 2:50:09 PM
Coordinates: 21.29805600000001,-157.863018

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Kakaako Pump Station

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

151	2 of 4	SSE	0.41 / 2,140.18	3.28 / 0	Kakaako Pump Station 240 Keawe St Honolulu HI 96813	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Melody Calisay
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc Zip Suffix:	
Priority:	Low	Latitude:	21.299436
Engineer Control:		Longitude:	-157.86304
Institutional Control:			
Supplemental Location:	Ala Moana Blvd & Forrest St, Kakaako Area		
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Kakaako Pump Station		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Subsurface soil samples indicated elevated levels of TPH, benzo[a]pyrene, As, Pb, and Cr above the DOH EAL.		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:			
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.328598
Longitude:	-157.827823
Comments:	
Contact Information:	
Coordinate for Mapping:	Yes
Latitude:	21.299436
Longitude:	-157.86304
Comments:	ARC_STREET: XTRA_ADD: PrimaryTemp
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Coordinate for Mapping:	Additional coordinates.
Latitude:	21.297979

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:		-157.863098				
Comments:						
Contact Information:		(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782				

Coordinate for Mapping: Additional coordinates.
Latitude: 21.298206
Longitude: -157.862826
Comments:
Contact Information:

TMK Information

TMK: 121015043
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121015063
Acres from TMK: 121015063
Description of Portion: 240 Keawe St
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121015044
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121015035
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	314	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	493	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	240 Keawe St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	melody.calisay@doh.hawaii.gov
Program History:			

HEER Online - Location

Locations ID:	1713	Incident ID:	
Location Type:	SC	Description:	
Comment:	EPO; PrimaryTemp ; ARC_STREET: XTRA_ADD: PrimaryTemp;		
Geometry:	POINT (-157.863 21.2994)		
Centroid:	POINT (-157.863 21.2994)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
151	3 of 4	SSE	0.41 / 2,140.18	3.28 / 0	Historic Ala Moana (Kaka'ako) Pumping Station 240 Keawe Street Honolulu HI 96813	FED BROWNFIELDS

Property ID: 54561
Property Name: Historic Ala Moana (Kaka'ako) Pumping Station
Address: 240 Keawe Street
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.2975
Long Measure: -157.8632
Primary Name (Map): HISTORIC ALA MOANA (KAKA'AKO) PUMPING STATION
Location Address (Map): 240 KEAWE STREET
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.2975
Longitude (Map): -157.8632
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110038724477	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	Y
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	N
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		HISTORIC ALA MOANA (KAKA'AKO) PUMPING STATION				
RCRA Drupa:						
RCRA Ref :						
Url:		https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:36765 https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2254561.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8632%2C21.2975&featype=point&radius=1.0				
Census Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8632%2C21.2975&featype=point&radius=1.0				
ACS Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8632%2C21.2975&featype=point&radius=1.0				
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Historic Ala Moana (Kaka'ako) Pumping Station				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SGW				
REPOW RCRA:						
REPOW Re 1:		RE-Powering Site Profile				
REPOW Ref1:		36765				
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69606661	Cleanup Lead :	
Grant Type:	TBA	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb's :	
Ownshp Changed :	N	Cinup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	N	Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc's :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :	Y	Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:	Y	Flag Cleanup Req'd:	Y
ASMT Lead :	Y	Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :	Y	Past Acres:	2.2
ASMT Pahs :	Y	Past Cml Acres:	
ASMT Pcb's :	Y	Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Voc's :		Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	12000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	09/30/2004	Redev Start Dt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Start Dt:	05/01/2004				Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflfp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.2975
Cleanup Drk Wat:					Longitude Measure:	-157.8632
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		Tax Map Keys: 2-1-015: parcel 35, 44, and 43				
Assess Fnd Ent Nm:						
Assess Fund Entity:		US EPA - TBA Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		R9 TBA - Hawaii (Pre-law Superfund TBA)				
Redev Funding Entity Name:						
Property Name:		Historic Ala Moana (Kaka'ako) Pumping Station				
Property Size:		2.2				
IC Data Address:						
IC in Place Date:						
Current Owner:		Hawaii Community Development Authority				
Address:		240 Keawe Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:		World Geodetic System of 1984				
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:		Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.				
Coop Agreement No:	n/a				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flag EC Eng Barrier:	
Awpc Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY08
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	672
Clnup Bldg Mats :					Low Income Pct:	29.8
Clnup Cadmium :					Median Income:	6017
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	135
Clnup Mercury :					Vacant Housing Pct:	9.21
Clnup Nickel :					Total Unemployed:	85
Clnup None :					Unemployed Pct:	3.77

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup of Structures:					Below Poverty:	232
Clnup oorair :					Below Poverty Pct:	10.29
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	

Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Asbestos
 Lead
 Other Metals
 PAHs
 PCBs
 Petroleum Products

Other Forms of Doc:

Highlights:

HCDA is currently seeking a developer who would be interested in redeveloping the property and preserving the historic pump house. (PPF - Kaka'ako Pump Station, 2/22/07) Former Use: Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.

Ctmnt Cleanedup:

Media Affected:

Ground Water
 Soil

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69597726	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	N	Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :	Y	Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:	Y	Flag Cleanup Reqd:	Y
ASMT Lead :	Y	Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :	Y	Past Acres:	2.2
ASMT Pahs :	Y	Past Cml Acres:	
ASMT Pcbs :	Y	Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Type:	Phase II Environmental Assessment				Redev Amount:	
Assess Amount:	13243.45				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	11/01/2007				Redev Start Dt:	
Assess Start Dt:	11/01/2007				Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.2975
Cleanup Drk Wat:					Longitude Measure:	-157.8632
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		Tax Map Keys: 2-1-015: parcel 35, 44, and 43				
Assess Fnd Ent Nm:		US EPA - Brownfields Assessment Cooperative Agreement				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:		Hawaii Department of Business, Economic Development, and Tourism				
Cleanup Fund Entity:		Hawaii Department of Business, Economic Development, and Tourism				
Grant Recipient Name:		Hawaii Department of Business, Economic Development, and Tourism				
Redev Funding Entity Name:		Hawaii Department of Business, Economic Development, and Tourism				
Property Name:		Historic Ala Moana (Kaka'ako) Pumping Station				
Property Size:		2.2				
IC Data Address:						
IC in Place Date:						
Current Owner:		Hawaii Community Development Authority				
Address:		240 Keawe Street				
City:		Honolulu				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:		World Geodetic System of 1984				
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:		Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.				
Coop Agreement No:	96915601				Env EC in Place:	
GPA Type ID:	2				Env EC Required:	
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	672
Clnup Bldg Mats :					Low Income Pct:	29.8
Clnup Cadmium :					Median Income:	6017
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	135

Clnup Mercury :					Vacant Housing Pct:	9.21
Clnup Nickel :					Total Unemployed:	85
Clnup None :					Unemployed Pct:	3.77
Clnup of Structures:					Below Poverty:	232
Clnup oorair :					Below Poverty Pct:	10.29
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	

Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Crmplt Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Asbestos
 Lead
 Other Metals
 PAHs
 PCBs
 Petroleum Products

Other Forms of Doc:
Highlights:

HCDA is currently seeking a developer who would be interested in redeveloping the property and preserving the historic pump house. (PPF - Kaka'ako Pump Station, 2/22/07) Former Use: Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.

Ctmnt Cleanedup:
Media Affected:

Ground Water
 Soil

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69597726	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	N	Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :	Y	Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:	Y	Flag Cleanup Reqd:	Y
ASMT Lead :	Y	Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	N
ASMT Oth Metal :	Y	Past Acres:	2.2
ASMT Pahs :	Y	Past Cml Acres:	
ASMT PcbS :	Y	Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :	Y				Future Res Acres:	
Assess Type:	Phase I Environmental Assessment				Redev Amount:	
Assess Amount:	4103.4				Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/01/2007				Redev Start Dt:	
Assess Start Dt:	05/01/2007				Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.2975
Cleanup Drk Wat:					Longitude Measure:	-157.8632
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:	Tax Map Keys: 2-1-015: parcel 35, 44, and 43					
Assess Fnd Ent Nm:	EPA					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:	Hawaii Department of Business, Economic Development, and Tourism					
Redev Funding Entity Name:						
Property Name:	Historic Ala Moana (Kaka'ako) Pumping Station					
Property Size:	2.2					
IC Data Address:						
IC in Place Date:						
Current Owner:	Hawaii Community Development Authority					
Address:	240 Keawe Street					
City:	Honolulu					
State Code:	HI					
Zip Code:	96813					
Horizontal Collection Method:						
Horizontal Reference Datum:	World Geodetic System of 1984					
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:	Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.					
Coop Agreement No:	96915601				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY07
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	672
Clnup Bldg Mats :					Low Income Pct:	29.8
Clnup Cadmium :					Median Income:	6017
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Clnup Cst Shr Amt:</i>					<i>Pro Code:</i>	BF
<i>Clnup Doc:</i>	N				<i>Pro Income Amt:</i>	
<i>Clnup Iron :</i>					<i>Vacant Housing:</i>	135
<i>Clnup Mercury :</i>					<i>Vacant Housing Pct:</i>	9.21
<i>Clnup Nickel :</i>					<i>Total Unemployed:</i>	85
<i>Clnup None :</i>					<i>Unemployed Pct:</i>	3.77
<i>Clnup of Structurs:</i>					<i>Below Poverty:</i>	232
<i>Clnup oorair :</i>					<i>Below Poverty Pct:</i>	10.29
<i>Clnup Pesticides :</i>					<i>Radius:</i>	.5
<i>Clnup Selenium :</i>					<i>Actvy Funded:</i>	
<i>Clnup Svocs :</i>					<i>Cost Share Amt:</i>	
<i>Clnup Unkn Media :</i>					<i>Rdctn of Cntmnts:</i>	
<i>Clnup Unknown :</i>					<i>Removal of Mats:</i>	
<i>Env Clnup Jobs:</i>					<i>Repayment Period:</i>	
<i>Env Pro Income Amt:</i>						
<i>Property Alias:</i>						
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>AA Amt Funding:</i>						
<i>Redev Fund Entity:</i>						
<i>Redev Lvrgd Srcls:</i>						
<i>Redev Cmpltn Date:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>IC Addl Info:</i>						
<i>Ctmnt Found:</i>		Asbestos				
		Lead				
		Other Metals				
		PAHs				
		PCBs				
		Petroleum Products				
<i>Other Forms of Doc:</i>						
<i>Highlights:</i>					HCDA is currently seeking a developer who would be interested in redeveloping the property and preserving the historic pump house. (PPF - Kaka'ako Pump Station, 2/22/07) Former Use: Former Kaka'ako Pump Station for sewage/wastewater disposal under the City and County of Honolulu / Bishop Estate, Territory of Hawaii, State of Hawaii. The property houses an historic sewage pump station that will be preserved in the redevelopment process.	
<i>Ctmnt Cleanedup:</i>						
<i>Media Affected:</i>						
		Ground Water				
		Soil				
<i>Ctmnt Rec:</i>						

151	4 of 4	SSE	0.41 / 2,140.18	3.28 / 0	Kakaako Pumping Station 240 Keawe St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 314
Island (Public iHEER): Oahu
Site Name (Public iHEER): Kakaako Pumping Station
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, Kakaako Pump Station
Street (Public iHEER): 240 Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 240 Keawe St, Honolulu, HI 96813
Program (Public iHEER): State
Status Name (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 1/11/2021 2:50:09 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 493
Tax Map Keys (Public iHEER): 121015035, 121015043, 121015044, 121015063

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 314
Island (PORTAL): Oahu
Site Name (PORTAL): Kakaako Pumping Station
Address (PORTAL): 240 Keawe St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 240 Keawe St, Honolulu, HI 96813
Program (PORTAL): State
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/314/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jun 24, 2008
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Document No: 8293
Imported From: 7777#\Heersharepoint1\facilitiesite%20documents\7777.pdf

iHEER System - Documents

Date : Jun 24, 2008
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Document No: 8295
Imported From: \facilitiesite documents\media7777\HRA0065 Dioxin.pdf

iHEER System - Documents

Date : Jun 24, 2008
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Document No: 8297
Imported From: \facilitiesite documents\media7777\HRB0076 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Document No: 8299
Imported From: \facilitiesite documents\media7777\HRA0076 Final Data Package.pdf

iHEER System - Documents

Date : Jun 24, 2008
Type: Undetermined
Title: Ala Moana Pump Station Phase II ESA/ PRAA Report
Document No: 8301
Imported From: \facilitiesite documents\media7777\HRA0076 Dioxin.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8303			
Imported From:			\facilitysite documents\media7777\HRA0130 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8294			
Imported From:			\facilitysite documents\media7777\HRB0007 Dioxins.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8296			
Imported From:			\facilitysite documents\media7777\HRA0065 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8298			
Imported From:			\facilitysite documents\media7777\HRA0113 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8300			
Imported From:			\facilitysite documents\media7777\HRB0007 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8302			
Imported From:			\facilitysite documents\media7777\HRB0055 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2008			
Type:			Undetermined			
Title:			Ala Moana Pump Station Phase II ESA/ PRAA Report			
Document No:			8304			
Imported From:			\facilitysite documents\media7777\HRB0047 Final Data Package.pdf			
<u>iHEER System - Documents</u>						
Date :						
Type:			Undetermined			
Title:			Better Quality : APPENDIX A Aerial Photographs (1971, 1988, 1995)			
Document No:			183000			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 20, 2004
Type: Undetermined
Title: Brownfields Site Assessment for Kakaako Pump Station
Document No: 32115
Imported From: 2004-279#Q:\2004 Final Correspondence (Day File)\04-279-DB.pdf

iHEER System - Documents

Date : Jan 18, 2005
Type: Undetermined
Title: Closeout letter for Kakaako Pump Station Brownfields Phase I Targeted Site Assessment
Document No: 32107
Imported From: 2005-040#Q:\2005 Final Correspondence (Day File)\05-040-DB.pdf

iHEER System - Documents

Date : Aug 3, 2004
Type: Undetermined
Title: Department of Health Brownfields Targeted Site Assessment Program Phase I ESA for the Historic Pump Station Parcel, Kakaako, Oahu
Document No: 32122
Imported From: 1689#\Heersharepoint1\facilitysite%20documents\1689.pdf

iHEER System - Documents

Date : Sep 22, 2006
Type: Undetermined
Title: Determination of Brownfields Grant Eligibility for the Kakaako Pump Station (Ref. No P-11486)
Document No: 32108
Imported From: 2006-595#Q:\2006 Final Correspondence (Day File)\06-595-DB.pdf

iHEER System - Documents

Date : Oct 1, 2007
Type: Undetermined
Title: Draft Phase II ESA and Analysis Plan, Historic Ala Moana Pumping Station (aka Kakaako Pumping Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Document No: 32114
Imported From: 38453#\Heersharepoint1\facilitysite%20documents\38453.pdf

iHEER System - Documents

Date : Aug 1, 2007
Type: Undetermined
Title: Draft Phase II ESA SAP, Historic Ala Moana Pumping Station (aka the Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Document No: 32109
Imported From: 38452#\Heersharepoint1\facilitysite%20documents\38452.pdf

iHEER System - Documents

Date : Jun 1, 2009
Type: Environmental Hazard Management Plan
Title: EHMP Kakaako Makai District
Document No: 32125
Imported From: 60428#\Heersharepoint1\facilitysite%20documents\60428.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 30, 2007
Type: Undetermined
Title: Final SAP, Ala Moana Pump Station
Document No: 15234
Imported From: 7019#\Heersharepoint1\facilitsite%20documents\7019.pdf

iHEER System - Documents

Date : Nov 19, 2007
Type: Undetermined
Title: Hawaii Brownfields Cleanup Revolving Loan Fund Pilot, Cooperative Agreement BL-97943301-0, Quarterly Progress Report for Jul-Sep 2007
Document No: 9682
Imported From: 6986#\Heersharepoint1\facilitsite%20documents\6986.pdf

iHEER System - Documents

Date : Apr 9, 2007
Type: Undetermined
Title: Historic Ala Moana Pump Station Phase 1
Document No: 32118
Imported From: 125929#\Heersharepoint1\facilitsite%20documents\125929.pdf

iHEER System - Documents

Date : Jul 1, 2007
Type: Undetermined
Title: Historic Ala Moana Pumping Station (aka the Kakaako Pump Station)
Document No: 14701
Imported From: 6536#\Heersharepoint1\facilitsite%20documents\6536.pdf

iHEER System - Documents

Date : Mar 31, 2007
Type: Undetermined
Title: Phase I ESA Historic Ala Moana Pumping Station (aka the Kakaako Pump Station) 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043 and 044
Document No: 32119
Imported From: 38456#\Heersharepoint1\facilitsite%20documents\38456.pdf

iHEER System - Documents

Date : Sep 30, 2004
Type: Undetermined
Title: Phase I ESA, Kakaako Pump Station, 240 Keawe St, Honolulu HI 96813. Sep 2004
Document No: 32123
Imported From: 38450#\Heersharepoint1\facilitsite%20documents\38450.pdf

iHEER System - Documents

Date : Jun 1, 2008
Type: Undetermined
Title: Phase II ESA and Preliminary RAA Report, Historic Ala Moana Pumping Station (aka Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-035, 043, and 044
Document No: 32111
Imported From: 38457#\Heersharepoint1\facilitsite%20documents\38457.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Nov 1, 2007
Type: Undetermined
Title: Phase II ESA SAP, Historic Ala Moana Pumping Station (aka the Ala Moana Pumping Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-Parcels 035, 043, and 044 32112
Document No: 32112
Imported From: 38454#\Heersharepoint1\facilitiesite%20documents\38454.pdf

iHEER System - Documents

Date : Oct 17, 2007
Type: Undetermined
Title: Response Letter, Draft Phase II ESA and Analysis Plan, Historic Ala Moana Pumping Station (aka Kakaako Pumping Station)
Document No: 8793
Imported From: 6867#\Heersharepoint1\facilitiesite%20documents\6867.pdf

iHEER System - Documents

Date : Feb 20, 2008
Type: Undetermined
Title: Response to Comments Letter, Phase II ESA SAP, Ala Moana Pumping Station, BF Grant BF-96915601-2
Document No: 32116
Imported From: 7281#\Heersharepoint1\facilitiesite%20documents\7281.pdf

iHEER System - Documents

Date : Oct 11, 2007
Type: Undetermined
Title: Review comments for Phase II ESA and Analyses Plan for Historic Ala Moana Pumping Station
Document No: 32110
Imported From: 2007-721#Q:\2007 Final Correspondence (Day File)\07-721-MGC.pdf

iHEER System - Documents

Date : May 3, 2007
Type: Undetermined
Title: Review of Phase I ESA of the Historic Ala Moana Pumping Station
Document No: 32117
Imported From: 125930#\Heersharepoint1\facilitiesite%20documents\125930.pdf

iHEER System - Documents

Date : May 20, 2011
Type: Review Letter
Title: Review of the Environmental Sampling Report and Request for Approval of the Construction Specification for Ala Moana Waste Water Pump Station Force Main #3
Document No: 32124
Imported From: 11-275-MGC.pdf

iHEER System - Documents

Date : May 1, 2007
Type: Undetermined
Title: Revised Phase I ESA Historic Ala Moana Pumping Station (aka the Kakaako Pump Station), 240 Keawe St, Honolulu HI, TMK 1-2-1-015-Parcels 035, 043, and 044 32113
Document No: 32113
Imported From: 38451#\Heersharepoint1\facilitiesite%20documents\38451.pdf

iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Site Maps				
Document No:		32120				
Imported From:		125931#\Heersharepoint1\facilitiesite%20documents\125931.pdf				

Locations Details

Locations ID: 3324
Location Type: SC
Description: Kakaako Pump Station
Comment :
Centroid: POINT (-157.863018 21.29805600000001)
Geometry:

POINT (-157.863018 21.29805600000001)

Details

Centroid: POINT (-157.863018 21.29805600000001)
Updated On: 1/11/2021 2:50:09 PM
Coordinates: 21.29805600000001,-157.863018

152	1 of 1	ESE	0.41 / 2,149.01	3.28 / 0	POHULANI ELDERLY PROJECT 677 QUEEN ST Honolulu HI 96813	LUST
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Facility ID: 9-101396
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 910006
Status Date: 8/24/1999 **Project Officer:** Eric Sadoyama

153	1 of 1	WSW	0.41 / 2,177.84	3.28 / 0	Tajiri Demolition & Disposal 1015 Puuwai Street Honolulu HI	SWF/LF
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Permit No: TF-0021-22 **TMK:** 150411190000
Status: **Type:**
Facility Type: Active Permitted Transfer Station **Island:** Oahu
Materials: c&d

154	1 of 1	NE	0.41 / 2,181.14	19.69 / 16	TENNEY'S BISHOP UNION 169 S BERETANIA ST Honolulu HI 96813	LUST
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Facility ID: 9-100015
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 910092
Status Date: 3/8/1995 **Project Officer:** Roger Brewer

155	1 of 1	WSW	0.42 / 2,199.02	3.28 / 0	TOWCO 16-1 SAND ISLAND PARKWAY	SEMS ARCHIVE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**ROAD
HONOLULU HI 96819**

Site ID:	0904530	FIPS Code:	15003
EPA ID:	HID984468645	Cong District:	01
Superfund Alte Agr:	No	Region:	09
Federal Facility:	No	County:	HONOLULU
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	Qual:	
Action Code:	VS	SEQ:	1
Action Name:	ARCH SITE	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	10/15/1992	Region:	09
Curr Action Lead:	EPA Perf In-Hse		

Operable Units:	00	Qual:	
Action Code:	DS	SEQ:	1
Action Name:	DISCVRY	FF:	N
Start Actual:	07/23/1992	FF Docket:	N
Finish Actual:	07/23/1992	Region:	09
Curr Action Lead:	EPA Perf		

Operable Units:	00	Qual:	N
Action Code:	PA	SEQ:	1
Action Name:	PA	FF:	N
Start Actual:		FF Docket:	N
Finish Actual:	10/15/1992	Region:	09
Curr Action Lead:	St Perf		

156	1 of 2	ESE	0.42 / 2,240.36	6.56 / 3	Parcel 003 801 South St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER):	960
Site Name (Public iHEER):	Parcel 003
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, The Honolulu Advertiser (Hawaii Newspaper Agency), The Honolulu Advertiser (Hawaii Newspaper Agency) Parcel 003
Street (Public iHEER):	801 South St
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96813
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	NFAIC
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	8/2/2019 4:05:49 PM
Ms Access ID (Public iHEER):	2434
Suppl Loc (Public iHEER):	801 South Street
Tax Map Keys (Public iHEER):	121047003
iHEER ID (Non Public iHEER):	
Site Name (Non Public iHEER):	
Address (Non Public iHEER):	
City State Zip (Non Public):	
Suppl Loc Text(Non Public):	
iHEER ID (PORTAL):	960
Site Name (PORTAL):	Parcel 003
Loc Desc (PORTAL):	801 South Street
Address (PORTAL):	801 South St Honolulu, HI 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/960/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jun 25, 2014
Document No: 152427
Type: Comment Letter
Title: Comment letter for the Completion Report and EHMP Parcel 003 Former Honolulu Advertiser Property
Imported From: 2014-316#Q:\2014 Final Correspondence (Day File)\14-316-CMM.pdf

iHEER System - Documents

Date : Jan 30, 2014
Document No: 152436
Type: Comment Letter
Title: Comment letter for the Scope of Work - Soil Vapor and Groundwater Assessment at the Former Honolulu Advertiser, 801 South St, Honolulu HI
Imported From: 2014-054#Q:\2014 Final Correspondence (Day File)\14-054-CMM.pdf

iHEER System - Documents

Date : Jun 2, 2014
Document No: 152437
Type: Undetermined
Title: Completion Report and EHMP Parcel 003 Former Honolulu Advertiser Property
Imported From: 110045#\Heersharepoint1\facilitiesite%20documents\110045.pdf

iHEER System - Documents

Date : May 16, 2013
Document No: 152432
Type: Concurrence Letter
Title: Concurrence letter to the Revised Environmental Management Work Plan, Former Honolulu Advertiser Property
Imported From: 605 Kapiolani Blvd & 610 Kawaiaho St, Honolulu HI 96813
2013-279#Q:\2013 Final Correspondence (Day File)\13-279-CMM.pdf

iHEER System - Documents

Date : Jan 22, 2014
Document No: 152434
Type: Undetermined
Title: Email and Sample Locations
Imported From: 120001#\Heersharepoint1\facilitiesite%20documents\120001.pdf

iHEER System - Documents

Date : Mar 27, 2014
Document No: 152431
Type: Undetermined
Title: Environmental Management Completion Report Parcel 003, Former Honolulu Advertiser Property, 605 Kapiolani Blvd & 801 South St, Honolulu HI 96813
Imported From: 109262#\Heersharepoint1\facilitiesite%20documents\109262.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2013			
Document No:			152426			
Type:			Undetermined			
Title:			Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI 96813, TMK 1-2-1-047-004 & 003			
Imported From:			\\facilitysite documents\media103616\113010 Work Plan_Final.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 12, 2014			
Document No:			152425			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action with Institutional and Engineering Controls Determination, Jul 14, 2014			
Imported From:			110539#\Heersharepoint1\facilitysite%20documents\110539.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 14, 2014			
Document No:			152424			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Rescinded - NFA letter based on review of Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu Hawaii by ESI			
Imported From:			2014-351#Q:\2014 Final Correspondence (Day File)\14-351-CMM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2014			
Document No:			152433			
Type:			Undetermined			
Title:			Response to DOH Review of the Completion Report and EHMP, Parcel 003, 801 South St, Honolulu HI by ESI			
Imported From:			110282#\Heersharepoint1\facilitysite%20documents\110282.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 26, 2014			
Document No:			14031			
Type:			Environmental Hazard Management Plan			
Title:			Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu HI by ESI			
Imported From:			110283#\Heersharepoint1\facilitysite%20documents\110283.pdf			
<u>iHEER System - Documents</u>						
Date :			May 16, 2013			
Document No:			152428			
Type:			Undetermined			
Title:			Revised Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiahao St (TMK 1-2-1-047-004 & 003) Honolulu HI 96813			
Imported From:			104792#\Heersharepoint1\facilitysite%20documents\104792.pdf			
<u>iHEER System - Documents</u>						
Date :			May 16, 2013			
Document No:			152429			
Type:			Undetermined			
Title:			Revised Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI 96813			
Imported From:			104793#\Heersharepoint1\facilitysite%20documents\104793.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 20, 2014
Document No: 152430
Type: No Further Action Determination w/ ICs Letter
Title: Revised NFA letter based on review of Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu Hawaii by ESI
Imported From: 2014-400#Q:\2014 Final Correspondence (Day File)\14-400-CMM.pdf

iHEER System - Documents

Date : Jan 28, 2014
Document No: 152435
Type: Undetermined
Title: Scope of Work - Soil Vapor and Groundwater Assessment at the Former Honolulu Advertiser, 801 South St, Honolulu HI
Imported From: 108785#\Heersharepoint1\facilitiesite%20documents\108785.pdf

iHEER System - Locations Details

Locations ID: 3498
Location Type: SC
Description: TMK 121047003
Comment : Google Maps and TMK 121047003
Centroid: POINT (-157.856581 21.302593000000009)
Geometry:

POINT (-157.856581 21.302593000000009)

iHEER System - Locations Details

Locations ID: 6536
Location Type: EHMP
Description: EHMP Parcel 003
Comment : Google Maps and Doc 14031
Centroid: POINT (-157.85608265048882 21.302726966095548)
Geometry:

POLYGON ((-157.85667487731558 21.3020656042011, -157.85595872750713 21.30230550373156, -157.8559372698362 21.302250526789727, -157.85512456050412 21.302530409185231, -157.855510317417 21.303455016879592, -157.85705843320235 21.302837779415555, -157.856701699402 21.302053109423241, -157.85667487731558 21.3020656042011))

Site Details

Centroid: POINT (-157.856581 21.302593000000009)
Updated On: 8/2/2019 4:05:49 PM
Coordinates: 21.302593000000009,-157.856581

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: The Honolulu Advertiser (Hawaii Newspaper Agency) Parcel 003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: The Honolulu Advertiser (Hawaii Newspaper Agency)

156	2 of 2	ESE	0.42 / 2,240.36	6.56 / 3	Parcel 003 801 South St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 960
Island (Public iHEER): Oahu
Site Name (Public iHEER): Parcel 003
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, The Honolulu Advertiser (Hawaii Newspaper Agency), The Honolulu Advertiser (Hawaii Newspaper Agency) Parcel 003
Street (Public iHEER): 801 South St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 801 South Street
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 8/2/2019 4:05:49 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 2434
Tax Map Keys (Public iHEER): 121047003
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 960
Island (PORTAL): Oahu
Site Name (PORTAL): Parcel 003
Address (PORTAL): 801 South St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 801 South Street
Program (PORTAL): State
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/960/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jun 25, 2014
Type: Comment Letter
Title: Comment letter for the Completion Report and EHMP Parcel 003 Former Honolulu Advertiser Property
Document No: 152427
Imported From: 2014-316#Q:\2014 Final Correspondence (Day File)\14-316-CMM.pdf

iHEER System - Documents

Date : Jan 30, 2014
Type: Comment Letter
Title: Comment letter for the Scope of Work - Soil Vapor and Groundwater Assessment at the Former Honolulu Advertiser, 801 South St, Honolulu HI
Document No: 152436
Imported From: 2014-054#Q:\2014 Final Correspondence (Day File)\14-054-CMM.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 2, 2014
Type: Undetermined
Title: Completion Report and EHMP Parcel 003 Former Honolulu Advertiser Property
Document No: 152437
Imported From: 110045#\Heersharepoint1\facilitsite%20documents\110045.pdf

iHEER System - Documents

Date : May 16, 2013
Type: Concurrence Letter
Title: Concurrence letter to the Revised Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiaho St, Honolulu HI 96813
Document No: 152432
Imported From: 2013-279#Q:\2013 Final Correspondence (Day File)\13-279-CMM.pdf

iHEER System - Documents

Date : Jan 22, 2014
Type: Undetermined
Title: Email and Sample Locations
Document No: 152434
Imported From: 120001#\Heersharepoint1\facilitsite%20documents\120001.pdf

iHEER System - Documents

Date : Mar 27, 2014
Type: Undetermined
Title: Environmental Management Completion Report Parcel 003, Former Honolulu Advertiser Property, 605 Kapiolani Blvd & 801 South St, Honolulu HI 96813
Document No: 152431
Imported From: 109262#\Heersharepoint1\facilitsite%20documents\109262.pdf

iHEER System - Documents

Date : Apr 11, 2013
Type: Undetermined
Title: Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiaho St, Honolulu HI 96813, TMK 1-2-1-047-004 & 003
Document No: 152426
Imported From: \facilitsite documents\media103616\113010 Work Plan_Final.pdf

iHEER System - Documents

Date : Aug 12, 2014
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action with Institutional and Engineering Controls Determination, Jul 14, 2014
Document No: 152425
Imported From: 110539#\Heersharepoint1\facilitsite%20documents\110539.pdf

iHEER System - Documents

Date : Jul 14, 2014
Type: No Further Action Determination w/ ICs Letter
Title: Rescinded - NFA letter based on review of Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu Hawaii by ESI
Document No: 152424
Imported From: 2014-351#Q:\2014 Final Correspondence (Day File)\14-351-CMM.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jun 30, 2014			
Type:			Undetermined			
Title:			Response to DOH Review of the Completion Report and EHMP, Parcel 003, 801 South St, Honolulu HI by ESI			
Document No:			152433			
Imported From:			110282#\Heersharepoint1\facilitsite%20documents\110282.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 26, 2014			
Type:			Environmental Hazard Management Plan			
Title:			Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu HI by ESI			
Document No:			14031			
Imported From:			110283#\Heersharepoint1\facilitsite%20documents\110283.pdf			
<u>iHEER System - Documents</u>						
Date :			May 16, 2013			
Type:			Undetermined			
Title:			Revised Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiahao St (TMK 1-2-1-047-004 & 003) Honolulu HI 96813			
Document No:			152428			
Imported From:			104792#\Heersharepoint1\facilitsite%20documents\104792.pdf			
<u>iHEER System - Documents</u>						
Date :			May 16, 2013			
Type:			Undetermined			
Title:			Revised Environmental Management Work Plan, Former Honolulu Advertiser Property 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI 96813			
Document No:			152429			
Imported From:			104793#\Heersharepoint1\facilitsite%20documents\104793.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 20, 2014			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Revised NFA letter based on review of Revised Completion Report and EHMP, Parcel 003, 801 South St, Honolulu Hawaii by ESI			
Document No:			152430			
Imported From:			2014-400#Q:\2014 Final Correspondence (Day File)\14-400-CMM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2014			
Type:			Undetermined			
Title:			Scope of Work - Soil Vapor and Groundwater Assessment at the Former Honolulu Advertiser, 801 South St, Honolulu HI			
Document No:			152435			
Imported From:			108785#\Heersharepoint1\facilitsite%20documents\108785.pdf			
<u>Locations Details</u>						
Locations ID:			3498			
Location Type:			SC			
Description:			TMK 121047003			
Comment :			Google Maps and TMK 121047003			
Centroid:			POINT (-157.856581 21.302593000000009)			
Geometry:			POINT (-157.856581 21.302593000000009)			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 6536
Location Type: EHMP
Description: EHMP Parcel 003
Comment : Google Maps and Doc 14031
Centroid: POINT (-157.85608265048882 21.302726966095548)
Geometry:

POLYGON ((-157.85667487731558 21.3020656042011, -157.85595872750713 21.30230550373156, -157.8559372698362 21.302250526789727, -157.85512456050412 21.302530409185231, -157.855510317417 21.303455016879592, -157.85705843320235 21.302837779415555, -157.856701699402 21.302053109423241, -157.85667487731558 21.3020656042011))

Details

Centroid: POINT (-157.856581 21.302593000000009)
Updated On: 8/2/2019 4:05:49 PM
Coordinates: 21.302593000000009,-157.856581

157	1 of 1	NW	0.43 / 2,249.51	0.00 / -3	ALOHA PETROLEUM, LTD - HONOLULU TERMINAL	PFAS IND
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HONOLULU HI

Status: Active Fac Indian Cntry Flg: N Fac Derived Huc: 20060000 Fac Derived Wbd: - Fac Derived Cd113: 01 Fac Derived Cb2010: 150030057001030 Fac Informal Count: 0 Last Informal Action: 5/30/2012 Formal Action Count: 0 Last Formal Action: 9/29/2015 Fac Total Penalties: 0 Fac Penalty Count: - Date Last Penalty: 9/29/2015 Last Penalty Amt: 1000 Fac Qtrs With Nc: 9 Programs With Snc: 0 Fac Percent Minority: 86.934 Fac Pop Den: 10417.24 Count: 1 Fac County: HONOLULU State Other : Region: 09 Latitude: 21.31032 Longitude: -157.86955 Fac Derived Tribes: - AIR IDs: HI0000001500300508 CAA Permit Types: Major Emissions CAA NAICS: 424710 CAA SICS: 5171 NPDES IDs: HIF000536 HIF000614 HIF001292 HIF001548 HIF006014 HIF008387 HIF009667 HIF011471 HIF013587 CWA Permit Types: Minor CWA NAICS: - CWA SICS: 9999 RCRA IDs: HID000631655 RCRA Permit Types: SQG RCRA NAICS: 42471 SDWA IDs: - SDWA System Types: - SDWA Compliance Status: - SDWA Snc Flag: N Fac Collection Meth: ADDRESS MATCHING-HOUSE NUMBER EJSCREEN Flag Us: Y EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-157.86955,%22y%22:21.31032,%22spatialReference%22:%7B%22wkid%22:4326%7D%	Fac Fips Code: 15003 Compliance Status: No Violation Identified EPA Programs: CAA; CWA; RCRA Federal Facility: No Federal Agency: - Fac Snc Flg: N AIR Flag: Y NPDES Flag: Y SDWIS Flag: N RCRAFlag: Y TRI Flag: Y GHG Flag: N TRI IDs: 96817QLNHN789NN TRI Releases Trnsfrs: 1426 TRI on Site Releases: 1426 TRI off Site Trnsfrs: 0 TRI Reporter: Y Fac Imp Water Flg: - Fac Major Flag: Y Fac Active Flag: Y Fac Inspection Count: 5 Date Last Inspection: 9/20/2022 Days Last Inspection: 284
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ECHO Facility Report:		7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 https://echo.epa.gov/detailed-facility-report?fid=110000486475				
Industry:		Petroleum				

[158](#) 1 of 1 S 0.43 / 3.28 / 2,261.96 0 Verizon Hawaii 207 KEAWE ST Honolulu HI 96813 LUST

Facility ID: 9-100496
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 970065
Status Date: 9/25/1998 **Project Officer:** Jeffrey Ung

[159](#) 1 of 1 NNE 0.43 / 19.69 / 2,266.40 16 DOWNTOWN CHEVRON 17 S BERETANIA ST Honolulu HI 96813 LUST

Facility ID: 9-101100
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA) **Event ID:** 910002
Status Date: 12/2/1992 **Project Officer:** Sheila Mackenzie

[160](#) 1 of 1 NE 0.43 / 22.97 / 2,268.61 20 Capitol Place Development Project 1212 Queen Emma St Honolulu HI 96813 SHWS

iHEER ID (Public iHEER): 1422
Site Name (Public iHEER): Capitol Place Development Project
Aliases (Public iHEER):
Street (Public iHEER): 1212 Queen Emma St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 127
Suppl Loc (Public iHEER): 1212 Queen Emma St
Tax Map Keys (Public iHEER): 121009018
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1422
Site Name (PORTAL): Capitol Place Development Project
Loc Desc (PORTAL): 1212 Queen Emma St
Address (PORTAL): 1212 Queen Emma St
Honolulu, HI 96813
County (PORTAL): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1422/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Nov 3, 2004				
Document No:		5636				
Type:		Undetermined				
Title:		Comments on Work Plan for Site work at 1212 Queen Emma St				
Imported From:		2004-460#Q:\2004 Final Correspondence (Day File)\04-460-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 3, 2004				
Document No:		5635				
Type:		Undetermined				
Title:		Comments on Work Plan for Site work at 1212 Queen Emma St				
Imported From:		51307#\Heersharepoint1\facilitiesite%20documents\51307.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2005				
Document No:		5641				
Type:		Undetermined				
Title:		Delineation Assessment, Capitol Place Development Project, 1212 Queen Emma St, Honolulu HI 968131				
Imported From:		3310#\Heersharepoint1\facilitiesite%20documents\3310.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2005				
Document No:		5642				
Type:		Undetermined				
Title:		Delineation Assessment, Capitol Place Development Project, 1212 Queen Emma St, Honolulu HI, TMK 1-2-1-009-018				
Imported From:		36602#\Heersharepoint1\facilitiesite%20documents\36602.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 13, 2004				
Document No:		5634				
Type:		Undetermined				
Title:		Limited Phase II ESA Block J Redevelopment Project, TMK 1-2-1-009-018, Honolulu HI				
Imported From:		\facilitiesite documents\media36600\36600.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 13, 2004				
Document No:		5633				
Type:		Undetermined				
Title:		Limited Phase II ESA Block J Redevelopment Project, TMK 1-2-1-009-018, Honolulu HI				
Imported From:		36600#\Heersharepoint1\facilitiesite%20documents\36600.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 22, 2005				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			5640			
Type:			Undetermined			
Title:			National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI) for General Permit Coverage Discharges of Storm Water Associated with Construction Activities Capitol Place Honolulu, Oahu HI			
Imported From:			111036#\Heersharepoint1\facilitiesite%20documents\111036.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 15, 2005			
Document No:			5637			
Type:			No Further Action Determination Letter			
Title:			NFA letter for Capitol Development Project 1212 Queen Emma St			
Imported From:			2005-583#Q:\2005 Final Correspondence (Day File)\05-583-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 13, 1999			
Document No:			5639			
Type:			Undetermined			
Title:			Phase I ESA Block J Redevelopment Project, TMK 1-2-1-009-018, Honolulu HI			
Imported From:			36598#\Heersharepoint1\facilitiesite%20documents\36598.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 22, 2003			
Document No:			5643			
Type:			Undetermined			
Title:			Phase I ESA Emma Substation 1234 Emma Lane, Honolulu HI Contract Number: MSTR-JW-00-02			
Imported From:			36601#\Heersharepoint1\facilitiesite%20documents\36601.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2003			
Document No:			5644			
Type:			Undetermined			
Title:			Phase II Subsurface Investigation and Soil Removal Activities Former Emma Substation, Honolulu HI, TMK 1-2-1-009-011			
Imported From:			36599#\Heersharepoint1\facilitiesite%20documents\36599.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 20, 2004			
Document No:			19525			
Type:			Undetermined			
Title:			Work Plan for Delineation Assessment at the Capitol Place Development Project, 1212 Queen Emma St, Honolulu HI, TMK 1-2-1-009-018			
Imported From:			2123#\Heersharepoint1\facilitiesite%20documents\2123.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 20, 2004			
Document No:			5638			
Type:			Undetermined			
Title:			Work Plan, Delineation Assessment, Capitol Place Development Project, 1212 Queen Emma St, Honolulu HI, TMK 1-2-1-009-018			
Imported From:			36597#\Heersharepoint1\facilitiesite%20documents\36597.pdf			
<u>iHEER System - Locations Details</u>						
Locations ID:			834			
Location Type:			SC			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description:
Comment : Google Earth
Centroid: POINT (-157.857954 21.310868000000006)
Geometry:

POINT (-157.857954 21.310868000000006)

Site Details

Centroid: POINT (-157.857954 21.310868000000006)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.310868000000006,-157.857954

161	1 of 1	E	0.43 / 2,273.54	13.12 / 10	KALANIMOKU BLDG TMK 2-1-24:01 1151 PUNCHBOWL ST Honolulu HI 96800	LUST
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Facility ID: 9-102691
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	000093
Status Date:	9/5/2000	Project Officer:	Richard Takaba

162	1 of 1	NNW	0.43 / 2,286.18	3.28 / 0	Sause Brothers Alakea St Honolulu HI 96817	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110013778778	Project Manager:	Anna Fernandez
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc Zip Suffix:	
Priority:	Low	Latitude:	21.311971
Engineer Control:		Longitude:	-157.867599
Institutional Control:			
Supplemental Location:	Honolulu Harbor Pier 20		
Within Design. Area Contam.:	Honolulu Harbor Iwilei Unit		
SDAR Enviro Interest Name:	Sause Brothers		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Subsurface petroleum contamination in soil and groundwater.		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:			
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Yes
Latitude: 21.311971
Longitude: -157.867599
Comments: XTRA_ADD: PrimaryTemp
Contact Information:

Coordinate for Mapping: Additional coordinates.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Latitude: 21.31247
 Longitude: -157.86777
 Comments:
 Contact Information:

Coordinate for Mapping: Additional coordinates.
 Latitude: 21.338952
 Longitude: -157.843605
 Comments:
 Contact Information:

TMK Information

TMK: 115039063
 Acres from TMK: 115039063
 Description of Portion: Plotted in ArcGIS and compared to oahtmkwithowner basemap load date 12/23/05
 Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	2644	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	834	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	Alakea St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	1148	Incident ID:	
Location Type:	SC	Description:	
Comment:	EPO; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;		
Geometry:	POINT (-157.868 21.312)		
Centroid:	POINT (-157.868 21.312)		

163	1 of 1	S	0.44 / 2,323.41	3.28 / 0	Kaka'ako Makai Parcel L 200 Keawe St HONOLULU HI 96814
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FED BROWNFIELDS

Property ID: 220144
 Property Name: Kaka'ako Makai Parcel L
 Address: 200 Keawe St
 City: HONOLULU
 State Code: HI
 Zip Code: 96814
 Lat Measure: 21.2958272
 Long Measure: -157.86617230000002
 Primary Name (Map): KAKA'AKO MAKAI PARCEL L
 Location Address (Map): 200 KEAWE ST
 City Name (Map): HONOLULU
 County Name (Map): HONOLULU COUNTY
 State Code (Map): HI
 Postal Code (Map): 96814
 Latitude (Map): 21.2958272

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Longitude (Map): -157.8661723
 Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070247571	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA El He:		BF IC Ep I:	U
RCRA El Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF El Gm C:		FD SF NPL :	
SF El He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	KAKA'AKO MAKAI PARCEL L		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:32939		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22220144.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8661723%2C21.2958272&featype=point&radius=1.0		
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8661723%2C21.2958272&featype=point&radius=1.0		
ERR Lat Lo:		UST Status:	
LUST ID:		UST Substa:	
SAA Site:		UST SPA Fa:	
UST Landus:		UST SPA Wa:	
UST Closed:		UST WHPA F:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
				UST WHPA W:		
UST Open:						
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Kaka'ako Makai Parcel L				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SGW				
REPOW RCRA:						
REPOW Re 1:		RE-Powering Site Profile				
REPOW Ref1:		32939				
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69601445	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pabs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	Y	Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:	Y	Flag Cleanup Reqd:	U
ASMT Lead :	Y	Flag IC in Place:	
ASMT Oth Cont:	Y	Flag IC Required:	U
ASMT Oth Metal :	Y	Past Acres:	1
ASMT Pabs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	51789	Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:	06/01/2015	Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.2958272
Cleanup Drk Wat:		Longitude Measure:	-157.86617230000002
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-015:051		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Office of Hawaiian Affairs		
Redev Funding Entity Name:			
Property Name:	Kaka'ako Makai Parcel L		
Property Size:	5.2		
IC Data Address:			
IC in Place Date:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Current Owner:		Office of Hawaiian Affairs				
Address:		200 Keawe St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96814				
Horizontal Collection Method:		Address Matching-House Number				
Horizontal Reference Datum:		North American Datum of 1983				
Reference Point:		Entrance Point of a Facility or Station				
Other Description:		dioxin				
Other Desc Cleaned Up:						
Desc Hist:		Parcel L was one of the last areas in Kaka'ako Makai to be filled. It was filled in and created in the 1960s. A warehouse was constructed in 1963. The parcel was initially used as a container freight station that supported operations in Honolulu Harbor. A Phase I assessment was performed for the Kaka'ako Makai area at multiple parcels including the Property, and identified the following recognized environmental condition: It is likely that ash from the former incinerators is present at the site that might contain lead and dioxins.				
Coop Agreement No:	99T02101				Env EC in Place:	
GPA Type ID:	2				Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	N				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :	Y				Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :	Y				Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :	Y				RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	618
Clnup Bldg Mats :					Low Income Pct:	38.6
Clnup Cadmium :					Median Income:	6123
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	94
Clnup Mercury :					Vacant Housing Pct:	8.66
Clnup Nickel :					Total Unemployed:	61
Clnup None :					Unemployed Pct:	3.81
Clnup of Structurs:					Below Poverty:	216
Clnup oorair :					Below Poverty Pct:	13.49
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase II				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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IC Addl Info:
Ctmnt Found:

Lead
Other Contaminants
Other Metals

Other Forms of Doc:
Highlights:

Health, Welfare, and Environment The area between downtown Honolulu and Waikiki, known today as Kaka'ako Makai, sits within two historic sea fisheries, called Kukulu'a'eo and Ka'akaukukui, which historically consisted of reef and mud flats that were submerged at high tide. At the end of the 19th century, the government began filling the submerged land to create Kaka'ako Makai as we know it today. In the early 1900s, fill material consisted mostly of raw trash and ash from open-pit trash burning. After 1930, incinerator ash was the primary fill material. By the late 1960s, the incinerator ash and other fill materials had created over 60 acres of fast land in the former Kukulu'a'eo and Ka'akaukukui fisheries Since the 1960s, the state primarily used Kaka'ako Makai for government baseyards, warehouses, and buildings, and leased some of the waterfront parcels for industrial fishing operations like fueling stations, boatyards, ice houses, and fish auctions. "Makai" in the Hawaiian language means "toward the sea;" Kaka'ako Makai refers to the portion of Kaka'ako seaward of Ala Moana Blvd. Kaka'ako Makai is part of the larger approximately 600-acre Kaka'ako area that historically included small tenements of primarily Native Hawaiian and immigrant laborers mauka (inland) of Ala Moana Blvd. Today, about 20 land parcels comprise Kaka'ako Makai's approximately 60 acres. It is the gateway to some of the best ocean recreation in urban Honolulu, including body boarding, surfing, and diving, and the remediated 30-acre Kaka'ako Waterfront Park attracts thousands of residents and tourists to the area each year for picnicking, parties, and playing in the sun. Despite these excellent outdoor recreational opportunities, the lots immediately adjacent to the Kaka'ako Waterfront Park and beach accesses- approximately 30 acres of Kaka'ako Makai- remain blighted with decaying buildings and empty lots, and many homeless have established tents along the roads and in the open lots. The target community, including Kaka'ako residents and the larger Honolulu community, includes a significant percentage of sensitive populations, including elderly over the age of 65 and children under the age of 17, who are especially susceptible to the effects of the known hazardous substances in the soil and groundwater in Kaka'ako Makai. Financial Need Particularly in the last five years, Honolulu County, including Kaka'ako Makai, has been heavily hit by the economic downturn. With an economy that is heavily reliant on tourism, Hawai'i has borne the brunt of the recession over the last few years. OHA has felt the negative impacts as well, with its trust fund losing over \$5.8 million in fiscal year ended June 30, 2012. The presence of brownfields in Kaka'ako Makai contributes to the depressed economy by preventing development of safe recreational, shopping, and dining opportunities in a prime waterfront location between downtown Honolulu and Waikiki. Former Use: Parcel L was one of the last areas in Kaka'ako Makai to be filled. It was filled in and created in the 1960s. A warehouse was constructed in 1963. The parcel was initially used as a container freight station that supported operations in Honolulu Harbor. A Phase I assessment was performed for the Kaka'ako Makai area at multiple parcels including the Property, and identified the following recognized environmental condition: It is likely that ash from the former incinerators is present at the site that might contain lead and dioxins.

Ctmnt Cleanedup:
Media Affected:

Ground Water

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69601445
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed : N
Ownership Entity: Government
Permit Tools :
Photo Available : Y
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water: Y
ASMT Lead : Y
ASMT Oth Cont: Y
ASMT Oth Metal : Y
ASMT Pahs :
ASMT Pcb's :
ASMT Sediments :
ASMT Soil :

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcb's :
Cinup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Voc's :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Req'd: U
Flag IC in Place:
Flag IC Required: U
Past Acres: 1
Past Cml Acres:
Past Grnspec Acres:
Past Res Acres:
Future Acres:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Srf Water :					Future Cml Acres:	
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sflp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	N
Cleanup Cntrl Sub :					Latitude Measure:	21.2958272
Cleanup Drk Wat:					Longitude Measure:	-157.86617230000002
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		2-1-015:051				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Office of Hawaiian Affairs				
Redev Funding Entity Name:						
Property Name:		Kaka'ako Makai Parcel L				
Property Size:		5.2				
IC Data Address:						
IC in Place Date:						
Current Owner:		Office of Hawaiian Affairs				
Address:		200 Keawe St				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96814				
Horizontal Collection Method:		Address Matching-House Number				
Horizontal Reference Datum:		North American Datum of 1983				
Reference Point:		Entrance Point of a Facility or Station				
Other Description:		dioxin				
Other Desc Cleaned Up:						
Desc Hist:		Parcel L was one of the last areas in Kaka'ako Makai to be filled. It was filled in and created in the 1960s. A warehouse was constructed in 1963. The parcel was initially used as a container freight station that supported operations in Honolulu Harbor. A Phase I assessment was performed for the Kaka'ako Makai area at multiple parcels including the Property, and identified the following recognized environmental condition: It is likely that ash from the former incinerators is present at the site that might contain lead and dioxins.				
Coop Agreement No:	99T02101				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblytn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :	Y				Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :	Y				Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :	Y				RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	618
Clnup Bldg Mats :					Low Income Pct:	38.6
Clnup Cadmium :					Median Income:	6123

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
<i>Clnup Chromium :</i>					<i>Multipurpose:</i>		
<i>Clnup Copper :</i>					<i>Past Mltistry Acre:</i>		
<i>Clnup Cst Shr Amt:</i>					<i>Pro Code:</i>	BF	
<i>Clnup Doc:</i>	N				<i>Pro Income Amt:</i>		
<i>Clnup Iron :</i>					<i>Vacant Housing:</i>	94	
<i>Clnup Mercury :</i>					<i>Vacant Housing Pct:</i>	8.66	
<i>Clnup Nickel :</i>					<i>Total Unemployed:</i>	61	
<i>Clnup None :</i>					<i>Unemployed Pct:</i>	3.81	
<i>Clnup of Structurs:</i>					<i>Below Poverty:</i>	216	
<i>Clnup oorair :</i>					<i>Below Poverty Pct:</i>	13.49	
<i>Clnup Pesticides :</i>					<i>Radius:</i>	.5	
<i>Clnup Selenium :</i>					<i>Actvy Funded:</i>		
<i>Clnup Svocs :</i>					<i>Cost Share Amt:</i>		
<i>Clnup Unkn Media :</i>					<i>Rdctn of Cntmnts:</i>		
<i>Clnup Unknown :</i>					<i>Removal of Mats:</i>		
<i>Env Clnup Jobs:</i>					<i>Repayment Period:</i>		
<i>Env Pro Income Amt:</i>							
<i>Property Alias:</i>							
<i>AA Actvy Funded:</i>							
<i>AA Source of Funding:</i>							
<i>AA Amt Funding:</i>							
<i>Redev Fund Entity:</i>							
<i>Redev Lvrgd Srcs:</i>							
<i>Redev Cmpltn Date:</i>							
<i>Clnup Trmt Tech Info:</i>							
<i>EC Data Address:</i>							
<i>EC Addl Info:</i>							
<i>Env IC Data Address:</i>							
<i>IC Addl Info:</i>							
<i>Ctmnt Found:</i>		Lead					
		Other Contaminants					
		Other Metals					
Other Forms of Doc:							
Highlights:					Health, Welfare, and Environment The area between downtown Honolulu and Waikiki, known today as Kaka'ako Makai, sits within two historic sea fisheries, called Kukulua'eo and Ka'akaukui, which historically consisted of reef and mud flats that were submerged at high tide. At the end of the 19th century, the government began filling the submerged land to create Kaka'ako Makai as we know it today. In the early 1900s, fill material consisted mostly of raw trash and ash from open-pit trash burning. After 1930, incinerator ash was the primary fill material. By the late 1960s, the incinerator ash and other fill materials had created over 60 acres of fast land in the former Kukulua'eo and Ka'akaukui fisheries Since the 1960s, the state primarily used Kaka 'ako Makai for government baseyards, warehouses, and buildings, and leased some of the waterfront parcels for industrial fishing operations like fueling stations, boatyards, ice houses, and fish auctions. "Makai" in the Hawaiian language means "toward the sea;" Kaka 'ako Makai refers to the portion of Kaka 'ako seaward of Ala Moana Blvd. Kaka'ako Makai is part of the larger approximately 600-acre Kaka'ako area that historically included small tenements of primarily Native Hawaiian and immigrant laborers mauka (inland) of Ala Moana Blvd. Today, about 20 land parcels comprise Kaka'ako Makai's approximately 60 acres. It is the gateway to some of the best ocean recreation in urban Honolulu, including body boarding, surfing, and diving, and the remediated 30-acre Kaka'ako Waterfront Park attracts thousands of residents and tourists to the area each year for picnicking, parties, and playing in the sun. Despite these excellent outdoor recreational opportunities, the lots immediately adjacent to the Kaka'ako Waterfront Park and beach accesses- approximately 30 acres of Kaka'ako Makai- remain blighted with decaying buildings and empty lots, and many homeless have established tents along the roads and in the open lots. The target community, including Kaka'ako residents and the larger Honolulu community, includes a significant percentage of sensitive populations, including elderly over the age of 65 and children under the age of 17, who are especially susceptible to the effects of the known hazardous substances in the soil and groundwater in Kaka'ako Makai. Financial Need Particularly in the last five years, Honolulu County, including Kaka'ako Makai, has been heavily hit by the economic downturn. With an economy that is heavily reliant on tourism, Hawai 'i has borne the brunt of the recession over the last few years. OHA has felt the negative impacts as well, with its trust fund losing over \$5.8 million in fiscal year ended June 30, 2012. The presence of brownfields in Kaka'ako Makai contributes to the depressed economy by preventing development of safe recreational, shopping, and dining opportunities in a prime waterfront location between downtown Honolulu and Waikiki. Former Use: Parcel L was one of the last areas in Kaka'ako Makai to be filled. It was filled in and created in the 1960s. A warehouse was constructed in 1963. The parcel was initially used as a container freight station that supported operations in Honolulu Harbor. A Phase I assessment was performed for the Kaka'ako Makai area at multiple parcels including the Property, and identified the following recognized environmental condition: It is likely that ash from the former incinerators is present at the site that might contain lead and dioxins.		
Ctmnt Cleanedup:							
Media Affected:							
		Ground Water					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cmnt Rec:

164	1 of 4	ESE	0.44 / 2,325.47	6.61 / 3	Queen Emmalani Tower 600 Queen St Honolulu HI 96813	INST
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HID No:	HID984466698	Lead Agency:	HEER
Fac Registry ID:	110005726651	Project Manager:	Mark Sutterfield
Assessment:	Response Necessary	Document Date:	2/1/2006 1:15:05 AM
Response:	Response Complete	Document No:	2006-058-MS
Resp Act Complete:	2/1/2006 1:15:05 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	2/1/2006 1:15:05 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	21.302459
Engineer Control:	Engineering Control Required	Longitude:	-157.858247
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Queen Emmalani Tower		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Contamination was place under building		
Nature of Residual Contam.:	Contaminated (lead and metals) soil removed or capped by building.		
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System		
Doc Subject:	NFA for Areas 1 and 3		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Additional coordinates.
Latitude: 21.328598
Longitude: -157.827823
Comments:
Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.302091
Longitude: -157.857365
Comments:
Contact Information:

Coordinate for Mapping: Yes
Latitude: 21.302459
Longitude: -157.858247
Comments: ARC_STREET: 600 Queen St XTRA_ADD: PrimaryTemp
Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.302459
Longitude: -157.858247
Comments: ARC_STREET: 600 Queen St
Contact Information:

TMK Information

TMK: 121048012
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121048010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048019				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048014				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048011				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048018				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048017				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048016				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048013				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048009				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						
TMK:		121048015				
Acres from TMK:						
Description of Portion:						
Acres for Discontinued Tmks:						
Estimate of Affected Acres:						
Estimate of Affected Acres Co:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TMK: 121048008
Acres from TMK: 121048008
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	1487	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	809	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organtzns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Contamination Above:	false	Location Desc:	600 Queen St
COPC Action Reqrd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	1843	Incident ID:	
Location Type:	SC	Description:	
Comment:	EPO; PrimaryTemp; ARC_STREET: 600 Queen St XTRA_ADD: PrimaryTemp ;		
Geometry:	POINT (-157.858 21.3025)		
Centroid:	POINT (-157.858 21.3025)		

164	2 of 4	ESE	0.44 / 2,325.47	6.61 / 3	Queen Emmalani Tower 600 Queen St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1487
Site Name (Public iHEER): Queen Emmalani Tower
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA
Street (Public iHEER): 600 Queen St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 809
Suppl Loc (Public iHEER): 600 Queen St
Tax Map Keys (Public iHEER): 121048008, 121048009, 121048010, 121048011, 121048012, 121048013, 121048014, 121048015, 121048016, 121048017, 121048018, 121048019

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1487
Site Name (PORTAL): Queen Emmalani Tower
Loc Desc (PORTAL): 600 Queen St
Address (PORTAL): 600 Queen St
 Honolulu, HI 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1487/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Dec 21, 2005
Document No: 48573
Type: Undetermined
Title: 600 Queen St - Removal Action Report
Imported From: 3506#\Heersharepoint1\facilitiesite%20documents\3506.pdf

iHEER System - Documents

Date : Apr 11, 1988
Document No: 47741
Type: Undetermined
Title: Abandonment and Removal Plan, USTs, Proposed Kakaako Development Site, HLA Job #18603, 001.06
Imported From: 39308#\Heersharepoint1\facilitiesite%20documents\39308.pdf

iHEER System - Documents

Date : Dec 22, 2005
Document No: 48566
Type: Undetermined
Title: Removal Action Report 600 Queen St, Honolulu HI, TMK 1-2-1-048-008
Imported From: 39327#\Heersharepoint1\facilitiesite%20documents\39327.pdf

iHEER System - Documents

Date : Jun 22, 2005
Document No: 48572
Type: Undetermined
Title: Removal Action Work Plan 600 Queen St, Honolulu HI, TMK 1-2-1-048-008
Imported From: 39321#\Heersharepoint1\facilitiesite%20documents\39321.pdf

iHEER System - Documents

Date : May 11, 1994
Document No: 48565
Type: Undetermined
Title: Removal and Installation of New Underground Storage Tanks
Imported From: 132569#\Heersharepoint1\facilitiesite%20documents\132569.pdf

iHEER System - Documents

Date : Jan 10, 2005
Document No: 47734
Type: Undetermined
Title: Approval of Limited Phase II ESA and Data Gaps Analysis Report
Imported From: 2005-025#Q:\2005 Final Correspondence (Day File)\05-025-MS.pdf

iHEER System - Documents

Date : Feb 25, 2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			47744			
Type:			Undetermined			
Title:			Approval of Remedial Investigation Work Plan			
Imported From:			2005-110#Q:\2005 Final Correspondence (Day File)\05-110-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 3, 1991			
Document No:			48558			
Type:			Undetermined			
Title:			Corrective Action for Soil Aeration at Queen Emmalani Tower Project, Project 7177			
Imported From:			39311#\Heersharepoint1\facilitiesite%20documents\39311.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 10, 1991			
Document No:			47743			
Type:			Undetermined			
Title:			Corrective Action Report for Soil Bioremediation at Queen Emmalani Tower Project, Project 7188B			
Imported From:			39310#\Heersharepoint1\facilitiesite%20documents\39310.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			183765			
Type:			Undetermined			
Title:			Correspondence Letters for Years 1991 & 1992			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 23, 1991			
Document No:			48574			
Type:			Undetermined			
Title:			DRAFT: Work Plan for Soil Bioremediation at Queen Emmalani Tower Project, Honolulu HI 96813, Project 7188			
Imported From:			39306#\Heersharepoint1\facilitiesite%20documents\39306.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 23, 1991			
Document No:			47746			
Type:			Undetermined			
Title:			DRAFT: Work Plan for Soil Disposal, Queen Emmalani Tower Project, Honolulu HI 96813, Project 7189			
Imported From:			39317#\Heersharepoint1\facilitiesite%20documents\39317.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 8, 1988			
Document No:			47740			
Type:			Undetermined			
Title:			Report, ESA Kakaako Site, TMK 1-2-1-048-008 through 019, D&M Job 16492-001-11			
Imported From:			39307#\Heersharepoint1\facilitiesite%20documents\39307.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2006			
Document No:			48567			
Type:			Undetermined			
Title:			Request for No Further Action Queen Emmalani Tower, 600 Queen St, Honolulu HI			
Imported From:			3637#\Heersharepoint1\facilitiesite%20documents\3637.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 3, 2006
Document No: 47738
Type: Undetermined
Title: Review and approval of Soil pile sampling plan
Imported From: 2006-001#Q:\2006 Final Correspondence (Day File)\06-001-MS.pdf

iHEER System - Documents

Date : May 16, 2005
Document No: 47735
Type: Undetermined
Title: Review of RI and RAA
Imported From: 2005-265#Q:\2005 Final Correspondence (Day File)\05-265-MS.pdf

iHEER System - Documents

Date : Jan 12, 2006
Document No: 47736
Type: Undetermined
Title: Review of Stockpile Sampling Activities. Permission to use the Soil at Ewa Gentry
Imported From: 2006-019#Q:\2006 Final Correspondence (Day File)\06-019-MS.pdf

iHEER System - Documents

Date : Apr 23, 1996
Document No: 48557
Type: Undetermined
Title: Site Screening Sheet
Imported From: 127443#\Heersharepoint1\facilitiesite%20documents\127443.pdf

iHEER System - Documents

Date : Jan 24, 2006
Document No: 48571
Type: Undetermined
Title: Soil Stockpiles - Receiving Facility 600 Queen St Property, Honolulu HI
Imported From: 3636#\Heersharepoint1\facilitiesite%20documents\3636.pdf

iHEER System - Documents

Date : Apr 8, 1991
Document No: 48562
Type: Undetermined
Title: Environmental Assessment at Queen Emmalani Tower Site, Kawaiahao, Emily, Queen, and South Sts, Honolulu HI, Site Characterization and Investigation for Soil and Groundwater Contamination, Project 7133
Imported From: 39315#\Heersharepoint1\facilitiesite%20documents\39315.pdf

iHEER System - Documents

Date : Dec 5, 1990
Document No: 47747
Type: Undetermined
Title: Environmental Assessment at Queen Emmalani Tower, 656 Queen St & 738 South St, Preliminary Site Investigation for UST System Closure, Project 7095
Imported From: 39314#\Heersharepoint1\facilitiesite%20documents\39314.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 6, 2005			
Document No:			48570			
Type:			Undetermined			
Title:			Letter approving the Work Plan for 600 Queen St			
Imported From:			2005-339#Q:\2005 Final Correspondence (Day File)\05-339-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2004			
Document No:			48560			
Type:			Undetermined			
Title:			Limited Phase II ESA and Data Gaps Analysis Report, 600 Queen St, Honolulu HI, ETC Project No 04-2025			
Imported From:			39325#\Heersharepoint1\facilitiesite%20documents\39325.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2004			
Document No:			47750			
Type:			Undetermined			
Title:			Limited Phase II ESA, 600 Queen St, Honolulu HI, ETC Project No 04-2017			
Imported From:			39326#\Heersharepoint1\facilitiesite%20documents\39326.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 20, 2004			
Document No:			48564			
Type:			Undetermined			
Title:			Limited Subsurface Investigation Queen Emmalani Property 600 Queen St, Honolulu HI			
Imported From:			39323#\Heersharepoint1\facilitiesite%20documents\39323.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 28, 2005			
Document No:			48569			
Type:			Undetermined			
Title:			Stockpile Sampling Activities 600 Queen St Property, Honolulu HI			
Imported From:			3515#\Heersharepoint1\facilitiesite%20documents\3515.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 11, 2006			
Document No:			48568			
Type:			Undetermined			
Title:			Stockpile Sampling Activities, 600 Queen St Property, Honolulu HI			
Imported From:			100752#\Heersharepoint1\facilitiesite%20documents\100752.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 18, 1991			
Document No:			47745			
Type:			Undetermined			
Title:			Work Plan for Soil Aeration at Queen Emmalani Tower Project, Project 7177			
Imported From:			39312#\Heersharepoint1\facilitiesite%20documents\39312.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 24, 1991			
Document No:			47739			
Type:			Undetermined			
Title:			Work Plan for Soil Bioremediation at Queen Emmalani Tower Project, Honolulu HI 96813, Project 7188			
Imported From:			39305#\Heersharepoint1\facilitiesite%20documents\39305.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 24, 1991
Document No: 47748
Type: Undetermined
Title: Work Plan for Soil Disposal, Queen Emmalani Tower Project, Honolulu HI 96813, Project 7189
Imported From: 39318#\Heersharepoint1\facilitiesite%20documents\39318.pdf

iHEER System - Documents

Date : Nov 1, 2004
Document No: 48559
Type: Undetermined
Title: Work Plan, Additional Subsurface Investigation, 600 Queen St, Honolulu HI
Imported From: 39324#\Heersharepoint1\facilitiesite%20documents\39324.pdf

iHEER System - Documents

Date : Jan 8, 1991
Document No: 48561
Type: Undetermined
Title: Master Plan for Motoi/Kosan USA Inc, Honolulu HI, Project 7095
Imported From: 39313#\Heersharepoint1\facilitiesite%20documents\39313.pdf

iHEER System - Documents

Date : Nov 17, 2004
Document No: 48576
Type: Undetermined
Title: Memo prepared for meeting with Alexander and Baldwin about development of Queen Emmalani Tower Property
Imported From: 51330#\Heersharepoint1\facilitiesite%20documents\51330.pdf

iHEER System - Documents

Date : Feb 1, 2006
Document No: 48563
Type: No Further Action Determination w/ ICs Letter
Title: NFA for Areas 1 and 3
Imported From: 2006-058#Q:\2006 Final Correspondence (Day File)\06-058-MS.pdf

iHEER System - Documents

Date : Jan 5, 2006
Document No: 47742
Type: No Action Determination Letter
Title: NFA for lead in Area 2
Imported From: 2006-006#Q:\2006 Final Correspondence (Day File)\06-006-MS.pdf

iHEER System - Documents

Date : Jun 30, 2004
Document No: 48556
Type: Undetermined
Title: Phase I ESA 600 Queen St, Honolulu HI, TMK 1-2-1-048-008
Imported From: 39322#\Heersharepoint1\facilitiesite%20documents\39322.pdf

iHEER System - Documents

Date : Jan 28, 1997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		48575				
Type:		Undetermined				
Title:		Queen Emmalani Tower				
Imported From:		1997-046#Q:\1997 Final Correspondence (Day File)\97-046-RK.pdf				

iHEER System - Documents

Date : May 5, 2005
Document No: 47737
Type: Undetermined
Title: Remedial Investigation & RAA Report
Imported From: 39320#\Heersharepoint1\facilitiesite%20documents\39320.pdf

iHEER System - Documents

Date : Feb 25, 2005
Document No: 47749
Type: Undetermined
Title: Remedial Investigation Work Plan, 600 Queen St, Honolulu HI. Prepared For: A&B Kakaako LLC
Imported From: 39319#\Heersharepoint1\facilitiesite%20documents\39319.pdf

iHEER System - Locations Details

Locations ID: 10547
Location Type: SB
Description: Site Boundary
Comment : From TMK
Centroid: POINT (-157.85737003585649 21.302124443671374)
Geometry:

POLYGON ((-157.85810729828597 21.302355146534843, -157.85743138162059 21.301448024681637, -157.85670986738765 21.301862852449474, -157.8571363386252 21.302759975967138, -157.85812607374913 21.302375138137659, -157.85810729828597 21.302355146534843))

iHEER System - Locations Details

Locations ID: 1843
Location Type: SC
Description: 600 Queen Street
Comment : Google Maps and 600 Queen St
Centroid: POINT (-157.857308 21.302166000000014)
Geometry:

POINT (-157.857308 21.302166000000014)

Site Details

Centroid: POINT (-157.857308 21.302166000000014)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.302166000000014,-157.857308

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
164	3 of 4	ESE	0.44 / 2,325.47	6.61 / 3	Queen Emmalani Tower 600 Queen St Honolulu HI 96813	ENG

HID No:	HID984466698	Lead Agency:	HEER
Fac Registry ID:	110005726651	Project Manager:	Mark Sutterfield
Assessment:	Response Necessary	Document Date:	2/1/2006 1:15:05 AM
Response:	Response Complete	Document No:	2006-058-MS
Resp Act Complete:	2/1/2006 1:15:05 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	2/1/2006 1:15:05 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	21.302459
Engineer Control:	Engineering Control Required	Longitude:	-157.858247
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Queen Emmalani Tower		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Contamination was place under building		
Nature of Residual Contam.:	Contaminated (lead and metals) soil removed or capped by building.		
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System		
Doc Subject:	NFA for Areas 1 and 3		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Additional coordinates.
Latitude: 21.328598
Longitude: -157.827823
Comments:
Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.302459
Longitude: -157.858247
Comments: ARC_STREET: 600 Queen St
Contact Information:

Coordinate for Mapping: Yes
Latitude: 21.302459
Longitude: -157.858247
Comments: ARC_STREET: 600 Queen St XTRA_ADD: PrimaryTemp
Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.302091
Longitude: -157.857365
Comments:
Contact Information:

TMK Information

TMK: 121048014
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121048011
Acres from TMK:
Description of Portion:
Acres for Discontinued Tmks:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048016				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048012				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048008				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048019				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048017				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048010				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048009				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048013				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048018				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						
<i>Acres for Discontinued Tmks:</i>						
<i>Estimate of Affected Acres:</i>						
<i>Estimate of Affected Acres Co:</i>						
<i>TMK:</i>		121048015				
<i>Acres from TMK:</i>						
<i>Description of Portion:</i>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Acres for Discontinued Tmks:
 Estimate of Affected Acres:
 Estimate of Affected Acres Co:

HEER Online - Details

ID:	1487	Is Public:	true
Island ID:	8	Affiliate Organztns:	
Pk Sitelist ID:	809	Name Chng Histry:	
Status:	Unreviewed	Documents:	
Status Comment:		Lead Agency:	HEER Office
Status History:		Program:	State
Historical Records:	false	Priority:	Unranked
Is Report Approved:	false	Location Desc:	600 Queen St
Contamintion Above:	false	State:	HI
COPC Action Reqcd:	false	County Name:	Honolulu
Contamination Risk:	false	Island Name:	Oahu
Is Removal Action:	false	Island County Code:	OA
Controls Required:	false	Assigned Rpm:	
Is Loc Issued:	false	Cost Recovery Code:	
Program History:			

HEER Online - Location

Locations ID:	1843	Incident ID:	
Location Type:	SC	Description:	
Comment:			EPO; PrimaryTemp; ARC_STREET: 600 Queen St XTRA_ADD: PrimaryTemp ;
Geometry:			POINT (-157.858 21.3025)
Centroid:			POINT (-157.858 21.3025)

164	4 of 4	ESE	0.44 / 2,325.47	6.61 / 3	Queen Emmalani Tower 600 Queen St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 1487
Island (Public iHEER): Oahu
Site Name (Public iHEER): Queen Emmalani Tower
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA
Street (Public iHEER): 600 Queen St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 600 Queen St
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 809
Tax Map Keys (Public iHEER): 121048008, 121048009, 121048010, 121048011, 121048012, 121048013, 121048014, 121048015, 121048016, 121048017, 121048018, 121048019

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 1487
Island (PORTAL): Oahu
Site Name (PORTAL): Queen Emmalani Tower
Address (PORTAL): 600 Queen St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 600 Queen St
Program (PORTAL): State
Status (PORTAL): NFA W/ICS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1487/details/view				
Data Source:		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Dec 22, 2005				
Type:		Undetermined				
Title:		Removal Action Report 600 Queen St, Honolulu HI, TMK 1-2-1-048-008				
Document No:		48566				
Imported From:		39327#\Heersharepoint1\facilitiesite%20documents\39327.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 22, 2005				
Type:		Undetermined				
Title:		Removal Action Work Plan 600 Queen St, Honolulu HI, TMK 1-2-1-048-008				
Document No:		48572				
Imported From:		39321#\Heersharepoint1\facilitiesite%20documents\39321.pdf				
<u>iHEER System - Documents</u>						
Date :		May 11, 1994				
Type:		Undetermined				
Title:		Removal and Installation of New Underground Storage Tanks				
Document No:		48565				
Imported From:		132569#\Heersharepoint1\facilitiesite%20documents\132569.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 8, 1988				
Type:		Undetermined				
Title:		Report, ESA Kakaako Site, TMK 1-2-1-048-008 through 019, D&M Job 16492-001-11				
Document No:		47740				
Imported From:		39307#\Heersharepoint1\facilitiesite%20documents\39307.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 24, 2006				
Type:		Undetermined				
Title:		Request for No Further Action Queen Emmalani Tower, 600 Queen St, Honolulu HI				
Document No:		48567				
Imported From:		3637#\Heersharepoint1\facilitiesite%20documents\3637.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 3, 2006				
Type:		Undetermined				
Title:		Review and approval of Soil pile sampling plan				
Document No:		47738				
Imported From:		2006-001#Q:\2006 Final Correspondence (Day File)\06-001-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		May 16, 2005				
Type:		Undetermined				
Title:		Review of RI and RAA				
Document No:		47735				
Imported From:		2005-265#Q:\2005 Final Correspondence (Day File)\05-265-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 12, 2006
Type: Undetermined
Title: Review of Stockpile Sampling Activities. Permission to use the Soil at Ewa Gentry
Document No: 47736
Imported From: 2006-019#Q:\2006 Final Correspondence (Day File)\06-019-MS.pdf

iHEER System - Documents

Date : Apr 23, 1996
Type: Undetermined
Title: Site Screening Sheet
Document No: 48557
Imported From: 127443#\Heersharepoint1\facilitiesite%20documents\127443.pdf

iHEER System - Documents

Date : Jan 24, 2006
Type: Undetermined
Title: Soil Stockpiles - Receiving Facility 600 Queen St Property, Honolulu HI
Document No: 48571
Imported From: 3636#\Heersharepoint1\facilitiesite%20documents\3636.pdf

iHEER System - Documents

Date : Dec 28, 2005
Type: Undetermined
Title: Stockpile Sampling Activities 600 Queen St Property, Honolulu HI
Document No: 48569
Imported From: 3515#\Heersharepoint1\facilitiesite%20documents\3515.pdf

iHEER System - Documents

Date : Jan 11, 2006
Type: Undetermined
Title: Stockpile Sampling Activities, 600 Queen St Property, Honolulu HI
Document No: 48568
Imported From: 100752#\Heersharepoint1\facilitiesite%20documents\100752.pdf

iHEER System - Documents

Date : Apr 18, 1991
Type: Undetermined
Title: Work Plan for Soil Aeration at Queen Emmalani Tower Project, Project 7177
Document No: 47745
Imported From: 39312#\Heersharepoint1\facilitiesite%20documents\39312.pdf

iHEER System - Documents

Date : Apr 24, 1991
Type: Undetermined
Title: Work Plan for Soil Bioremediation at Queen Emmalani Tower Project, Honolulu HI 96813, Project 7188
Document No: 47739
Imported From: 39305#\Heersharepoint1\facilitiesite%20documents\39305.pdf

iHEER System - Documents

Date : Apr 24, 1991

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Work Plan for Soil Disposal, Queen Emmalani Tower Project, Honolulu HI 96813, Project 7189				
Document No:		47748				
Imported From:		39318#\Heersharepoint1\facilitiesite%20documents\39318.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 1, 2004				
Type:		Undetermined				
Title:		Work Plan, Additional Subsurface Investigation, 600 Queen St, Honolulu HI				
Document No:		48559				
Imported From:		39324#\Heersharepoint1\facilitiesite%20documents\39324.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 21, 2005				
Type:		Undetermined				
Title:		600 Queen St - Removal Action Report				
Document No:		48573				
Imported From:		3506#\Heersharepoint1\facilitiesite%20documents\3506.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 11, 1988				
Type:		Undetermined				
Title:		Abandonment and Removal Plan, USTs, Proposed Kakaako Development Site, HLA Job #18603, 001.06				
Document No:		47741				
Imported From:		39308#\Heersharepoint1\facilitiesite%20documents\39308.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 10, 2005				
Type:		Undetermined				
Title:		Approval of Limited Phase II ESA and Data Gaps Analysis Report				
Document No:		47734				
Imported From:		2005-025#Q:\2005 Final Correspondence (Day File)\05-025-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2005				
Type:		Undetermined				
Title:		Approval of Remedial Investigation Work Plan				
Document No:		47744				
Imported From:		2005-110#Q:\2005 Final Correspondence (Day File)\05-110-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 3, 1991				
Type:		Undetermined				
Title:		Corrective Action for Soil Aeration at Queen Emmalani Tower Project, Project 7177				
Document No:		48558				
Imported From:		39311#\Heersharepoint1\facilitiesite%20documents\39311.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 10, 1991				
Type:		Undetermined				
Title:		Corrective Action Report for Soil Bioremediation at Queen Emmalani Tower Project, Project 7188B				
Document No:		47743				
Imported From:		39310#\Heersharepoint1\facilitiesite%20documents\39310.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date :
Type: Undetermined
Title: Correspondence Letters for Years 1991 & 1992
Document No: 183765
Imported From:

iHEER System - Documents

Date : Apr 23, 1991
Type: Undetermined
Title: DRAFT: Work Plan for Soil Bioremediation at Queen Emmalani Tower Project, Honolulu HI 96813, Project 7188
Document No: 48574
Imported From: 39306#\Heersharepoint1\facilitiesite%20documents\39306.pdf

iHEER System - Documents

Date : Apr 23, 1991
Type: Undetermined
Title: DRAFT: Work Plan for Soil Disposal, Queen Emmalani Tower Project, Honolulu HI 96813, Project 7189
Document No: 47746
Imported From: 39317#\Heersharepoint1\facilitiesite%20documents\39317.pdf

iHEER System - Documents

Date : Apr 8, 1991
Type: Undetermined
Title: Environmental Assessment at Queen Emmalani Tower Site, Kawaiahao, Emily, Queen, and South Sts, Honolulu HI, Site Characterization and Investigation for Soil and Groundwater Contamination, Project 7133
Document No: 48562
Imported From: 39315#\Heersharepoint1\facilitiesite%20documents\39315.pdf

iHEER System - Documents

Date : Dec 5, 1990
Type: Undetermined
Title: Environmental Assessment at Queen Emmalani Tower, 656 Queen St & 738 South St, Preliminary Site Investigation for UST System Closure, Project 7095
Document No: 47747
Imported From: 39314#\Heersharepoint1\facilitiesite%20documents\39314.pdf

iHEER System - Documents

Date : Jul 6, 2005
Type: Undetermined
Title: Letter approving the Work Plan for 600 Queen St
Document No: 48570
Imported From: 2005-339#Q:\2005 Final Correspondence (Day File)\05-339-MS.pdf

iHEER System - Documents

Date : Dec 1, 2004
Type: Undetermined
Title: Limited Phase II ESA and Data Gaps Analysis Report, 600 Queen St, Honolulu HI, ETC Project No 04-2025
Document No: 48560
Imported From: 39325#\Heersharepoint1\facilitiesite%20documents\39325.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 1, 2004			
Type:			Undetermined			
Title:			Limited Phase II ESA, 600 Queen St, Honolulu HI, ETC Project No 04-2017			
Document No:			47750			
Imported From:			39326#\Heersharepoint1\facilitiesite%20documents\39326.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 20, 2004			
Type:			Undetermined			
Title:			Limited Subsurface Investigation Queen Emmalani Property 600 Queen St, Honolulu HI			
Document No:			48564			
Imported From:			39323#\Heersharepoint1\facilitiesite%20documents\39323.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 8, 1991			
Type:			Undetermined			
Title:			Master Plan for Motoi/Kosan USA Inc, Honolulu HI, Project 7095			
Document No:			48561			
Imported From:			39313#\Heersharepoint1\facilitiesite%20documents\39313.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 17, 2004			
Type:			Undetermined			
Title:			Memo prepared for meeting with Alexander and Baldwin about development of Queen Emmalani Tower Property			
Document No:			48576			
Imported From:			51330#\Heersharepoint1\facilitiesite%20documents\51330.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 1, 2006			
Type:			No Further Action Determination w/ ICs Letter			
Title:			NFA for Areas 1 and 3			
Document No:			48563			
Imported From:			2006-058#Q:\2006 Final Correspondence (Day File)\06-058-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 5, 2006			
Type:			No Action Determination Letter			
Title:			NFA for lead in Area 2			
Document No:			47742			
Imported From:			2006-006#Q:\2006 Final Correspondence (Day File)\06-006-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2004			
Type:			Undetermined			
Title:			Phase I ESA 600 Queen St, Honolulu HI, TMK 1-2-1-048-008			
Document No:			48556			
Imported From:			39322#\Heersharepoint1\facilitiesite%20documents\39322.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 1997			
Type:			Undetermined			
Title:			Queen Emmalani Tower			
Document No:			48575			
Imported From:			1997-046#Q:\1997 Final Correspondence (Day File)\97-046-RK.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 5, 2005
Type: Undetermined
Title: Remedial Investigation & RAA Report
Document No: 47737
Imported From: 39320#\Heersharepoint1\facilitiesite%20documents\39320.pdf

iHEER System - Documents

Date : Feb 25, 2005
Type: Undetermined
Title: Remedial Investigation Work Plan, 600 Queen St, Honolulu HI. Prepared For: A&B Kakaako LLC
Document No: 47749
Imported From: 39319#\Heersharepoint1\facilitiesite%20documents\39319.pdf

Locations Details

Locations ID: 10547
Location Type: SB
Description: Site Boundary
Comment : From TMK
Centroid: POINT (-157.85737003585649 21.302124443671374)
Geometry:

POLYGON ((-157.85810729828597 21.302355146534843, -157.85743138162059 21.301448024681637, -157.85670986738765 21.301862852449474, -157.8571363386252 21.302759975967138, -157.85812607374913 21.302375138137659, -157.85810729828597 21.302355146534843))

Locations ID: 1843
Location Type: SC
Description: 600 Queen Street
Comment : Google Maps and 600 Queen St
Centroid: POINT (-157.857308 21.302166000000014)
Geometry:

POINT (-157.857308 21.302166000000014)

Details

Centroid: POINT (-157.857308 21.302166000000014)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.302166000000014,-157.857308

165	1 of 1	N	0.44 / 2,330.52	9.95 / 7	Kekaulike Revitalization Project 163 N Hotel St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1461
Site Name (Public iHEER): Kekaulike Revitalization Project
Aliases (Public iHEER): Kekaulike Block Revitalization, Kekaulike Diamond Head Block Revitalization, Kekaulike Ewa Block Revitalization
Street (Public iHEER): 163 N Hotel St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/8/2020 2:56:50 PM				
Ms Access ID (Public iHEER):		551				
Suppl Loc (Public iHEER):		163 N Hotel St, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		117003020, 117003032				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1461				
Site Name (PORTAL):		Kekaulike Revitalization Project				
Loc Desc (PORTAL):		163 N Hotel St, Honolulu, HI 96817				
Address (PORTAL):		163 N Hotel St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1461/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : May 31, 1995
Document No: 36949
Type: Undetermined
Title: "Notification of USTs Form" Transmittal of Signed Sections VII and VIII
Imported From: 119921#\Heersharepoint1\facilitsite%20documents\119921.pdf

iHEER System - Documents

Date : Nov 24, 1993
Document No: 36950
Type: Undetermined
Title: Environmental Assessment at the Kekaulike Revitalization Project 163 North Hotel St, Honolulu HI Latitude: 21° 19' Longitude: 157° 51' Short Term Release Response/Preliminary Investigation for UST System
Imported From: 38703#\Heersharepoint1\facilitsite%20documents\38703.pdf

iHEER System - Documents

Date : Oct 31, 1995
Document No: 36947
Type: Undetermined
Title: Kekaulike Diamond Head Block Revitalization - Final Soil Samples
Imported From: 119924#\Heersharepoint1\facilitsite%20documents\119924.pdf

iHEER System - Documents

Date : May 11, 1995
Document No: 36953
Type: Undetermined
Title: Kekaulike Diamond Head Block Revitalization / Petroleum Contaminated Soils
Imported From: 2037#\Heersharepoint1\facilitsite%20documents\2037.pdf

iHEER System - Documents

Date : Dec 22, 1993
Document No: 36954
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Kekaulike Short term Release Response/Tank Closure Report, UEC Project 7668
Imported From: 713#\Heersharepoint1\facilitiesite%20documents\713.pdf

iHEER System - Documents

Date : Mar 23, 2005
Document No: 36955
Type: No Further Action Determination Letter
Title: NFA of Kekaulike Diamond Head Block
Imported From: 2005-150#Q:\2005 Final Correspondence (Day File)\05-150-MS.pdf

iHEER System - Documents

Date : Mar 24, 1995
Document No: 36952
Type: Undetermined
Title: Preliminary Contamination Assessment
Imported From: 38701#\Heersharepoint1\facilitiesite%20documents\38701.pdf

iHEER System - Documents

Date : Mar 21, 1994
Document No: 36956
Type: Undetermined
Title: Referral of Unregulated UST Release 03/21/1994
Imported From: 1023#\Heersharepoint1\facilitiesite%20documents\1023.pdf

iHEER System - Documents

Date : Jul 21, 1995
Document No: 36948
Type: Undetermined
Title: Site Characterization
Imported From: 38702#\Heersharepoint1\facilitiesite%20documents\38702.pdf

iHEER System - Documents

Date : Oct 1, 1993
Document No: 36951
Type: Undetermined
Title: UST Release at the Kekaulike 'Ewa Block, 173 North Hotel St, Honolulu, Oahu, Hawaii UST Facility ID 9-102792, UST Release ID 930137
Imported From: 119918#\Heersharepoint1\facilitiesite%20documents\119918.pdf

iHEER System - Locations Details

Locations ID: 1738
Location Type: SC
Description: Kekaulike Feature?
Comment : Primary - corresponds to TMK 117003020; Replotted in Google Earth and confirmed by Laura.; XTRA_ADD: Primary - corresponds to TMK 117003020 LOCATION_1: Replotted in Google Earth and confirmed by Laura.; POINT (-157.864008 21.312228000000005)
Centroid:
Geometry:

POINT (-157.864008 21.312228000000005)

iHEER System - Locations Details

Locations ID: 3833
Location Type: SC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description:		Ewa 750-gal Bunker C UST				
Comment :		Google Maps and Report 36950				
Centroid:		POINT (-157.86371 21.313110000000005)				
Geometry:						

POINT (-157.86371 21.313110000000005)

iHEER System - Locations Details

Locations ID:	3834
Location Type:	SC
Description:	DH Foundation Work Diesel
Comment :	Google Maps and Report 36952
Centroid:	POINT (-157.863412 21.312577000000008)
Geometry:	

POINT (-157.863412 21.312577000000008)

iHEER System - Locations Details

Locations ID:	6874
Location Type:	SB
Description:	Kekaulike Ewa Block
Comment :	Placed by RPM
Centroid:	POINT (-157.86381458239185 21.313247691507495)
Geometry:	

POLYGON ((-157.86394201107942 21.313541087491071, -157.86386690922672 21.313418648186982, -157.86403588839531 21.313308702602427, -157.86401979513988 21.313256228544059, -157.86414854117436 21.313216248296417, -157.86414585896662 21.313188761870535, -157.864049299443 21.313221245828071, -157.86395273991934 21.313051329661402, -157.86369256564262 21.313078816113009, -157.86365233250851 21.313098806257326, -157.86363087483761 21.313063823503846, -157.86350481101087 21.313088811185505, -157.86381326504491 21.313528593689249, -157.8638320405081 21.313546085011669, -157.86394201107942 21.313541087491071))

iHEER System - Locations Details

Locations ID:	6875
Location Type:	SB
Description:	Kekaulike D.H. Block
Comment :	Placed by RPM
Centroid:	POINT (-157.86350971853128 21.312478095198326)
Geometry:	

POLYGON ((-157.86338411160858 21.312898904696812, -157.86383204051708 21.312626538382947, -157.86376230307985 21.312506597093936, -157.86389909573757 21.312454122749813, -157.863893731322209 21.312439130076008, -157.86374889203216 21.312491604426338, -157.863657696933 21.312329183758134, -157.86354236193719 21.312159266558506, -157.86346726008449 21.312034327316837, -157.86325000115858 21.312156767775058, -157.8633626539376 21.312339178880805, -157.86329559870819 21.312374161806911, -157.86331169196359 21.312404147165385, -157.86329023429266 21.312434132517751, -157.86344848462133 21.312654024914909, -157.86326609441403 21.312723990608781, -157.86338411160858 21.312898904696812))

Site Details

Centroid:	POINT (-157.86371 21.313110000000005)
Updated On:	9/8/2020 2:56:50 PM
Coordinates:	21.313110000000005,-157.86371

Site Details

Centroid:	POINT (-157.864008 21.312228000000005)
Updated On:	9/8/2020 2:56:50 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Coordinates: 21.312228000000005,-157.864008

Site Details

Centroid: POINT (-157.863412 21.312577000000008)
 Updated On: 9/8/2020 2:56:50 PM
 Coordinates: 21.312577000000008,-157.863412

iHEER System - Aliases

Name: Kekaulike Ewa Block Revitalization

iHEER System - Aliases

Name: Kekaulike Diamond Head Block Revitalization

iHEER System - Aliases

Name: Kekaulike Block Revitalization

166	1 of 5	W	0.44 / 2,339.65	3.28 / 0	USCG BASE HONOLULU 400 SAND ISLAND PARKWAY HONOLULU HI 96819-1117	RCRA TSD
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EPA Handler ID: HI8690390036
 Gen Status Universe: Small Quantity Generator
 Contact Name: ZACHARY M SMITH
 Contact Address: 400 , SAND ISLAND PARKWAY , COAST GUARD BASE ATTN: ENVIRONMENTAL , HONOLULU , HI, 96819 , US
 Contact Phone No and Ext: 808-842-2906
 Contact Email: ZACHARY.M.SMITH@USCG.MIL
 Contact Country: US
 Land Type: Federal
 County Name: HONOLULU
 EPA Region: 09
 Receive Date: 20210802
 Location Latitude: 21.306403
 Location Longitude: -157.875503

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2023.

Violation Details

Found Violation: Yes
 Citation: S - 262.10-12.A
 Violation Short Description: Generators - General
 Violation Type: 262.A
 Violation Determined Date: 20000516
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20001220
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
 Enforcement Type Description: INITIAL 3008(A) COMPLIANCE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Action Date:		20000911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:		9500				
Final Amount:		7600				
Paid Amount:						
Enforcement Type:		310				
Enforcement Type Description:		FINAL 3008(A) COMPLIANCE ORDER				
Enforcement Action Date:		20001220				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:		7600				
Final Amount:		7600				
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:		S - 262.30-34.C				
Violation Short Description:		Generators - General				
Violation Type:		262.A				
Violation Determined Date:		20000516				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20001220				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		210				
Enforcement Type Description:		INITIAL 3008(A) COMPLIANCE				
Enforcement Action Date:		20000911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:		9500				
Final Amount:		7600				
Paid Amount:						
Enforcement Type:		310				
Enforcement Type Description:		FINAL 3008(A) COMPLIANCE ORDER				
Enforcement Action Date:		20001220				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:		7600				
Final Amount:		7600				
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:		S - 262.20-23.B				
Violation Short Description:		Generators - General				
Violation Type:		262.A				
Violation Determined Date:		20000516				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20001220				
Violation Responsible Agency:		State				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20001220
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 7600
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 9500
Final Amount: 7600
Paid Amount:

Violation Details

Found Violation: Yes
Citation: S - 279.20-24
Violation Short Description: Used Oil - Generators
Violation Type: 279.C
Violation Determined Date: 20000516
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20001220
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20001220
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 7600
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20000911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 9500
Final Amount: 7600
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.50-60
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19970114
Scheduled Compliance Date:
Return to Compliance: Observed

Actual Return to Compl: 19970211
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19970114
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation: FR - 262.30-34.C
 Violation Short Description: Generators - General
 Violation Type: 262.A
 Violation Determined Date: 19970114
 Scheduled Compliance Date:
 Return to Compliance: Observed
 Actual Return to Compl: 19970211
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19970114
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation: FR - 268.7
 Violation Short Description: LDR - General
 Violation Type: 268.A
 Violation Determined Date: 19970114
 Scheduled Compliance Date:
 Return to Compliance: Observed
 Actual Return to Compl: 19970211
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19970114
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation: FR - 262.50-60
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19970109
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19970211
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19970114
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 268.7
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19970109
Scheduled Compliance Date:
Return to Compliance: Unverifiable
Actual Return to Compl: 20000224
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19970114
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.50-60
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19940404
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19940730
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19940701
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.20-23.B
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19940404
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19940730
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19940701
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.40-43.D
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19940404
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19940730
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19940701
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.10-12.A
Violation Short Description: Generators - General

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Type:		262.A				
Violation Determined Date:		19940404				
Scheduled Compliance Date:						
Return to Compliance:		Observed				
Actual Return to Compl:		19940730				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940701				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Evaluation Details</u>						
Evaluation Start Date:		20120409				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20001220				
Evaluation Type Description:		NO LONGER A SIGNIFICANT NON-COMPLIER				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20000911				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20000224				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - General				
Return to Compliance Date:		20001220				
Evaluation Agency:		State				
Evaluation Start Date:		20000224				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20001220				
Evaluation Agency:		State				
Evaluation Start Date:		19960911				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		LDR - General				
Return to Compliance Date:		20000224				
Evaluation Agency:		EPA				
Evaluation Start Date:		19960911				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - General				
Return to Compliance Date:		19970211				
Evaluation Agency:		EPA				
Evaluation Start Date:		19960911				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19970211				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Agency:	EPA					
Evaluation Start Date:	19940730					
Evaluation Type Description:	NO LONGER A SIGNIFICANT NON-COMPLIER					
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:	EPA					
Evaluation Start Date:	19940404					
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER					
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:	EPA					
Evaluation Start Date:	19940404					
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:	Generators - General					
Return to Compliance Date:	19940730					
Evaluation Agency:	EPA					

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19920311
Handler Name:	U.S. COAST GUARD BASE HONOLULU
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report
TSD Activity:	Y

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	19940301
Handler Name:	COAST GUARD BASE HONOLULU
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report
TSD Activity:	N

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	19960222
Handler Name:	USCG BASE HONOLULU
Federal Waste Generator Code:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
TSD Activity:		N				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		19981014				
Handler Name:		USCG ISC HONOLULU				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
TSD Activity:		N				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		1				
Receive Date:		19990118				
Handler Name:		USCG I S C HONOLULU				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
TSD Activity:		N				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D000				
Waste Code Description:		DESCRIPTION				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					SOLVENT MIXTURES.	
Hazardous Waste Code:					F005	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
<u>Hazardous Waste Handler Details</u>						
Sequence No:					1	
Receive Date:					20180130	
Handler Name:					USCG I S C HONOLULU	
Federal Waste Generator Code:					2	
Generator Code Description:					Small Quantity Generator	
Source Type:					Implementer	
TSD Activity:					N	
<u>Waste Code Details</u>						
Hazardous Waste Code:					D001	
Waste Code Description:					IGNITABLE WASTE	
Hazardous Waste Code:					D002	
Waste Code Description:					CORROSIVE WASTE	
Hazardous Waste Code:					D003	
Waste Code Description:					REACTIVE WASTE	
Hazardous Waste Code:					D006	
Waste Code Description:					CADMIUM	
Hazardous Waste Code:					D008	
Waste Code Description:					LEAD	
Hazardous Waste Code:					D009	
Waste Code Description:					MERCURY	
Hazardous Waste Code:					D035	
Waste Code Description:					METHYL ETHYL KETONE	
Hazardous Waste Code:					F001	
Waste Code Description:					THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:					F003	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:					F005	
Waste Code Description:					THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20181228
 Handler Name: USCG I S C HONOLULU
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator
 Source Type: Implementer
 TSD Activity: N

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
 Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D006
 Waste Code Description: CADMIUM

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: D035
 Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F001
 Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20190110
 Handler Name: USCG BASE HONOLULU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20191227
Handler Name: USCG BASE HONOLULU
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification
TSD Activity: N

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:			D001 IGNITABLE WASTE			
Hazardous Waste Code: Waste Code Description:			D002 CORROSIVE WASTE			
Hazardous Waste Code: Waste Code Description:			D003 REACTIVE WASTE			
Hazardous Waste Code: Waste Code Description:			D006 CADMIUM			
Hazardous Waste Code: Waste Code Description:			D007 CHROMIUM			
Hazardous Waste Code: Waste Code Description:			D008 LEAD			
Hazardous Waste Code: Waste Code Description:			D009 MERCURY			
Hazardous Waste Code: Waste Code Description:			D035 METHYL ETHYL KETONE			
Hazardous Waste Code: Waste Code Description:			F001 THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code: Waste Code Description:			F003 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code: Waste Code Description:			F005 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20210419
Handler Name: USCG BASE HONOLULU
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		5				
Receive Date:		20210802				
Handler Name:		USCG BASE HONOLULU				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
TSD Activity:		N				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D006				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	400
Type:	Federal	Street 1:	SAND ISLAND PARKWAY
Name:	UNITED STATES COAST GUARD	Street 2:	
Date Became Current:		City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-541-2490	Country:	US
Source Type:	Notification	Zip Code:	96819-1117
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Federal	Street 1:	4 SAND ISLAND ACCESS ROAD USCG
Name:	UNITED STATES COAST GUARD	Street 2:	
Date Became Current:		City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-541-2490	Country:	US
Source Type:	Implementer	Zip Code:	96819-1117
Owner/Operator Ind:	Current Operator	Street No:	400
Type:	Federal	Street 1:	SAND ISLAND PARKWAY
Name:	UNITED STATES COAST GUARD	Street 2:	
Date Became Current:		City:	HONOLULU
Date Ended Current:		State:	HI
Phone:	808-541-2490	Country:	US
Source Type:	Notification	Zip Code:	96819-1117
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Federal	Street 1:	NOT REQUIRED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	NOT REQUIRED				Street 2:	
Date Became Current:					City:	NOT REQUIRED
Date Ended Current:					State:	ME
Phone:	415-555-1212				Country:	
Source Type:	Notification				Zip Code:	99999
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Federal				Street 1:	NOT REQUIRED
Name:	NOT REQUIRED				Street 2:	
Date Became Current:					City:	NOT REQUIRED
Date Ended Current:					State:	ME
Phone:	415-555-1212				Country:	US
Source Type:	Implementer				Zip Code:	99999
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Federal				Street 1:	4 SAND ISLAND ACCESS ROAD USCG
Name:	UNITED STATES COAST GUARD				Street 2:	
Date Became Current:					City:	HONOLULU
Date Ended Current:					State:	HI
Phone:	808-541-2490				Country:	
Source Type:	Notification				Zip Code:	96819-1117

Historical Handler Details

Receive Dt:	20210419
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG BASE HONOLULU
Receive Dt:	20191227
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG BASE HONOLULU
Receive Dt:	20190110
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG BASE HONOLULU
Receive Dt:	20181228
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG I S C HONOLULU
Receive Dt:	20180130
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG I S C HONOLULU
Receive Dt:	19990118
Generator Code Description:	Small Quantity Generator
Handler Name:	USCG I S C HONOLULU
Receive Dt:	19981014
Generator Code Description:	Large Quantity Generator
Handler Name:	USCG ISC HONOLULU
Receive Dt:	19960222
Generator Code Description:	Large Quantity Generator
Handler Name:	USCG BASE HONOLULU
Receive Dt:	19940301
Generator Code Description:	Large Quantity Generator
Handler Name:	COAST GUARD BASE HONOLULU
Receive Dt:	19920311
Generator Code Description:	Large Quantity Generator
Handler Name:	U.S. COAST GUARD BASE HONOLULU

166

2 of 5

W

0.44 /
2,339.65

3.28 /
0

U.S. Coast Guard Base Honolulu
400 Sand Island Pkwy
Honolulu HI 96819

SHWS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Public iHEER):		2347				
Site Name (Public iHEER):		U.S. Coast Guard Base Honolulu				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization, Honolulu Harbor Sand Island Unit, Honolulu High-Capacity Transit Corridor Project, USCG Base Honolulu				
Street (Public iHEER):		400 Sand Island Pkwy				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96819				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		10/30/2020 12:28:43 PM				
Ms Access ID (Public iHEER):		911				
Suppl Loc (Public iHEER):		400 Sand Island Pkwy, Honolulu, HI 96819				
Tax Map Keys (Public iHEER):		115041042				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2347				
Site Name (PORTAL):		U.S. Coast Guard Base Honolulu				
Loc Desc (PORTAL):		400 Sand Island Pkwy, Honolulu, HI 96819				
Address (PORTAL):		400 Sand Island Pkwy Honolulu, HI 96819				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA – TYPE UNDETERMINED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		John Peard				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2347/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 23, 2020
Document No: 177413
Type: Undetermined
Title: Well Abandonment Closure Report for United States Coast Guard Base Honolulu located at 400 Sand Island Parkway, Honolulu, HI

Imported From:

iHEER System - Documents

Date : Feb 6, 1995
Document No: 46790
Type: Undetermined
Title: 2/6/1995
Imported From: \facilitysite documents\media98\98.pdf

iHEER System - Documents

Date : Jul 15, 1994
Document No: 46792
Type: Undetermined
Title: Federal Facility PA Review
Imported From: \facilitysite documents\media39989\20141008092734281.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 16, 1995
Document No: 46788
Type: Undetermined
Title: Honolulu Harbor: Meeting Invite: 03/03/95
Imported From: 47208#\Heersharepoint1\facilitiesite%20documents\47208.pdf

iHEER System - Documents

Date : Feb 26, 2002
Document No: 46793
Type: Undetermined
Title: Request to Access a Government Record
Imported From: 114457#\Heersharepoint1\facilitiesite%20documents\114457.pdf

iHEER System - Documents

Date : Aug 15, 1994
Document No: 46789
Type: Undetermined
Title: U.S. Coast Guard Base Honolulu
Imported From: \facilitiesite documents\media1411\1411.pdf

iHEER System - Documents

Date : Mar 24, 1993
Document No: 46791
Type: Undetermined
Title: U.S. Coast Guard Base Honolulu Preliminary Assessment
Imported From: 39990#\Heersharepoint1\facilitiesite%20documents\39990.pdf

iHEER System - Locations Details

Locations ID: 2635
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.87369800000002 21.306179000000004)
Geometry:

POINT (-157.87369800000002 21.306179000000004)

iHEER System - Locations Details

Locations ID: 7081
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87410660489684 21.307092835144122)
Geometry:

POLYGON ((-157.87212488441662 21.304514732815342, -157.87109491614964 21.305014514730718, -157.8719317653694 21.30666378299059, -157.87394878654356 21.307813262039222, -157.8732943275491 21.308602898957169, -157.87525770454153 21.309852315788405, -157.87700650482475 21.307433435174776, -157.87212488441662 21.304514732815342))

Site Details

Centroid: POINT (-157.87369800000002 21.306179000000004)
Updated On: 10/30/2020 12:28:43 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Coordinates:		21.306179000000004,-157.87369800000002				
<u>iHEER System - Aliases</u>						
Name:	Honolulu Harbor Sand Island Unit					
<u>iHEER System - Aliases</u>						
Name:	Honolulu High-Capacity Transit Corridor Project					
<u>iHEER System - Aliases</u>						
Name:	Brownfields Closed Incomplete Characterization					
<u>iHEER System - Aliases</u>						
Name:	USCG Base Honolulu					
<u>iHEER System - Aliases</u>						
Name:	1% flood risk with SLR 3.2ft					

166	3 of 5	W	0.44 / 2,339.65	3.28 / 0	Coast Guard Base Honolulu 400 sand island parkway Honolulu HI 96819	LUST
Facility ID:	9-101798					
Source:	List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION					

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	970128
Status Date:	1/28/2000	Project Officer:	Renato Maniulit

166	4 of 5	W	0.44 / 2,339.65	3.28 / 0	U.S. Coast Guard Base Honolulu 400 Sand Island Pkwy Honolulu HI 96819	BROWNFIELDS
iHEER ID (Public iHEER):	2347					
Island (Public iHEER):	Oahu					
Site Name (Public iHEER):	U.S. Coast Guard Base Honolulu					
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization, Honolulu Harbor Sand Island Unit, Honolulu High-Capacity Transit Corridor Project, USCG Base Honolulu					
Street (Public iHEER):	400 Sand Island Pkwy					
City (Public iHEER):	Honolulu					
State (Public iHEER):	HI					
Zip Code (Public iHEER):	96819					
County (Public iHEER):	Honolulu					
Suppl Loc (Public iHEER):	400 Sand Island Pkwy, Honolulu, HI 96819					
Program (Public iHEER):	State					
Status Name (Public iHEER):	NFAIC					
Lead Agency (Public iHEER):	HEER Office					
Updated on (Public iHEER):	10/30/2020 12:28:43 PM					
Is Public (Public iHEER):	TRUE					
Ms Access ID (Public iHEER):	911					
Tax Map Keys (Public iHEER):	115041042					
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2347
Island (PORTAL): Oahu
Site Name (PORTAL): U.S. Coast Guard Base Honolulu
Address (PORTAL): 400 Sand Island Pkwy
 Honolulu, HI 96819
County (PORTAL): Honolulu
Loc Desc (PORTAL): 400 Sand Island Pkwy, Honolulu, HI 96819
Program (PORTAL): State
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): John Peard
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2347/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 6, 1995
Type: Undetermined
Title: 2/6/1995
Document No: 46790
Imported From: \facilitsite documents\media98\98.pdf

iHEER System - Documents

Date : Jul 15, 1994
Type: Undetermined
Title: Federal Facility PA Review
Document No: 46792
Imported From: \facilitsite documents\media39989\20141008092734281.pdf

iHEER System - Documents

Date : Feb 16, 1995
Type: Undetermined
Title: Honolulu Harbor: Meeting Invite: 03/03/95
Document No: 46788
Imported From: 47208#\Heersharepoint1\facilitsite%20documents\47208.pdf

iHEER System - Documents

Date : Feb 26, 2002
Type: Undetermined
Title: Request to Access a Government Record
Document No: 46793
Imported From: 114457#\Heersharepoint1\facilitsite%20documents\114457.pdf

iHEER System - Documents

Date : Aug 15, 1994
Type: Undetermined
Title: U.S. Coast Guard Base Honolulu
Document No: 46789
Imported From: \facilitsite documents\media1411\1411.pdf

iHEER System - Documents

Date : Mar 24, 1993
Type: Undetermined
Title: U.S. Coast Guard Base Honolulu Preliminary Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 46791
 Imported From: 39990#\Heersharepoint1\facilitiesite%20documents\39990.pdf

iHEER System - Documents

Date : Oct 23, 2020
 Type: Undetermined
 Title: Well Abandonment Closure Report for United States Coast Guard Base Honolulu located at 400 Sand Island Parkway, Honolulu, HI
 Document No: 177413
 Imported From:

Locations Details

Locations ID: 2635
 Location Type: SC
 Description:
 Comment : Google Earth
 Centroid: POINT (-157.87369800000002 21.306179000000004)
 Geometry:

POINT (-157.87369800000002 21.306179000000004)

Locations ID: 7081
 Location Type: SB
 Description:
 Comment : Placed by RPM
 Centroid: POINT (-157.87410660489684 21.307092835144122)
 Geometry:

POLYGON ((-157.87212488441662 21.304514732815342, -157.87109491614964 21.305014514730718, -157.8719317653694 21.30666378299059, -157.87394878654356 21.307813262039222, -157.8732943275491 21.308602898957169, -157.87525770454153 21.309852315788405, -157.87700650482475 21.307433435174776, -157.87212488441662 21.304514732815342))

Details

Centroid: POINT (-157.87369800000002 21.306179000000004)
 Updated On: 10/30/2020 12:28:43 PM
 Coordinates: 21.306179000000004,-157.87369800000002

166	5 of 5	W	0.44 / 2,339.65	3.28 / 0	400 SAND ISLAND PARKWAY HONOLULU HI 96819	ERNS PFAS
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SEQNOS: 1285233
 Year: 2020
 Date: 8/21/2020
 DTG: Occurred
 Incident Type: Vessel
 Geocode Addr Type: StreetAddress
 State Other : -
 Cause: Unknown
 Responsible Company: USCGC MIDGETT
 Responsible Org Type: MILITARY
 Location:
 Incident Description: CALLER IS REPORTING A RELEASE OF AN UNKNOWN AMOUNT OF AQUEOUS FILM FORMING FOAM (AFFF) FROM THE FIRE SUPPRESSION SYSTEM IN THE HANGER ON THE VESSEL. AN UNKNOWN AMOUNT OF FOAM HAS GONE OVERBOARD. THE CAUSE OF THE RELEASE IS UNKNOWN.

Distance from City:
 Directn from City:
 Unit Distance:
 Spatial Derivation: Geocoded
 County: HONOLULU
 Latitude: 21.30148648
 Longitude: -157.8704163

Details

Material Involved: AQUEOUS FILM FORMING FOAM (AFFF)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Amount of Material:		0				
Unit:		Unknown Amount				
Water Reached:		Yes				
Amount in Water:		0				
Unit Reached Water:		Unknown Amount				

167	1 of 1	ESE	0.44 / 2,341.62	3.28 / 0	LBTC Holdings, LLC dba LEX BRODIE'S TIRE COMPANY 701 S QUEEN ST Honolulu HI 96813	LUST
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Facility ID: 9-102200
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	910036
Status Date:	2/10/2003	Project Officer:	Jose Ruiz

168	1 of 5	S	0.44 / 2,348.75	3.28 / 0	Kakaako Block C Ilalo Street & Keawe Street Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1591
Site Name (Public iHEER): Kakaako Block C
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded
Street (Public iHEER): Ilalo Street & Keawe Street
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/12/2019 7:13:42 PM
Ms Access ID (Public iHEER): 2964
Suppl Loc (Public iHEER): Ilalo Street & Keawe Street
Tax Map Keys (Public iHEER): 121015052
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1591
Site Name (PORTAL): Kakaako Block C
Loc Desc (PORTAL): Ilalo Street & Keawe Street
Address (PORTAL): Ilalo Street & Keawe Street
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/1591/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 3942

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Type: SC
Description: Block C
Comment : Google Maps and TMK 121015052
Centroid: POINT (-157.864913 21.2970290000000006)
Geometry:

POINT (-157.864913 21.2970290000000006)

Site Details

Centroid: POINT (-157.864913 21.2970290000000006)
Updated On: 11/12/2019 7:13:42 PM
Coordinates: 21.2970290000000006,-157.864913

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Funded

168	2 of 5	S	0.44 / 2,348.75	3.28 / 0	Innovation Block at Lot C Ilalo St and Keawe St Honolulu HI 96815	SHWS
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iHEER ID (Public iHEER): 287
Site Name (Public iHEER): Innovation Block at Lot C
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Kakaako Makai
Street (Public iHEER): Ilalo St and Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): Hi
Zip (Public iHEER): 96815
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2539
Suppl Loc (Public iHEER): Ilalo St and Keawe St
Tax Map Keys (Public iHEER): 121015052
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 287
Site Name (PORTAL): Innovation Block at Lot C
Loc Desc (PORTAL): Ilalo St and Keawe St
Address (PORTAL): Ilalo St and Keawe St
 Honolulu, Hi 96815
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/287/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 22, 2013
Document No: 152864
Type: Undetermined
Title: Comments on the Environmental Assessment (EA) Pre-Assessment Consultation, University of Hawaii Life Sciences campus, Kakaako, Oahu HI
Imported From: 2013-104#Q:2013 Final Correspondence (Day File)\13-104-MGC.pdf

iHEER System - Documents

Date : Dec 13, 2017
Document No: 152852
Type: Undetermined
Title: Concurrence to the EHE-EHMP for Innovation Block C
Imported From: 2017-321#Q:2017 Final Correspondence (Day File)\17-321 MGC.pdf

iHEER System - Documents

Date : Sep 1, 2017
Document No: 152866
Type: Undetermined
Title: EHE-EHMP
Imported From: \facilitysite documents\media128338\EHE-EHMP - Sept 2017.pdf

iHEER System - Documents

Date : Jun 17, 2015
Document No: 152848
Type: Undetermined
Title: Environmental Assessment (EA) Pre-Assessment Consultation, Hawaii Community Development Authority, Innovation Block at Lot C Master Plan, TMK 1-2-1-015-052, Honolulu, Oahu HI
Imported From: 114909#\Heersharepoint1\facilitysite%20documents\114909.pdf

iHEER System - Documents

Date : Apr 7, 2019
Document No: 152860
Type: Undetermined
Title: FINAL EHE/EHMP
Imported From: \facilitysite documents\media137046\HNN-VK00-8DX99-v1-COR.pdf

iHEER System - Documents

Date : Mar 1, 2019
Document No: 152859
Type: Environmental Hazard Management Plan
Title: FINAL EHE/EHMP
Imported From: \facilitysite documents\media137046\EHE-EHMP 20190328-v1.pdf

iHEER System - Documents

Date : Sep 18, 2017
Document No: 152857
Type: Undetermined
Title: HCDA INNOVATION Block at Lot 'C'
Imported From: \facilitysite documents\media128181\128181.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Nov 10, 2015				
Document No:		152851				
Type:		Undetermined				
Title:		Phase I ESA Innovation Block at Lot C Master Plan Ilalo St and Keawe St, Honolulu, Oahu HI 96815, TMK 1-2-1-015-052, Jul 2015				
Imported From:		\\facilitysite documents\media116112\ABigIdeaForLotCKakaakoMakai.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 10, 2015				
Document No:		152850				
Type:		Undetermined				
Title:		Phase I ESA Innovation Block at Lot C Master Plan Ilalo St and Keawe St, Honolulu, Oahu HI 96815, TMK 1-2-1-015-052, Jul 2015				
Imported From:		116112#\Heersharepoint1\facilitysite%20documents\116112.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2015				
Document No:		183059				
Type:		Undetermined				
Title:		Phase I ESA Master Plan				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 2, 2017				
Document No:		152862				
Type:		Undetermined				
Title:		Phase II ESA				
Imported From:		\\facilitysite documents\media126253\PHASE II ENVIRONMENTAL SITE ASSESSMENT.pdf				
<u>iHEER System - Documents</u>						
Date :		May 2, 2017				
Document No:		152861				
Type:		Undetermined				
Title:		Phase II ESA				
Imported From:		\\facilitysite documents\media126253\DECISION UNIT MAP.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2004				
Document No:		152854				
Type:		Undetermined				
Title:		Phase II ESA Foreign Trade Zone Ala Moana Boulevard Kakaako Makai, Honolulu HI, TMK 1-2-1-015: Parcels 009 (por) & 035				
Imported From:		127370#\Heersharepoint1\facilitysite%20documents\127370.pdf				
<u>iHEER System - Documents</u>						
Date :						
Document No:		152853				
Type:		Undetermined				
Title:		Phase II ESA Notes				
Imported From:		125637#\Heersharepoint1\facilitysite%20documents\125637.pdf				
<u>iHEER System - Documents</u>						
Date :						
Document No:		183060				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Phase II ESA Work Plan Draft				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2018				
Document No:		163484				
Type:		Review Letter				
Title:		Review of Letter Subject: Summary Letter – Jun 25th Soil Stockpile Sampling Innovation Block at Lot 'C' Project, Phase 1 – Entrepreneurs Sandbox, Ilalo Street and Keawe Street, Honolulu, Oahu, Hawaii, dated Jun 29, 2018				
Imported From:		2018-193#Q:\2018 Final Correspondence (Day File)\18-193 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		May 4, 2017				
Document No:		152855				
Type:		Undetermined				
Title:		Review of the Work Plan for Innovation Block at Lot C Project				
Imported From:		2017-131#Q:\2017 Final Correspondence (Day File)\17-131 MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2017				
Document No:		152858				
Type:		Undetermined				
Title:		Site Investigation Report				
Imported From:		\\facilitysite documents\media128181\Site Investigation Report 20170828.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 31, 2017				
Document No:		152856				
Type:		Undetermined				
Title:		Site Investigation Work Plan Innovation Block at Lot 'C' Project Ilalo Street and Keawe St, Honolulu, Oahu, HI, TMK 1-2-1-015-052				
Imported From:		127817#\Heersharepoint1\facilitysite%20documents\127817.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 27, 2017				
Document No:		152867				
Type:		Undetermined				
Title:		Approval of the Site Investigation Work Plan for Innovation Block at Lot C Project.				
Imported From:		2017-198#Q:\2017 Final Correspondence (Day File)\17-198 MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 22, 2013				
Document No:		152863				
Type:		Undetermined				
Title:		Comments on the Environmental Assessment (EA) Pre-Assessment Consultation, University of Hawaii Life Sciences campus, Kakaako, Oahu HI				
Imported From:		102301#\Heersharepoint1\facilitysite%20documents\102301.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2017				
Document No:		152849				
Type:		Undetermined				
Title:		Site Investigation Work Plan Innovation Block at Lot 'C' Project Ilalo Street and Keawe St, Honolulu, Oahu, HI, TMK				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 1-2-1-015-052
126195#\Heersharepoint1\facilitiesite%20documents\126195.pdf

iHEER System - Locations Details

Locations ID: 3316
 Location Type: SC
 Description: Innovation Block at Lot C
 Comment : Google Earth
 Centroid: POINT (-157.86465400000003 21.29697500000001)
 Geometry:

POINT (-157.86465400000003 21.29697500000001)

iHEER System - Locations Details

Locations ID: 7107
 Location Type: EHMP
 Description: EHMP Innovation Block
 Comment : Google Maps and Doc 152859
 Centroid: POINT (-157.86486769869549 21.297058039408785)
 Geometry:

POLYGON ((-157.86469557432707 21.298162539994468, -157.86489137558206 21.298010099582651, -157.86586501745057 21.296823058177033, -157.86599108135817 21.29668486095439, -157.86519714740842 21.296040855126158, -157.86370583919418 21.297132939384745, -157.86469557432707 21.298162539994468))

Site Details

Centroid: POINT (-157.86465400000003 21.29697500000001)
 Updated On: 5/30/2019 8:35:41 PM
 Coordinates: 21.29697500000001,-157.86465400000003

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Brownfields Low Priority Site

168	3 of 5	S	0.44 / 2,348.75	3.28 / 0	Kakaako Block C Ilalo Street & Keawe Street Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 1591
 Island (Public iHEER): Oahu
 Site Name (Public iHEER): Kakaako Block C
 Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded
 Street (Public iHEER): Ilalo Street & Keawe Street
 City (Public iHEER): Honolulu
 State (Public iHEER): HI
 Zip Code (Public iHEER): 96813
 County (Public iHEER): Honolulu
 Suppl Loc (Public iHEER): Ilalo Street & Keawe Street
 Program (Public iHEER): SRP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status Name (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 11/12/2019 7:13:42 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 2964
Tax Map Keys (Public iHEER): 121015052
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 1591
Island (PORTAL): Oahu
Site Name (PORTAL): Kakaako Block C
Address (PORTAL): Ilalo Street & Keawe Street
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): Ilalo Street & Keawe Street
Program (PORTAL): SRP
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1591/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

Locations Details

Locations ID: 3942
Location Type: SC
Description: Block C
Comment : Google Maps and TMK 121015052
Centroid: POINT (-157.864913 21.297029000000006)
Geometry:

POINT (-157.864913 21.297029000000006)

Details

Centroid: POINT (-157.864913 21.297029000000006)
Updated On: 11/12/2019 7:13:42 PM
Coordinates: 21.297029000000006,-157.864913

168	4 of 5	S	0.44 / 2,348.75	3.28 / 0	Innovation Block at Lot C Ilalo St and Keawe St Honolulu HI 96815	INST
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HID No:
Fac Registry ID:
Assessment: Response Necessary
Response: Response Ongoing
Resp Act Complete:
Potential Haz/Ctrls: Hazard Managed With Controls
Date Issued: 11/29/2017 3:04:59 AM
Priority: Low
Engineer Control: No Engineering Control Required
Institutional Control: Government - Hawaii Dept. of Health Letter Issued
Supplemental Location: Kakaako
Within Design. Area Contam.:
SDAR Enviro Interest Name: Innovation Block at Lot C
Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination: Found: Lead in soil.

Lead Agency: HEER
Project Manager: Melody Calisay
Document Date:
Document No:
Island: Oahu
Loc State USPS Cd: Hi
Loc Zip Suffix:
Latitude:
Longitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

TMK Information

TMK: 121015052
Acres from TMK: 121015052
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	287	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	2539	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organtzns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	Ilalo St and Keawe St
COPC Action Reqd:	false	State:	Hi
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	melody.calisay@doh.hawaii.gov
Program History:			

168	5 of 5	S	0.44 / 2,348.75	3.28 / 0	Innovation Block at Lot C Ilalo St and Keawe St Honolulu HI 96815	BROWNFIELDS
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iHEER ID (Public iHEER): 287
Island (Public iHEER): Oahu
Site Name (Public iHEER): Innovation Block at Lot C
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Kakaako Makai
Street (Public iHEER): Ilalo St and Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): Hi
Zip Code (Public iHEER): 96815
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Ilalo St and Keawe St
Program (Public iHEER): State
Status Name (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 2539
Tax Map Keys (Public iHEER): 121015052
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Suppl Loc Text (Non Public):

iHEER ID (PORTAL): 287
Island (PORTAL): Oahu
Site Name (PORTAL): Innovation Block at Lot C
Address (PORTAL): Ilalo St and Keawe St
 Honolulu, Hi 96815
County (PORTAL): Honolulu
Loc Desc (PORTAL): Ilalo St and Keawe St
Program (PORTAL): State
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/287/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jun 27, 2017
Type: Undetermined
Title: Approval of the Site Investigation Work Plan for Innovation Block at Lot C Project.
Document No: 152867
Imported From: 2017-198#Q:\2017 Final Correspondence (Day File)\17-198 MGC.pdf

iHEER System - Documents

Date : Feb 22, 2013
Type: Undetermined
Title: Comments on the Environmental Assessment (EA) Pre-Assessment Consultation, University of Hawaii Life Sciences campus, Kakaako, Oahu HI
Document No: 152863
Imported From: 102301#\Heersharepoint1\facilitiesite%20documents\102301.pdf

iHEER System - Documents

Date : Feb 22, 2013
Type: Undetermined
Title: Comments on the Environmental Assessment (EA) Pre-Assessment Consultation, University of Hawaii Life Sciences campus, Kakaako, Oahu HI
Document No: 152864
Imported From: 2013-104#Q:\2013 Final Correspondence (Day File)\13-104-MGC.pdf

iHEER System - Documents

Date : Dec 13, 2017
Type: Undetermined
Title: Concurrence to the EHE-EHMP for Innovation Block C
Document No: 152852
Imported From: 2017-321#Q:\2017 Final Correspondence (Day File)\17-321 MGC.pdf

iHEER System - Documents

Date : Sep 1, 2017
Type: Undetermined
Title: EHE-EHMP
Document No: 152866
Imported From: \facilitiesite documents\media128338\EHE-EHMP - Sept 2017.pdf

iHEER System - Documents

Date : Jun 17, 2015
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Environmental Assessment (EA) Pre-Assessment Consultation, Hawaii Community Development Authority, Innovation Block at Lot C Master Plan, TMK 1-2-1-015-052, Honolulu, Oahu HI	
Document No:					152848	
Imported From:					114909#\Heersharepoint1\facilitiesite%20documents\114909.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 7, 2019	
Type:					Undetermined	
Title:					FINAL EHE/EHMP	
Document No:					152860	
Imported From:					\facilitiesite documents\media137046\HNN-VK00-8DX99-v1-COR.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 1, 2019	
Type:					Environmental Hazard Management Plan	
Title:					FINAL EHE/EHMP	
Document No:					152859	
Imported From:					\facilitiesite documents\media137046\EHE-EHMP 20190328-v1.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 18, 2017	
Type:					Undetermined	
Title:					HCDA INNOVATION Block at Lot 'C'	
Document No:					152857	
Imported From:					\facilitiesite documents\media128181\128181.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 10, 2015	
Type:					Undetermined	
Title:					Phase I ESA Innovation Block at Lot C Master Plan Ilalo St and Keawe St, Honolulu, Oahu HI 96815, TMK 1-2-1-015-052, Jul 2015	
Document No:					152851	
Imported From:					\facilitiesite documents\media116112\ABigIdeaForLotCKakaakoMakai.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 10, 2015	
Type:					Undetermined	
Title:					Phase I ESA Innovation Block at Lot C Master Plan Ilalo St and Keawe St, Honolulu, Oahu HI 96815, TMK 1-2-1-015-052, Jul 2015	
Document No:					152850	
Imported From:					116112#\Heersharepoint1\facilitiesite%20documents\116112.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 1, 2015	
Type:					Undetermined	
Title:					Phase I ESA Master Plan	
Document No:					183059	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 2, 2017	
Type:					Undetermined	
Title:					Phase II ESA	
Document No:					152862	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\\facilitysite documents\media126253\PHASE II ENVIRONMENTAL SITE ASSESSMENT.pdf				
<u>iHEER System - Documents</u>						
Date :		May 2, 2017				
Type:		Undetermined				
Title:		Phase II ESA				
Document No:		152861				
Imported From:		\\facilitysite documents\media126253\DECISION UNIT MAP.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2004				
Type:		Undetermined				
Title:		Phase II ESA Foreign Trade Zone Ala Moana Boulevard Kakaako Makai, Honolulu HI, TMK 1-2-1-015: Parcels 009 (por) & 035				
Document No:		152854				
Imported From:		127370#\Heersharepoint1\facilitysite%20documents\127370.pdf				
<u>iHEER System - Documents</u>						
Date :		Undetermined				
Type:		Phase II ESA Notes				
Title:		Phase II ESA Notes				
Document No:		152853				
Imported From:		125637#\Heersharepoint1\facilitysite%20documents\125637.pdf				
<u>iHEER System - Documents</u>						
Date :		Undetermined				
Type:		Phase II ESA Work Plan Draft				
Title:		Phase II ESA Work Plan Draft				
Document No:		183060				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2018				
Type:		Review Letter				
Title:		Review of Letter Subject: Summary Letter – Jun 25th Soil Stockpile Sampling Innovation Block at Lot 'C' Project, Phase 1 – Entrepreneurs Sandbox, Ilalo Street and Keawe Street, Honolulu, Oahu, Hawaii, dated Jun 29, 2018				
Document No:		163484				
Imported From:		2018-193#Q:\2018 Final Correspondence (Day File)\18-193 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		May 4, 2017				
Type:		Undetermined				
Title:		Review of the Work Plan for Innovation Block at Lot C Project				
Document No:		152855				
Imported From:		2017-131#Q:\2017 Final Correspondence (Day File)\17-131 MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2017				
Type:		Undetermined				
Title:		Site Investigation Report				
Document No:		152858				
Imported From:		\\facilitysite documents\media128181\Site Investigation Report 20170828.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 31, 2017
Type: Undetermined
Title: Site Investigation Work Plan Innovation Block at Lot 'C' Project Ilalo Street and Keawe St, Honolulu, Oahu, HI, TMK 1-2-1-015-052
Document No: 152856
Imported From: 127817#\Heersharepoint1\facilitiesite%20documents\127817.pdf

iHEER System - Documents

Date : Mar 1, 2017
Type: Undetermined
Title: Site Investigation Work Plan Innovation Block at Lot 'C' Project Ilalo Street and Keawe St, Honolulu, Oahu, HI, TMK 1-2-1-015-052
Document No: 152849
Imported From: 126195#\Heersharepoint1\facilitiesite%20documents\126195.pdf

Locations Details

Locations ID: 3316
Location Type: SC
Description: Innovation Block at Lot C
Comment : Google Earth
Centroid: POINT (-157.86465400000003 21.29697500000001)
Geometry:

POINT (-157.86465400000003 21.29697500000001)

Locations ID: 7107
Location Type: EHMP
Description: EHMP Innovation Block
Comment : Google Maps and Doc 152859
Centroid: POINT (-157.86486769869549 21.297058039408785)
Geometry:

POLYGON ((-157.86469557432707 21.298162539994468, -157.86489137558206 21.298010099582651, -157.86586501745057 21.296823058177033, -157.86599108135817 21.29668486095439, -157.86519714740842 21.296040855126158, -157.86370583919418 21.297132939384745, -157.86469557432707 21.298162539994468))

Details

Centroid: POINT (-157.86465400000003 21.29697500000001)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.29697500000001,-157.86465400000003

169	1 of 1	S	0.45 / 2,350.12	3.28 / 0	Inovation Block at Lot C Ilalo St and Keawe St Kakaako HI 96815	DELISTED SHWS
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Delisted HEER Sites of Interest

HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	Melody Calisay
Assessment:	Assessment Ongoing	Document Date:	
Response:		Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrl:	Hazard Undetermined	Loc State USPS Cd:	Hi
Date Issued:		Loc ZIP Suffix:	
Priority:	Low	Latitude:	
Engineer Control:		Longitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Institutional Control:
Supplemental Location:
Within Design. Area Contam.:
SDAR Enviro Interest Name: Inovation Block at Lot C
Program Full Name: State
Use Restrictions: Undetermined
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination:
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Program Designation:
Data Source(s):
Original Source: SHWS
Record Date: 23-JAN-2018

170	1 of 1	N	0.45 / 2,371.27	1.95 / -1	State of Hawaii - DLNR - 190 N. Nimitz Highway HONOLULU HI 96817	FED BROWNFIELDS
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Property ID: 244660
Property Name: State of Hawaii - DLNR -
Address: 190 N. Nimitz Highway
City: HONOLULU
State Code: HI
Zip Code: 96817
Lat Measure: 21.31368346
Long Measure: -157.8652597
Primary Name (Map): STATE OF HAWAII - DLNR -
Location Address (Map): 190 N. NIMITZ HIGHWAY
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96817
Latitude (Map): 21.31368346
Longitude (Map): -157.8652597
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071089319	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		STATE OF HAWAII - DLNR -				
RCRA Drupa:						
Repow Ref :					https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:31025	
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22244660.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page31368346&featype=point&radius=1.0	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8652597%2C21.31368346&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8652597%2C21.31368346&featype=point&radius=1.0	
ERR Lat Lo:						
LUST ID:					UST Status:	
SAA Site:					UST Substa:	
UST Landus:					UST SPA Fa:	
UST Closed:					UST SPA Wa:	
UST Open:					UST WHPA F:	
SF Site Na:					UST WHPA W:	
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		State of Hawaii - DLNR -				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						
REPOW Re 1:					RE-Powering Site Profile	
REPOW Ref1:		31025				
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcb's :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Voc's :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Drk Wat:					Redev Acres:	
ASMT Grd Water:					Flag Cleanup Reqd:	U
ASMT Lead :					Flag IC in Place:	
ASMT Oth Cont:					Flag IC Required:	U
ASMT Oth Metal :					Past Acres:	
ASMT Pahs :					Past Cml Acres:	
ASMT Pcb's :					Past Grnspc Acres:	
ASMT Sediments :					Past Res Acres:	
ASMT Soil :					Future Acres:	
ASMT Srf Water :					Future Cml Acres:	
ASMT Voc's :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevICes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.31368346
Cleanup Drk Wat:					Longitude Measure:	-157.8652597
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		1-5-040-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.06				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		190 N. Nimitz Highway				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96817				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	11				Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	6663
Clnup Bldg Mats :					Low Income Pct:	49.56
Clnup Cadmium :					Median Income:	8437
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	517
Clnup Mercury :					Vacant Housing Pct:	8.13
Clnup Nickel :					Total Unemployed:	564
Clnup None :					Unemployed Pct:	4.19
Clnup of Structurs:					Below Poverty:	3441
Clnup oorair :					Below Poverty Pct:	25.59
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd SrCs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ASMT Vocs :					Future Grnspc Acre:	
Asses Petrol Prod :					Future Res Acres:	
Assess Type:					Redev Amount:	
Assess Amount:					Redev Cleanup Jobs:	
Assess Cmpltn Dt:					Redev Start Dt:	
Assess Start Dt:					Gov Cntrl :	
Cleanup Amount:					Info DevlCes :	
Cleanup Acres:					Sfllp Factor :	
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.31368346
Cleanup Drk Wat:					Longitude Measure:	-157.8652597
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		1-5-040-003				
Assess Fnd Ent Nm:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.06				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		190 N. Nimitz Highway				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96817				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	6				Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	6663
Clnup Bldg Mats :					Low Income Pct:	49.56
Clnup Cadmium :					Median Income:	8437
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	517

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Mercury :					Vacant Housing Pct:	8.13
Clnup Nickel :					Total Unemployed:	564
Clnup None :					Unemployed Pct:	4.19
Clnup of Structures:					Below Poverty:	3441
Clnup oorair :					Below Poverty Pct:	25.59
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						
Ctmnt Rec:						

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	
Cleanup Cntrl Sub :					Latitude Measure:	21.31368346
Cleanup Drk Wat:					Longitude Measure:	-157.8652597
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		1-5-040-003				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		Honolulu Authority for Rapid Transportation				
Redev Funding Entity Name:						
Property Name:		State of Hawaii - DLNR -				
Property Size:		.06				
IC Data Address:						
IC in Place Date:						
Current Owner:						
Address:		190 N. Nimitz Highway				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96817				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	1				Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY21
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	6663
Clnup Bldg Mats :					Low Income Pct:	49.56
Clnup Cadmium :					Median Income:	8437
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	517
Clnup Mercury :					Vacant Housing Pct:	8.13
Clnup Nickel :					Total Unemployed:	564
Clnup None :					Unemployed Pct:	4.19
Clnup of Structures:					Below Poverty:	3441
Clnup oorair :					Below Poverty Pct:	25.59
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Env Clnup Jobs: Repayment Period:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded: Phase I
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Crmplt Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.31368346
Cleanup Drk Wat:		Longitude Measure:	-157.8652597
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	1-5-040-003		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: State of Hawaii - DLNR -
Property Size: .06
IC Data Address:
IC in Place Date:
Current Owner:
Address: 190 N. Nimitz Highway
City: HONOLULU
State Code: HI
Zip Code: 96817
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 5
GPA Type Desc: Cleanup Activity
Dt RLF Loan Signed:
Dt RLF Sbrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structures:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srce:
Redev Cmpltn Date:
Clnup Trmt Tech Info:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immblyztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 6663
Low Income Pct: 49.56
Median Income: 8437
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 517
Vacant Housing Pct: 8.13
Total Unemployed: 564
Unemployed Pct: 4.19
Below Poverty: 3441
Below Poverty Pct: 25.59
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.31368346
Cleanup Drk Wat:		Longitude Measure:	-157.8652597
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	1-5-040-003		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	State of Hawaii - DLNR -		
Property Size:	.06		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	190 N. Nimitz Highway		
City:	HONOLULU		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State Code:		HI				
Zip Code:		96817				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:						
Coop Agreement No:	99T63501				Env EC in Place:	
GPA Type ID:	10				Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged				Env IC in Place:	
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:					Flg EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC in Place:	
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	U
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	Y
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	6663
Clnup Bldg Mats :					Low Income Pct:	49.56
Clnup Cadmium :					Median Income:	8437
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	BF
Clnup Doc:					Pro Income Amt:	
Clnup Iron :					Vacant Housing:	517
Clnup Mercury :					Vacant Housing Pct:	8.13
Clnup Nickel :					Total Unemployed:	564
Clnup None :					Unemployed Pct:	4.19
Clnup of Structures:					Below Poverty:	3441
Clnup oorair :					Below Poverty Pct:	25.59
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:						
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcs:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:						
Ctmnt Found:						
Other Forms of Doc:						
Highlights:						
Ctmnt Cleanedup:						
Media Affected:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Rec:

171	1 of 1	SSE	0.46 / 2,411.28	3.28 / 0	THEO H. DAVIES EUROMOTORS, LTD. 704 ALA MOANA BLVD Honolulu HI 96813	LUST
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Facility ID: 9-101329
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	920169
Status Date:	3/4/1999	Project Officer:	Jeffrey Ung

172	1 of 5	S	0.47 / 2,502.59	3.28 / 0	HCDA/UH Medical School 651 Ilalo St Honolulu HI 96813	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110013791673	Project Manager:	Laura Young
Assessment:	Assessment Ongoing	Document Date:	12/30/2002 12:12:59 AM
Response:	Response Ongoing	Document No:	
Resp Act Complete:	12/30/2002 12:12:59 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	1/19/2012 2:20:34 AM	Loc Zip Suffix:	
Priority:	High	Latitude:	21.296035
Engineer Control:	Engineering Control Required	Longitude:	-157.86377
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	HCDA/UH Medical School		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: The whole Kakaako area is considered contaminated area. The site is filled with ash material generated from two incinerators previously operating at the site. Pb was found to be above HDOH EAL for commercial/industrial		
Nature of Residual Contam.:			
Description of Restrictions:	An exposure management plan is in use.		
Doc Subject:	NFA Letter		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.328598
Longitude:	-157.827823
Comments:	
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.295887
Longitude:	-157.862856
Comments:	
Contact Information:	

Coordinate for Mapping:	Yes
Latitude:	21.296035
Longitude:	-157.86377
Comments:	XTRA_ADD: PrimaryTemp
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TMK Information

TMK: 121060010
Acres from TMK:
Description of Portion: TMK Number is Discontinued.
Acres for Discontinued Tmks: 2.07806322625
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121060009
Acres from TMK: 121060009
Description of Portion: Renumbered.
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	2464	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	365	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	GR
Contamintion Above:	false	Location Desc:	651 Ilalo St
COPC Action Reqd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	laura.young@doh.hawaii.gov
Program History:			

HEER Online - Location

Locations ID:	1657	Incident ID:	
Location Type:	SC	Description:	
Comment:	Centroid, TMK 121060009; PrimaryTemp; XTRA_ADD: PrimaryTemp ;		
Geometry:	POINT (-157.864 21.296)		
Centroid:	POINT (-157.864 21.296)		

172	2 of 5	S	0.47 / 2,502.59	3.28 / 0	HCDA/UH Medical School 651 Ilalo St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2464
Site Name (Public iHEER): HCDA/UH Medical School
Aliases (Public iHEER): Brownfields High Priority Site, HCDA/UH Health and Wellness Center, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, University of Hawaii Cancer Research Center of Hawaii
Street (Public iHEER): 651 Ilalo St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/3/2019 12:24:32 PM
Ms Access ID (Public iHEER): 365
Suppl Loc (Public iHEER): 651 Ilalo St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tax Map Keys (Public iHEER): iHEER ID (Non Public iHEER): Site Name (Non Public iHEER): Address (Non Public iHEER): City State Zip (Non Public): Suppl Loc Text(Non Public): iHEER ID (PORTAL): Site Name (PORTAL): Loc Desc (PORTAL): Address (PORTAL): County (PORTAL): Island (PORTAL): Status (PORTAL): Priority (PORTAL): Lead Agency (PORTAL): Program (PORTAL): Assigned Rpm (PORTAL): Details URL (PORTAL): Data Source(s):			121060009, 121060010		2464 HCDA/UH Medical School 651 Ilalo St 651 Ilalo St Honolulu, HI 96813 Honolulu Oahu NFA W/ICS Unranked HEER Office State Melody Calisay https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2464/details/view iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)	

iHEER System - Documents

Date : Aug 27, 2002
Document No: 34059
Type: Undetermined
Title: 2 copies for Comprehensive Summary of Phase II ESA Sampling Plan
Imported From: 4405#\Heersharepoint1\facilitysite%20documents\4405.pdf

iHEER System - Documents

Date : Oct 31, 2011
Document No: 34047
Type: Undetermined
Title: Addendum to Kimura International, Inc's Environmental Health Management Plan for the University of Hawaii Cancer Center, Sep 7, 2010
Imported From: 125947#\Heersharepoint1\facilitysite%20documents\125947.pdf

iHEER System - Documents

Date : Dec 2, 2011
Document No: 34043
Type: Undetermined
Title: Addendum to UH Cancer Research Center EHMP
Imported From: 2011-699#Q:\2011 Final Correspondence (Day File)\11-699-RB.pdf

iHEER System - Documents

Date : Mar 26, 2002
Document No: 34028
Type: Undetermined
Title: Additional Phase II ESA Report, 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Imported From: 37851#\Heersharepoint1\facilitysite%20documents\37851.pdf

iHEER System - Documents

Date : Apr 19, 2002
Document No: 34066
Type: Undetermined
Title: Additional Phase II, ESA Report, 651 Ilalo St, Honolulu, prepared by Kimura International Inc for Hawaii Community Development Authority
Imported From: 4403#\Heersharepoint1\facilitysite%20documents\4403.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 8, 2010
Document No: 33988
Type: Undetermined
Title: Approval of the EHMP for the Cancer Research Institute
Imported From: 2010-577#Q:\2010 Final Correspondence (Day File)\10-577-MGC.pdf

iHEER System - Documents

Date : Sep 3, 2010
Document No: 182800
Type: Undetermined
Title: Approval of the Responses to SMA Questions
Imported From:

iHEER System - Documents

Date : Jan 20, 2012
Document No: 34051
Type: Undetermined
Title: Approval of the Revision to Addendum to UH Cancer Center EHMP
Imported From: 2012-027#Q:\2012 Final Correspondence (Day File)\12-027-MGC.pdf

iHEER System - Documents

Date : Apr 22, 2002
Document No: 33992
Type: Undetermined
Title: Comments to the Draft EA for the University of Hawaii, Health and Wellness Center, Mar 2002
Imported From: 50186#\Heersharepoint1\facilitiesite%20documents\50186.pdf

iHEER System - Documents

Date : Aug 26, 2002
Document No: 34040
Type: Undetermined
Title: Comprehensive Summary of Phase II ESA Sampling Data 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Imported From: 37852#\Heersharepoint1\facilitiesite%20documents\37852.pdf

iHEER System - Documents

Date : Apr 3, 2002
Document No: 34061
Type: Undetermined
Title: Draft Environmental Assessment for UH Health & Wellness Center at Kakaako
Imported From: 4402#\Heersharepoint1\facilitiesite%20documents\4402.pdf

iHEER System - Documents

Date : May 14, 2002
Document No: 34042
Type: Undetermined
Title: Draft Environmental Assessment, University of Hawaii Health and Wellness Center, Kakaako, Oahu HI, TMK 2-1-060-010 and (por) 009
Imported From: 4401#\Heersharepoint1\facilitiesite%20documents\4401.pdf

iHEER System - Documents

Date : Jul 14, 2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			15314			
Type:			Undetermined			
Title:			Draft Preliminary Soil Sampling Report			
Imported From:			91631#\Heersharepoint1\facilitiesite%20documents\91631.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2010			
Document No:			13808			
Type:			Undetermined			
Title:			EHMP for the University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Imported From:			92322#\Heersharepoint1\facilitiesite%20documents\92322.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2010			
Document No:			34052			
Type:			Undetermined			
Title:			EHMP for the University of Hawaii, Cancer Research Center of Hawaii, Kakaako, HI, Aug 10, 2010			
Imported From:			92323#\Heersharepoint1\facilitiesite%20documents\92323.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2010			
Document No:			34050			
Type:			Undetermined			
Title:			EHMP Revision 1, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Imported From:			\facilitiesite documents\media92646\Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2010			
Document No:			34049			
Type:			Undetermined			
Title:			EHMP Revision 1, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Imported From:			\facilitiesite documents\media92646\Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 3, 2002			
Document No:			34025			
Type:			Undetermined			
Title:			Field Sampling Plan Produce Center 651 Ilalo St Kakaako Makai, Honolulu HI, TMK 1-2-1-060-009 and 010			
Imported From:			37854#\Heersharepoint1\facilitiesite%20documents\37854.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 16, 2002			
Document No:			34030			
Type:			Undetermined			
Title:			Field Sampling Plan Produce Center 651 Ilalo St Kakaako Makai, Honolulu HI, TMK 1-2-1-060-009 and 010 (Non-Color Copy)			
Imported From:			37855#\Heersharepoint1\facilitiesite%20documents\37855.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 2010			
Document No:			4052			
Type:			Undetermined			
Title:			Final EHMP			
Imported From:			92797#\Heersharepoint1\facilitiesite%20documents\92797.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 7, 2010
Document No: 4051
Type: Undetermined
Title: Final EHMP, University of Hawaii Cancer Research Center of Hawaii at the John A. Burns School of Medicine, Kakaako Waterfront Campus, 651 Ilalo St, Honolulu HI 96813
Imported From: 92798#\Heersharepoint1\facilitiesite%20documents\92798.pdf

iHEER System - Documents

Date : Feb 22, 2002
Document No: 34063
Type: Undetermined
Title: HCDA Work Plan
Imported From: 4411#\Heersharepoint1\facilitiesite%20documents\4411.pdf

iHEER System - Documents

Date :
Document No: 182801
Type: Undetermined
Title: Informational Material
Imported From:

iHEER System - Documents

Date : Jan 16, 2002
Document No: 34027
Type: Undetermined
Title: Limited Phase II ESA Report, 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Imported From: 37850#\Heersharepoint1\facilitiesite%20documents\37850.pdf

iHEER System - Documents

Date : Jan 17, 2012
Document No: 183050
Type: Undetermined
Title: Notice of Public Hearing
Imported From:

iHEER System - Documents

Date : May 8, 2001
Document No: 34038
Type: Undetermined
Title: Phase I ESA Report Produce Center & Department of Agriculture Facility 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Imported From: 37849#\Heersharepoint1\facilitiesite%20documents\37849.pdf

iHEER System - Documents

Date : Jul 12, 2002
Document No: 34021
Type: Undetermined
Title: Proposed Site for UH Health and Wellness Center, Kakaako, Makai Comments to the Field Sampling Plan
Imported From: 2002-318#Q:\2002 Final Correspondence (Day File)\02-318-LY.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 16, 2010
Document No: 34057
Type: Undetermined
Title: Review of the EHMP for Cancer Research Center of Hawaii
Imported From: 2010-480#Q:\2010 Final Correspondence (Day File)\10-480-MGC.pdf

iHEER System - Documents

Date : Sep 7, 2010
Document No: 183048
Type: Review Letter
Title: Review of the Environmental Hazard Management Plan
Imported From:

iHEER System - Documents

Date : Jun 30, 2010
Document No: 33987
Type: Undetermined
Title: Review of the Geotechnical Soil Sampling and Utility Line Investigation for the UH Cancer Research Center Hawaii on the John F. Burns School of Medicine
Imported From: 2010-347#Q:\2010 Final Correspondence (Day File)\10-347-MGC.pdf

iHEER System - Documents

Date : Jul 28, 2010
Document No: 34041
Type: Undetermined
Title: Review of the Preliminary Soil Sampling Report for UH Cancer Research Center of Hawaii
Imported From: 2010-429#Q:\2010 Final Correspondence (Day File)\10-429-MGC.pdf

iHEER System - Documents

Date : Jan 17, 2012
Document No: 34055
Type: Undetermined
Title: Revision to Addendum to Kimura International, Inc's Environmental Health Management Plan for the University of Hawaii Cancer Center Sep 7, 2010
Imported From: 97618#\Heersharepoint1\facilitiesite%20documents\97618.pdf

iHEER System - Documents

Date : Jan 27, 2012
Document No: 34068
Type: Undetermined
Title: Special Management Area (SMA) Use Approval for University of Hawaii, John A. Burns School of Medicine (JABSOM) Phase II Extension
Imported From: 97791#\Heersharepoint1\facilitiesite%20documents\97791.pdf

iHEER System - Documents

Date : Jan 17, 2002
Document No: 34053
Type: Undetermined
Title: Transmittal Limited Phase II ESA, 651 ILALO St
Imported From: 4407#\Heersharepoint1\facilitiesite%20documents\4407.pdf

iHEER System - Documents

Date : Feb 11, 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		33986				
Type:		Undetermined				
Title:		UH Medical School/Biomedical Research Center (proposed) (for DDEH Gary Gill's signature)				
Imported From:		2002-027#Q:\2002 Final Correspondence (Day File)\02-027-ES.pdf				

iHEER System - Documents

Date :	Aug 24, 2010
Document No:	34046
Type:	Undetermined
Title:	University of Hawaii John A. Burns School of Medicine Phase II (Cancer Research Center of Hawaii) and Off-Site Parking (Lot 2), Special Management Area Permit Public Hearing
Imported From:	125820#\Heersharepoint1\facilitiesite%20documents\125820.pdf

iHEER System - Documents

Date :	Feb 19, 2002
Document No:	34026
Type:	Undetermined
Title:	Work Plan Additional Phase II Investigation 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Imported From:	37848#\Heersharepoint1\facilitiesite%20documents\37848.pdf

iHEER System - Documents

Date :	Jun 2, 2010
Document No:	34037
Type:	Undetermined
Title:	Work Plan Geotechnical Borings, Soil Sampling and Utility Line Investigation, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii
Imported From:	91264#\Heersharepoint1\facilitiesite%20documents\91264.pdf

iHEER System - Locations Details

Locations ID:	1657
Location Type:	SC
Description:	HCDA/UH Medical School
Comment :	Google Earth
Centroid:	POINT (-157.86376199999998 21.296491000000003)
Geometry:	

POINT (-157.86376199999998 21.296491000000003)

iHEER System - Locations Details

Locations ID:	7676
Location Type:	EHMP
Description:	EHMP HCDA/UH Medical Sch.
Comment :	Google Maps and Doc 34055, see specific burial areas in report
Centroid:	POINT (-157.86358039649218 21.295765263624432)
Geometry:	

POLYGON ((-157.8651111511293 21.296001435242253, -157.86316386738335 21.29441202538014, -157.8624933151244 21.295181741736791, -157.8623216537481 21.295466635729291, -157.86223582306442 21.295571596535286, -157.86366812267238 21.297076026512379, -157.8651111511293 21.296001435242253))

Site Details

Centroid:	POINT (-157.86376199999998 21.296491000000003)
Updated On:	10/3/2019 12:24:32 PM
Coordinates:	21.296491000000003,-157.86376199999998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: University of Hawaii Cancer Research Center of Hawaii

iHEER System - Aliases

Name: HCDA/UH Health and Wellness Center

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields High Priority Site

iHEER System - Aliases

Name: Kakaako Makai

172	3 of 5	S	0.47 / 2,502.59	3.28 / 0	HCDA/UH Medical School 651 Ilalo St Honolulu HI 96813	ENG
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110013791673	Project Manager:	Laura Young
Assessment:	Assessment Ongoing	Document Date:	12/30/2002 12:12:59 AM
Response:	Response Ongoing	Document No:	
Resp Act Complete:	12/30/2002 12:12:59 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	1/19/2012 2:20:34 AM	Loc Zip Suffix:	
Priority:	High	Latitude:	21.296035
Engineer Control:	Engineering Control Required	Longitude:	-157.86377
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	HCDA/UH Medical School		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: The whole Kakaako area is considered contaminated area. The site is filled with ash material generated from two incinerators previously operating at the site. Pb was found to be above HDOH EAL for commercial/industrial		
Nature of Residual Contam.:			
Description of Restrictions:	An exposure management plan is in use.		
Doc Subject:	NFA Letter		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.328598
Longitude:	-157.827823
Comments:	
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Coordinate for Mapping:	Yes
Latitude:	21.296035
Longitude:	-157.86377
Comments:	XTRA_ADD: PrimaryTemp

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping: Additional coordinates.
Latitude: 21.295887
Longitude: -157.862856
Comments:
Contact Information:

TMK Information

TMK: 121060010
Acres from TMK:
Description of Portion: TMK Number is Discontinued.
Acres for Discontinued Tmks: 2.07806322625
Estimate of Affected Acres:
Estimate of Affected Acres Co:

TMK: 121060009
Acres from TMK: 121060009
Description of Portion: Renumbered.
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID: 2464	Is Public: true
Island ID: 8	Affiliate Organztns:
Pk Sitelist ID: 365	Name Chnge Histry:
Status: Unreviewed	Documents:
Status Comment:	Lead Agency: HEER Office
Status History:	Program: State
Historical Records: false	Priority: Unranked
Is Report Approved: false	Location Desc: 651 Ilalo St
Contamination Above: false	State: HI
COPC Action Reqd: false	County Name: Honolulu
Contamination Risk: false	Island Name: Oahu
Is Removal Action: false	Island County Code: OA
Controls Required: false	Assigned Rpm: laura.young@doh.hawaii.gov
Is Loc Issued: false	Cost Recovery Code: GR
Program History:	

HEER Online - Location

Locations ID: 1657	Incident ID:
Location Type: SC	Description:
Comment:	Centroid, TMK 121060009; PrimaryTemp; XTRA_ADD: PrimaryTemp ;
Geometry:	POINT (-157.864 21.296)
Centroid:	POINT (-157.864 21.296)

172	4 of 5	S	0.47 / 2,502.59	3.28 / 0	PRODUCE CENTER DEV.LTD. 651 ILALO ST Honolulu HI 96813	LUST
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Facility ID: 9-101735
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA)	Event ID: 940165
Status Date: 6/1/2001	Project Officer: Shaobin Li

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
172	5 of 5	S	0.47 / 2,502.59	3.28 / 0	HCDA/UH Medical School 651 Ilalo St Honolulu HI 96813	BROWNFIELDS

iHEER ID (Public iHEER): 2464
Island (Public iHEER): Oahu
Site Name (Public iHEER): HCDA/UH Medical School
Aliases (Public iHEER): Brownfields High Priority Site, HCDA/UH Health and Wellness Center, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, University of Hawaii Cancer Research Center of Hawaii
Street (Public iHEER): 651 Ilalo St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 651 Ilalo St
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 10/3/2019 12:24:32 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 365
Tax Map Keys (Public iHEER): 121060009, 121060010
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2464
Island (PORTAL): Oahu
Site Name (PORTAL): HCDA/UH Medical School
Address (PORTAL): 651 Ilalo St
Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 651 Ilalo St
Program (PORTAL): State
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2464/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Aug 27, 2002
Type: Undetermined
Title: 2 copies for Comprehensive Summary of Phase II ESA Sampling Plan
Document No: 34059
Imported From: 4405#\Heersharepoint1\facilitiesite%20documents\4405.pdf

iHEER System - Documents

Date : Oct 31, 2011
Type: Undetermined
Title: Addendum to Kimura International, Inc's Environmental Health Management Plan for the University of Hawaii Cancer Center, Sep 7, 2010
Document No: 34047
Imported From: 125947#\Heersharepoint1\facilitiesite%20documents\125947.pdf

iHEER System - Documents

Date : Dec 2, 2011
Type: Undetermined
Title: Addendum to UH Cancer Research Center EHMP
Document No: 34043

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 2011-699#Q:\2011 Final Correspondence (Day File)\11-699-RB.pdf

iHEER System - Documents

Date : Mar 26, 2002
Type: Undetermined
Title: Additional Phase II ESA Report, 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Document No: 34028
Imported From: 37851#\Heersharepoint1\facilitiesite%20documents\37851.pdf

iHEER System - Documents

Date : Apr 19, 2002
Type: Undetermined
Title: Additional Phase II, ESA Report, 651 Ilalo St, Honolulu, prepared by Kimura International Inc for Hawaii Community Development Authority
Document No: 34066
Imported From: 4403#\Heersharepoint1\facilitiesite%20documents\4403.pdf

iHEER System - Documents

Date : Sep 8, 2010
Type: Undetermined
Title: Approval of the EHMP for the Cancer Research Institute
Document No: 33988
Imported From: 2010-577#Q:\2010 Final Correspondence (Day File)\10-577-MGC.pdf

iHEER System - Documents

Date : Sep 3, 2010
Type: Undetermined
Title: Approval of the Responses to SMA Questions
Document No: 182800
Imported From:

iHEER System - Documents

Date : Jan 20, 2012
Type: Undetermined
Title: Approval of the Revision to Addendum to UH Cancer Center EHMP
Document No: 34051
Imported From: 2012-027#Q:\2012 Final Correspondence (Day File)\12-027-MGC.pdf

iHEER System - Documents

Date : Apr 22, 2002
Type: Undetermined
Title: Comments to the Draft EA for the University of Hawaii, Health and Wellness Center, Mar 2002
Document No: 33992
Imported From: 50186#\Heersharepoint1\facilitiesite%20documents\50186.pdf

iHEER System - Documents

Date : Aug 26, 2002
Type: Undetermined
Title: Comprehensive Summary of Phase II ESA Sampling Data 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Document No: 34040
Imported From: 37852#\Heersharepoint1\facilitiesite%20documents\37852.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Apr 3, 2002			
Type:			Undetermined			
Title:			Draft Environmental Assessment for UH Health & Wellness Center at Kakaako			
Document No:			34061			
Imported From:			4402#\Heersharepoint1\facilitiesite%20documents\4402.pdf			
<u>iHEER System - Documents</u>						
Date :			May 14, 2002			
Type:			Undetermined			
Title:			Draft Environmental Assessment, University of Hawaii Health and Wellness Center, Kakaako, Oahu HI, TMK 2-1-060-010 and (por) 009			
Document No:			34042			
Imported From:			4401#\Heersharepoint1\facilitiesite%20documents\4401.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 14, 2010			
Type:			Undetermined			
Title:			Draft Preliminary Soil Sampling Report			
Document No:			15314			
Imported From:			91631#\Heersharepoint1\facilitiesite%20documents\91631.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2010			
Type:			Undetermined			
Title:			EHMP for the University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Document No:			13808			
Imported From:			92322#\Heersharepoint1\facilitiesite%20documents\92322.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2010			
Type:			Undetermined			
Title:			EHMP for the University of Hawaii, Cancer Research Center of Hawaii, Kakaako, HI, Aug 10, 2010			
Document No:			34052			
Imported From:			92323#\Heersharepoint1\facilitiesite%20documents\92323.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2010			
Type:			Undetermined			
Title:			EHMP Revision 1, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Document No:			34050			
Imported From:			\facilitiesite documents\media92646\Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2010			
Type:			Undetermined			
Title:			EHMP Revision 1, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii			
Document No:			34049			
Imported From:			\facilitiesite documents\media92646\Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 3, 2002			
Type:			Undetermined			
Title:			Field Sampling Plan Produce Center 651 Ilalo St Kakaako Makai, Honolulu HI, TMK 1-2-1-060-009 and 010			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			34025			
Imported From:			37854#\Heersharepoint1\facilitysite%20documents\37854.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 16, 2002			
Type:			Undetermined			
Title:			Field Sampling Plan Produce Center 651 Ilalo St Kakaako Makai, Honolulu HI, TMK 1-2-1-060-009 and 010 (Non-Color Copy)			
Document No:			34030			
Imported From:			37855#\Heersharepoint1\facilitysite%20documents\37855.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 2010			
Type:			Undetermined			
Title:			Final EHMP			
Document No:			4052			
Imported From:			92797#\Heersharepoint1\facilitysite%20documents\92797.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 2010			
Type:			Undetermined			
Title:			Final EHMP, University of Hawaii Cancer Research Center of Hawaii at the John A. Burns School of Medicine, Kakaako Waterfront Campus, 651 Ilalo St, Honolulu HI 96813			
Document No:			4051			
Imported From:			92798#\Heersharepoint1\facilitysite%20documents\92798.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 22, 2002			
Type:			Undetermined			
Title:			HCDCA Work Plan			
Document No:			34063			
Imported From:			4411#\Heersharepoint1\facilitysite%20documents\4411.pdf			
<u>iHEER System - Documents</u>						
Date :						
Type:			Undetermined			
Title:			Informational Material			
Document No:			182801			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 16, 2002			
Type:			Undetermined			
Title:			Limited Phase II ESA Report, 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010			
Document No:			34027			
Imported From:			37850#\Heersharepoint1\facilitysite%20documents\37850.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 17, 2012			
Type:			Undetermined			
Title:			Notice of Public Hearing			
Document No:			183050			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 8, 2001
Type: Undetermined
Title: Phase I ESA Report Produce Center & Department of Agriculture Facility 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Document No: 34038
Imported From: 37849#\Heersharepoint1\facilitiesite%20documents\37849.pdf

iHEER System - Documents

Date : Jul 12, 2002
Type: Undetermined
Title: Proposed Site for UH Health and Wellness Center, Kakaako, Makai Comments to the Field Sampling Plan
Document No: 34021
Imported From: 2002-318#Q:\2002 Final Correspondence (Day File)\02-318-LY.pdf

iHEER System - Documents

Date : Aug 16, 2010
Type: Undetermined
Title: Review of the EHMP for Cancer Research Center of Hawaii
Document No: 34057
Imported From: 2010-480#Q:\2010 Final Correspondence (Day File)\10-480-MGC.pdf

iHEER System - Documents

Date : Sep 7, 2010
Type: Review Letter
Title: Review of the Environmental Hazard Management Plan
Document No: 183048
Imported From:

iHEER System - Documents

Date : Jun 30, 2010
Type: Undetermined
Title: Review of the Geotechnical Soil Sampling and Utility Line Investigation for the UH Cancer Research Center Hawaii on the John F. Burns School of Medicine
Document No: 33987
Imported From: 2010-347#Q:\2010 Final Correspondence (Day File)\10-347-MGC.pdf

iHEER System - Documents

Date : Jul 28, 2010
Type: Undetermined
Title: Review of the Preliminary Soil Sampling Report for UH Cancer Research Center of Hawaii
Document No: 34041
Imported From: 2010-429#Q:\2010 Final Correspondence (Day File)\10-429-MGC.pdf

iHEER System - Documents

Date : Jan 17, 2012
Type: Undetermined
Title: Revision to Addendum to Kimura International, Inc's Environmental Health Management Plan for the University of Hawaii Cancer Center Sep 7, 2010
Document No: 34055
Imported From: 97618#\Heersharepoint1\facilitiesite%20documents\97618.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 27, 2012
Type: Undetermined
Title: Special Management Area (SMA) Use Approval for University of Hawaii, John A. Burns School of Medicine (JABSOM) Phase II Extension
Document No: 34068
Imported From: 97791#\Heersharepoint1\facilysite%20documents\97791.pdf

iHEER System - Documents

Date : Jan 17, 2002
Type: Undetermined
Title: Transmittal Limited Phase II ESA, 651 ILALO St
Document No: 34053
Imported From: 4407#\Heersharepoint1\facilysite%20documents\4407.pdf

iHEER System - Documents

Date : Feb 11, 2002
Type: Undetermined
Title: UH Medical School/Biomedical Research Center (proposed) (for DDEH Gary Gill's signature)
Document No: 33986
Imported From: 2002-027#Q:\2002 Final Correspondence (Day File)\02-027-ES.pdf

iHEER System - Documents

Date : Aug 24, 2010
Type: Undetermined
Title: University of Hawaii John A. Burns School of Medicine Phase II (Cancer Research Center of Hawaii) and Off-Site Parking (Lot 2), Special Management Area Permit Public Hearing
Document No: 34046
Imported From: 125820#\Heersharepoint1\facilysite%20documents\125820.pdf

iHEER System - Documents

Date : Feb 19, 2002
Type: Undetermined
Title: Work Plan Additional Phase II Investigation 651 Ilalo St, Honolulu HI, TMK 1-2-1-060-009 and 010
Document No: 34026
Imported From: 37848#\Heersharepoint1\facilysite%20documents\37848.pdf

iHEER System - Documents

Date : Jun 2, 2010
Type: Undetermined
Title: Work Plan Geotechnical Borings, Soil Sampling and Utility Line Investigation, University of Hawaii, Cancer Research Center of Hawaii, Kakaako, Hawaii
Document No: 34037
Imported From: 91264#\Heersharepoint1\facilysite%20documents\91264.pdf

Locations Details

Locations ID: 1657
Location Type: SC
Description: HCDA/UH Medical School
Comment : Google Earth
Centroid: POINT (-157.86376199999998 21.296491000000003)
Geometry:

POINT (-157.86376199999998 21.296491000000003)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 7676
Location Type: EHMP
Description: EHMP HCDA/UH Medical Sch.
Comment : Google Maps and Doc 34055, see specific burial areas in report
Centroid: POINT (-157.86358039649218 21.295765263624432)
Geometry:

POLYGON ((-157.8651111511293 21.296001435242253, -157.86316386738335 21.29441202538014, -157.8624933151244 21.295181741736791, -157.8623216537481 21.295466635729291, -157.86223582306442 21.295571596535286, -157.86366812267238 21.297076026512379, -157.8651111511293 21.296001435242253))

Details

Centroid: POINT (-157.86376199999998 21.296491000000003)
Updated On: 10/3/2019 12:24:32 PM
Coordinates: 21.296491000000003,-157.86376199999998

173	1 of 1	SE	0.48 / 2,537.47	3.28 / 0	HAWAII COMMUNITY DEVELOPMENT AUTHORITY 548 COOKE ST Honolulu HI 96813	LUST
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Facility ID: 9-102418
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	910060
Status Date:	8/24/1999	Project Officer:	Richard Takaba

174	1 of 1	SSE	0.48 / 2,555.27	3.28 / 0	HONOLULU FORD INC. 711 ALA MOANA BLVD. Honolulu HI 96813	LUST
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Facility ID: 9-100937
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status:	Site Cleanup Completed (NFA)	Event ID:	050036
Status Date:	8/22/2006	Project Officer:	Shaobin Li

175	1 of 1	SE	0.48 / 2,558.42	3.28 / 0	Fisher Property 404 Cooke St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER):
Site Name (Public iHEER):
Aliases (Public iHEER):
Street (Public iHEER):
City (Public iHEER):
State (Public iHEER):
Zip (Public iHEER):
County (Public iHEER):
Island (Public iHEER):
Status (Public iHEER):
Lead Agency (Public iHEER):
Program (Public iHEER):
Assigned Rpm (Public iHEER):
Is Public (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Updated on (Public iHEER):
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER):
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3260
Site Name (PORTAL): Fisher Property
Loc Desc (PORTAL): 407/465 Coral and 416 Cooke Streets
Address (PORTAL): 404 Cooke St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3260/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023)

iHEER System - Documents

Date : Jun 24, 2015
Document No: 203078
Type: Phase I Environmental Site Assessment
Title: Phase I Environmental Site Assessment for Fisher Property
Imported From:

iHEER System - Documents

Date : May 23, 2017
Document No: 203076
Type: Phase II Environmental Site Assessment
Title: Soil Sampling in Archaeological Survey Trenches, Kakaako Block C
Imported From:

iHEER System - Locations Details

Locations ID: 11426
Location Type: SC
Description: 404 Cooke St
Comment : From TMK in Doc 203078.
Centroid: POINT (-157.859563 21.298237999999991)
Geometry:

POINT (-157.859563 21.298237999999991)

iHEER System - Aliases

Name: Erroneously associated with Kakaako Block C-different TMK.

176	1 of 1	NNW	0.49 / 2,573.10	0.00 / -3	KUWILI PARK MILITARY RES	FUDS
					IWILEI HI	

FUDS Property No: H09HI0196
EMS Map Link: <https://fudportal.usace.army.mil/ems/inventory/map?id=54592>
FUDS INST ID: HI99799F393400
Status: Properties without projects

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SDS ID:						
NPL Status Code:						
Eligibility:		Eligible				
Site Eligib:						
Current Owner:		STATE: STATE HOSPITAL				
Has Project:		No				
DOD FUDS Pro:		H09HI0196				
Project Required:		No				
No Further Action:						
Congressional District:		01				
Congressional Dist 117:		01				
Media ID:						
Metadata ID:						
Feature Desc:						
EPA Region:		09				
County:		HONOLULU				
Latitude:		21.31333333				
Longitude:		-157.86666667				
Fiscal year:		2021				
USACE Division:		POD				
USACE District:		Honolulu District (POH)				
Centroid Lat:						
Centroid Long:						
Se Anno Cad Data:						
Shape Length:						
Shape Area:						
Shape Len:						
X:		-157.866577148				
Y:		21.3134155270001				
Data Source:		U.S. Army Corps of Engineers Geospatial Open Data				
Property History:						

Feature Description:

THE PROJECT SITE WAS SET ASIDE FOR A US ARMY DISPENSARY SITE BY EXECUTIVE ORDER (E.O) NO.905 DATED NOVEMBER 1, 1940 AND SIGNED BY THE GOVERNOR OF THE TERRITORY OF HAWAII. IT WAS RETURNED TO THE JURISDICTION OF THE TERRITORY OF HAWAII BY PRESIDENTIAL EXECUTIVE ORDER NO.9951 DATED APRIL 21,1948 AND SIGNED BY HARRIS S. TRUMAN

177	1 of 4	SE	0.49 / 2,578.63	3.28 / 0	Cooke Street Lead Contamination 501 Cooke St Honolulu HI 96813	SHWS
iHEER ID (Public iHEER):		666				
Site Name (Public iHEER):		Cooke Street Lead Contamination				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project				
Street (Public iHEER):		501 Cooke St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		162				
Suppl Loc (Public iHEER):		501 Cooke St				
Tax Map Keys (Public iHEER):		121052007				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		666				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Name (PORTAL): Cooke Street Lead Contamination
Loc Desc (PORTAL): 501 Cooke St
Address (PORTAL): 501 Cooke St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/666/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Nov 22, 1993
Document No: 4547
Type: Undetermined
Title: 501 Cooke Street Follow-up, Environmental Site Assessment Letter Report
Imported From: 125985#\Heersharepoint1\facilitiesite%20documents\125985.pdf

iHEER System - Documents

Date : Sep 20, 1996
Document No: 4549
Type: Undetermined
Title: Exposure Assessment Report, Location: 501 Cooke St, Honolulu HI. CF Job#96310.2
Imported From: 36823#\Heersharepoint1\facilitiesite%20documents\36823.pdf

iHEER System - Documents

Date : Aug 25, 1995
Document No: 4551
Type: Undetermined
Title: Subsurface Sampling Report, Location: 501 Cooke St, Honolulu HI 96813, CF Job#95218.2
Imported From: 36821#\Heersharepoint1\facilitiesite%20documents\36821.pdf

iHEER System - Locations Details

Locations ID: 858
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.858231 21.298415999999996)
Geometry:

POINT (-157.858231 21.298415999999996)

Site Details

Centroid: POINT (-157.858231 21.298415999999996)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.298415999999996,-157.858231

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

177	2 of 4	SE	0.49 / 2,578.63	3.28 / 0	Cooke Street Lead Contamination 501 Cooke St Honolulu HI 96813	INST
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110013780051	Project Manager:	Steve Mow
Assessment:	Response Necessary	Document Date:	5/11/2005 1:14:23 AM
Response:	Response Complete	Document No:	2005-254-SPM
Resp Act Complete:	5/11/2005 1:14:23 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	5/11/2005 1:14:23 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	21.298358
Engineer Control:	Engineering Control Required	Longitude:	-157.858274
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Cooke Street Lead Contamination		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: lead in soil		
Nature of Residual Contam.:	lead in soil above 400 ppm, under cap.		
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System		
Doc Subject:	Cap Maintenance Requirement at 501 Cooke St		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping: Additional coordinates.
Latitude: 21.298343
Longitude: -157.858287
Comments:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping: Additional coordinates.
Latitude: 21.328598
Longitude: -157.827823
Comments:
Contact Information:

Coordinate for Mapping: Yes
Latitude: 21.298358
Longitude: -157.858274
Comments: XTRA_ADD: PrimaryTemp
Contact Information:

TMK Information

TMK: 121052007
Acres from TMK: 121052007
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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HEER Online - Details

ID:	666	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	162	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Contamintion Above:	false	Location Desc:	501 Cooke St
COPC Action Reqcd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	858	Incident ID:	
Location Type:	SC	Description:	
Comment:			Centroid, TMK 121052007; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Geometry:			POINT (-157.858 21.2984)
Centroid:			POINT (-157.858 21.2984)

177	3 of 4	SE	0.49 / 2,578.63	3.28 / 0	Cooke Street Lead Contamination 501 Cooke St Honolulu HI 96813	ENG
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HID No:		Lead Agency:	HEER
Fac Registry ID:	110013780051	Project Manager:	Steve Mow
Assessment:	Response Necessary	Document Date:	5/11/2005 1:14:23 AM
Response:	Response Complete	Document No:	2005-254-SPM
Resp Act Complete:	5/11/2005 1:14:23 AM	Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	5/11/2005 1:14:23 AM	Loc Zip Suffix:	
Priority:	NFA	Latitude:	21.298358
Engineer Control:	Engineering Control Required	Longitude:	-157.858274
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			
Within Design. Area Contam.:			
SDAR Enviro Interest Name:	Cooke Street Lead Contamination		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:	No Further Action Letter - Restricted Use		
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: lead in soil		
Nature of Residual Contam.:	lead in soil above 400 ppm, under cap.		
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System		
Doc Subject:	Cap Maintenance Requirement at 501 Cooke St		
Record Source:	HEER Sites of Interest Lookup		

Geographic Information

Coordinate for Mapping:	Additional coordinates.
Latitude:	21.298343
Longitude:	-157.858287
Comments:	
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Coordinate for Mapping:	Yes
Latitude:	21.298358
Longitude:	-157.858274
Comments:	XTRA_ADD: PrimaryTemp

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Information:

Coordinate for Mapping: Additional coordinates.
Latitude: 21.328598
Longitude: -157.827823
Comments:
Contact Information:

TMK Information

TMK: 121052007
Acres from TMK: 121052007
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	666	Is Public:	true
Island ID:	8	Affiliate Organtzns:	
Pk Sitelist ID:	162	Name Chnge Histry:	
Status:	Unreviewed	Documents:	
Status Comment:		Lead Agency:	HEER Office
Status History:		Program:	State
Historical Records:	false	Priority:	Unranked
Is Report Approved:	false	Location Desc:	501 Cooke St
Contamination Above:	false	State:	HI
COPC Action Reqd:	false	County Name:	Honolulu
Contamination Risk:	false	Island Name:	Oahu
Is Removal Action:	false	Island County Code:	OA
Controls Required:	false	Assigned Rpm:	
Is Loc Issued:	false	Cost Recovery Code:	
Program History:			

HEER Online - Location

Locations ID:	858	Incident ID:	
Location Type:	SC	Description:	
Comment:	Centroid, TMK 121052007; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;		
Geometry:	POINT (-157.858 21.2984)		
Centroid:	POINT (-157.858 21.2984)		

177	4 of 4	SE	0.49 / 2,578.63	3.28 / 0	Cooke Street Lead Contamination 501 Cooke St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 666
Island (Public iHEER): Oahu
Site Name (Public iHEER): Cooke Street Lead Contamination
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project
Street (Public iHEER): 501 Cooke St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): 501 Cooke St
Program (Public iHEER): State
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 162
Tax Map Keys (Public iHEER): 121052007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 666
Island (PORTAL): Oahu
Site Name (PORTAL): Cooke Street Lead Contamination
Address (PORTAL): 501 Cooke St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): 501 Cooke St
Program (PORTAL): State
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/666/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Nov 22, 1993
Type: Undetermined
Title: 501 Cooke Street Follow-up, Environmental Site Assessment Letter Report
Document No: 4547
Imported From: 125985#\Heersharepoint1\facilitiesite%20documents\125985.pdf

iHEER System - Documents

Date : Sep 20, 1996
Type: Undetermined
Title: Exposure Assessment Report, Location: 501 Cooke St, Honolulu HI. CF Job#96310.2
Document No: 4549
Imported From: 36823#\Heersharepoint1\facilitiesite%20documents\36823.pdf

iHEER System - Documents

Date : Aug 25, 1995
Type: Undetermined
Title: Subsurface Sampling Report, Location: 501 Cooke St, Honolulu HI 96813, CF Job#95218.2
Document No: 4551
Imported From: 36821#\Heersharepoint1\facilitiesite%20documents\36821.pdf

Locations Details

Locations ID: 858
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.858231 21.298415999999996)
Geometry:

POINT (-157.858231 21.298415999999996)

Details

Centroid: POINT (-157.858231 21.298415999999996)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.298415999999996,-157.858231

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
178	1 of 4	ESE	0.50 / 2,619.42	3.28 / 0	630 Cooke Street 630 Cooke St Honolulu HI 96813	SHWS

iHEER ID (Public iHEER): 369
Site Name (Public iHEER): 630 Cooke Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields, Brownfields Low Priority
Street (Public iHEER): 630 Cooke St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/16/2021 3:54:38 PM
Ms Access ID (Public iHEER): 2929
Suppl Loc (Public iHEER): 630 Cooke St
Tax Map Keys (Public iHEER): 121051014
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 369
Site Name (PORTAL): 630 Cooke Street
Loc Desc (PORTAL): 630 Cooke St
Address (PORTAL): 630 Cooke St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/369/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Mar 9, 2018
Document No: 163194
Type: Review Letter
Title: Approval of the EHE/EHMP for 630 Cooke St
Imported From: 18-066 MGC.pdf

iHEER System - Documents

Date : Oct 1, 2017
Document No: 182858
Type: Remedial Alternatives Analysis Report
Title: Draft Analysis of Brownfields Cleanup Alternatives
Imported From:

iHEER System - Documents

Date : Mar 1, 2020
Document No: 174110
Type: Environmental Hazard Management Plan
Title: Draft Environmental Hazard Management Plan
Imported From:

iHEER System - Documents

Date : May 19, 2020
Document No: 175130
Type: No Further Action Determination w/ ICs Letter
Title: Draft No Further Action Determination with Engineering and Institutional Controls for 630 Cooke Street, Nohona Hale Property Based on the Final Environmental Hazard Management Plan
Imported From:

iHEER System - Documents

Date : May 19, 2020
Document No: 182865
Type: No Further Action Determination w/ ICs Letter
Title: Draft No Further Action Letter
Imported From:

iHEER System - Documents

Date :
Document No: 182859
Type: Undetermined
Title: During & After Construction Photos
Imported From:

iHEER System - Documents

Date : Feb 12, 2018
Document No: 163196
Type: Environmental Hazard Evaluation Report
Title: EHE and EHMP, 630 Cooke St, Honolulu, Oahu, Hawaii, TMK 1-2-1-051: Parcel 014 ETC Job 18-2001
Imported From: media130859\EHE-EHMP 630 Cooke St - Feb 2018.pdf

iHEER System - Documents

Date : Nov 1, 2017
Document No: 181563
Type: Remedial Alternatives Analysis Report
Title: Final Analysis of Brownfields Cleanup Alternatives 630 Cooke Street ABCA
Imported From:

iHEER System - Documents

Date : Mar 1, 2020
Document No: 175066
Type: Environmental Hazard Management Plan
Title: Final EHMP 630 Cooke Street
Imported From:

iHEER System - Documents

Date : Sep 1, 2017
Document No: 181562
Type: Phase II Environmental Site Assessment
Title: FINAL PHASE II INVESTIGATION TARGETED BROWNFIELDS ASSESSMENT REPORT
Imported From:

iHEER System - Documents

Date : May 26, 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 182857
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action Determination with Engineering and Institutional Controls for 630 Cooke Street, Nohona Hale Property
Imported From:

iHEER System - Locations Details

Locations ID: 2292
Location Type: SC
Description: 630 Cooke Street
Comment : Google Earth and address
Centroid: POINT (-157.857077 21.300259000000004)
Geometry:

POINT (-157.857077 21.300259000000004)

iHEER System - Locations Details

Locations ID: 6929
Location Type: EHMP
Description: EHMP 630 Cooke Street
Comment : Google Maps and Doc 175066
Centroid: POINT (-157.85709088987005 21.300285775684216)
Geometry:

POLYGON ((-157.85706090674046 21.300072825409639, -157.85688924536416 21.300197774825218, -157.85717624172725 21.300542634660989, -157.85725402578771 21.300307730223476, -157.85706090674046 21.300072825409639))

Site Details

Centroid: POINT (-157.857077 21.300259000000004)
Updated On: 11/16/2021 3:54:38 PM
Coordinates: 21.300259000000004,-157.857077

iHEER System - Aliases

Name: Brownfields, Brownfields Low Priority

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

178	2 of 4	ESE	0.50 / 2,619.42	3.28 / 0	Honolulu - 630 Cooke St. 630 Cooke St. HONOLULU HI 96813	FED BROWNFIELDS
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Property ID: 235524
Property Name: Honolulu - 630 Cooke St.
Address: 630 Cooke St.
City: HONOLULU
State Code: HI
Zip Code: 96813
Lat Measure: 21.300254
Long Measure: -157.85708
Primary Name (Map): HONOLULU - 630 COOKE ST.
Location Address (Map): 630 COOKE ST.
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Map):		21.300254				
Longitude (Map):		-157.85708				
Data Source:		USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties				

Brownfields Details

Registry I:	110070205643				BF RLF Gra:	
EPA ID:					BF RLF Pil:	
EPA Region:	09				BF Assess :	
Cat No:	20060000				BF Cleanup:	
RCRA Handl:					BF Tba Ind:	Y
RCRA Curre:					BF 128a In:	
RCRA Remed:					BF IC Code:	U
RCRA Const:					BF IC Gc I:	U
RCRA EI He:					BF IC Ep I:	U
RCRA EI Gm:					BF IC ID I:	U
RCRA Rem 1:					BF IC Pr I:	U
RCRA Ec Gw:					FF Brac In:	
RCRA Ec Ng:					BF RLF Ind:	
RCRA IC Ep:					BF Assess1:	
RCRA IC Gc:					BF Multipu:	
RCRA IC ID:					BF Awp Ind:	
RCRA IC Pr:					BF Showcas:	
FF RCRA In:					BF 128a P :	
RCRA Trans:					LUST Relea:	
RCRA Tra 1:					LUST Award:	
RCRA Ec Co:					LUST State:	
RCRA IC Co:					Congressio:	HI-01
RCRA Gpra :					FD Agency :	
RCRA Rem 2:					FD Listing:	
RCRA Dru 1:					FD Non NPL:	
SF Site ID:					FD RCRA Ha:	
SF Ec Ind:					FD RCRA Ca:	
SF EI Gm C:					FD SF NPL :	
SF EI He C:					FD FF Ind:	
SF IC Ind:					FD Ej Code:	
SF NPL Cod:					FD Brac In:	
SF NPL C 1:					FD Federal:	
SF Admin F:					FD Hrs Sco:	
FF And Sit:					FD Ongoing:	
FF SF Ind:					FD NPL Sta:	
Map Symbol:	B				FD Non N 1:	
Data Refre:	16-Feb-2023				FD RCRA Gw:	
GIS Refres:					FD RCRA He:	
New Site:					FD GMS Sur:	
EPAOSC Sit:					FD Hes Sur:	
EPAOSC Res:					FD SF Site:	
EPAOSC R 1:					FD Brac Ro:	
EPAOSC Sta:					Stimulus S:	
EPAOSC Inc:					Stimulus B:	
Desc :						
Ind Name:						
Cat Name:		Oahu				
Sub Name:		Oahu				
Primary Name:		HONOLULU - 630 COOKE ST.				
RCRA Drupa:						
Repow Ref :						
Url:		https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:24165 https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22235524.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.85708%2C21.300254&featype=point&radius=1.0				
Census Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.85708%2C21.300254&featype=point&radius=1.0				
ACS Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.85708%2C21.300254&featype=point&radius=1.0				
ERR Lat Lo:					UST Status:	
LUST ID:					UST Substa:	
SAA Site:					UST SPA Fa:	
UST Landus:					UST SPA Wa:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
UST Closed:					UST WHPA F:	
UST Open:					UST WHPA W:	
SF Site Na:						
SF Non N 1:						
SF Non N 2:						
SF Non N 3:						
SF Non Npl:						
BF Prope 1:		Honolulu - 630 Cooke St.				
RCRA Han 1:						
RCRA Rau I:						
REPOW BF:		SG				
REPOW RCRA:						
REPOW Re 1:					RE-Powering Site Profile	
REPOW Ref1:					24165	
REPOW SF:						

Cleanups In My Community (CIMC)

Grant ID:	69605825	Cleanup Lead :	
Grant Type:	TBA	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	Y	Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	Y
ASMT Lead :	Y	Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	.24
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	.24
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.300254
Cleanup Drk Wat:		Longitude Measure:	-157.85708
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	210-510-140		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	R9 TBA - Hawaii (STAG Funded)		
Redev Funding Entity Name:			
Property Name:	Honolulu - 630 Cooke St.		
Property Size:	.24		
IC Data Address:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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IC in Place Date:

Current Owner: Hawaii Community Development Authority
Address: 630 Cooke St.
City: HONOLULU
State Code: HI
Zip Code: 96813

Horizontal Collection Method:

Horizontal Reference Datum:

Reference Point:

Other Description:

Other Desc Cleaned Up:

Desc Hist:

Prior to 1914, the Site property was originally developed with three single-family residential structures with frontage on Cooke Street and a warehouse (northern side). The warehouse on the north side of the Site was utilized for oil drum storage. By 1950 all of the original structures on the Site were removed with the exception of a single-family residence attached to a dry-cleaning business in the west-central portion of the Site. The two single-family residential structures were replaced with commercial stores along Cooke Street, including a restaurant, clothing presser, and a retail property. Between 1950 and 1955, the remaining original single-family residence and attached dry cleaning business were removed; and a 17-room multi-family apartment building (northeast area), as well as an additional single-family residence (northwest area), were constructed on the Site. The Site included these residential structures and the commercial stores along Cooke Street until the late 1980s/early 1990s when the Site was cleared and redeveloped as a paved parking lot. The Site was acquired by Hawaii Community Development Authority in 1990.

Coop Agreement No: n/a
GPA Type ID: 6
GPA Type Desc: Acres Cleaned Up

Dt RLF Loan Signed:

Dt RLF Sbrgrnt Sgnd:

Accmplisht Cnt Flg:

Awp Catalyst Yn:

Assess ArsenIC :

Assess Bldg Mats :

Assess Cadmium :

Assess Chromium :

Assess Copper :

Assess Iron :

Assess Mercury :

Assess Nickel :

Assess None :

Assess oorair :

Assess Pesticides :

Assess Selenium :

Assess Svocs :

Assess Unknown :

Clnup Actvy Funded:

Clnup ArsenIC :

Clnup Bldg Mats :

Clnup Cadmium :

Clnup Chromium :

Clnup Copper :

Clnup Cst Shr Amt:

Clnup Doc: N

Clnup Iron :

Clnup Mercury :

Clnup Nickel :

Clnup None :

Clnup of Structures:

Clnup oorair :

Clnup Pesticides :

Clnup Selenium :

Clnup Svocs :

Clnup Unkn Media :

Clnup Unknown :

Env Clnup Jobs:

Env Pro Income Amt:

Property Alias:

AA Actvy Funded:

AA Source of Funding:

AA Amt Funding:

Env EC in Place: N
Env EC Required: N
Env IC in Place: N
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immblytn:
Flag EC in Place: N
Flag EC Other:
Flag EC Required: N
Flag EC Security:
Flg Prop Not Enrld:
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 1057
Low Income Pct: 21.86
Median Income: 11187
Multipurpose:
Past Mltistry Acre:
Pro Code:
Pro Income Amt:
Vacant Housing: 326
Vacant Housing Pct: 11.03
Total Unemployed: 303
Unemployed Pct: 6.27
Below Poverty: 347
Below Poverty Pct: 7.18
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Requires soil removal or capping
 Lead
 Petroleum Products

Other Forms of Doc:
Highlights:

The Site includes a 6,400-square foot asphalt parking lot and a 4,000-square foot community garden serving the residents of the nearby Na Lei Hulu Kupuna senior housing development. It is located in a mixed- commercial and residential area of Honolulu known as Kaka'ako Community Development District. The Site is currently owned by Hawaii Community Development Authority. Former Use: Prior to 1914, the Site property was originally developed with three single-family residential structures with frontage on Cooke Street and a warehouse (northern side). The warehouse on the north side of the Site was utilized for oil drum storage. By 1950 all of the original structures on the Site were removed with the exception of a single-family residence attached to a dry-cleaning business in the west-central portion of the Site. The two single-family residential structures were replaced with commercial stores along Cooke Street, including a restaurant, clothing presser, and a retail property. Between 1950 and 1955, the remaining original single-family residence and attached dry cleaning business were removed; and a 17-room multi-family apartment building (northeast area), as well as an additional single-family residence (northwest area), were constructed on the Site. The Site included these residential structures and the commercial stores along Cooke Street until the late 1980s/early 1990s when the Site was cleared and redeveloped as a paved parking lot. The Site was acquired by Hawaii Community Development Authority in 1990.

Ctmnt Cleanedup:
Media Affected:

Soil

Ctmnt Rec:

Lead
 Petroleum Products

Cleanups In My Community (CIMC)

Grant ID:	69605825	Cleanup Lead :	
Grant Type:	TBA	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	Y	Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	Y
ASMT Lead :	Y	Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	.24
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :	Y	Future Res Acres:	.24
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	94090	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	03/31/2018	Redev Start Dt:	
Assess Start Dt:	10/22/2015	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Start Dt:					Stcntrbg:	
Cleanup Cmpltn Dt:					Other Media :	
Cleanup Air :					Unknown Media :	
Cleanup Asbestos :					Video Available :	N
Cleanup Cntrl Sub :					Latitude Measure:	21.300254
Cleanup Drk Wat:					Longitude Measure:	-157.85708
Cleanup Grd Water:						
St Enrollment ID:						
Local Parcel No:		210-510-140				
Assess Fnd Ent Nm:		EPA				
Assess Fund Entity:		US EPA - TBA Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Grant Recipient Name:		R9 TBA - Hawaii (STAG Funded)				
Redev Funding Entity Name:						
Property Name:		Honolulu - 630 Cooke St.				
Property Size:		.24				
IC Data Address:						
IC in Place Date:						
Current Owner:		Hawaii Community Development Authority				
Address:		630 Cooke St.				
City:		HONOLULU				
State Code:		HI				
Zip Code:		96813				
Horizontal Collection Method:						
Horizontal Reference Datum:						
Reference Point:						
Other Description:						
Other Desc Cleaned Up:						
Desc Hist:		Prior to 1914, the Site property was originally developed with three single-family residential structures with frontage on Cooke Street and a warehouse (northern side). The warehouse on the north side of the Site was utilized for oil drum storage. By 1950 all of the original structures on the Site were removed with the exception of a single-family residence attached to a dry-cleaning business in the west-central portion of the Site. The two single-family residential structures were replaced with commercial stores along Cooke Street, including a restaurant, clothing presser, and a retail property. Between 1950 and 1955, the remaining original single-family residence and attached dry cleaning business were removed; and a 17-room multi-family apartment building (northeast area), as well as an additional single-family residence (northwest area), were constructed on the Site. The Site included these residential structures and the commercial stores along Cooke Street until the late 1980s/early 1990s when the Site was cleared and redeveloped as a paved parking lot. The Site was acquired by Hawaii Community Development Authority in 1990.				
Coop Agreement No:	n/a				Env EC in Place:	N
GPA Type ID:	2				Env EC Required:	N
GPA Type Desc:	Phase II Environmental Assessment				Env IC in Place:	N
Dt RLF Loan Signed:					Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:					Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y				Flag EC Eng Barrier:	
Awp Catalyst Yn:					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC in Place:	N
Assess Bldg Mats :					Flag EC Other:	
Assess Cadmium :					Flag EC Required:	N
Assess Chromium :					Flag EC Security:	
Assess Copper :					Flg Prop Not Enrld:	
Assess Iron :					Excavation Disposl:	
Assess Mercury :					Extrctn of Cntmnts:	
Assess Nickel :					FCA Fy:	FY18
Assess None :					Ftr Multistry Acre:	
Assess oorair :					RFR Notation:	
Assess Pesticides :					RLF Ln Cst Shr Amt:	
Assess Selenium :					RLF Loan Amount:	
Assess Svocs :					RLF Subgrant Amt:	
Assess Unknown :					Sect 128 A St Trbl:	
Clnup Actvy Funded:					Interest Rate:	
Clnup ArsenIC :					Low Income:	1057
Clnup Bldg Mats :					Low Income Pct:	21.86
Clnup Cadmium :					Median Income:	11187
Clnup Chromium :					Multipurpose:	
Clnup Copper :					Past Mltistry Acre:	
Clnup Cst Shr Amt:					Pro Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Doc:	N				Pro Income Amt:	
Clnup Iron :					Vacant Housing:	326
Clnup Mercury :					Vacant Housing Pct:	11.03
Clnup Nickel :					Total Unemployed:	303
Clnup None :					Unemployed Pct:	6.27
Clnup of Structures:					Below Poverty:	347
Clnup oorair :					Below Poverty Pct:	7.18
Clnup Pesticides :					Radius:	.5
Clnup Selenium :					Actvy Funded:	
Clnup Svocs :					Cost Share Amt:	
Clnup Unkn Media :					Rdctn of Cntmnts:	
Clnup Unknown :					Removal of Mats:	
Env Clnup Jobs:					Repayment Period:	
Env Pro Income Amt:						
Property Alias:						
AA Actvy Funded:		Phase II ESA				
AA Source of Funding:						
AA Amt Funding:						
Redev Fund Entity:						
Redev Lvrgd Srcls:						
Redev Cmpltn Date:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
IC Addl Info:		Requires soil removal or capping				
Ctmnt Found:		Lead				
		Petroleum Products				
Other Forms of Doc:						
Highlights:		<p>The Site includes a 6,400-square foot asphalt parking lot and a 4,000-square foot community garden serving the residents of the nearby Na Lei Hulu Kupuna senior housing development. It is located in a mixed- commercial and residential area of Honolulu known as Kaka'ako Community Development District. The Site is currently owned by Hawaii Community Development Authority. Former Use: Prior to 1914, the Site property was originally developed with three single-family residential structures with frontage on Cooke Street and a warehouse (northern side). The warehouse on the north side of the Site was utilized for oil drum storage. By 1950 all of the original structures on the Site were removed with the exception of a single-family residence attached to a dry-cleaning business in the west-central portion of the Site. The two single-family residential structures were replaced with commercial stores along Cooke Street, including a restaurant, clothing presser, and a retail property. Between 1950 and 1955, the remaining original single-family residence and attached dry cleaning business were removed; and a 17-room multi-family apartment building (northeast area), as well as an additional single-family residence (northwest area), were constructed on the Site. The Site included these residential structures and the commercial stores along Cooke Street until the late 1980s/early 1990s when the Site was cleared and redeveloped as a paved parking lot. The Site was acquired by Hawaii Community Development Authority in 1990.</p>				
Ctmnt Cleanedup:						
Media Affected:						
		Soil				
Ctmnt Rec:						
		Lead				
		Petroleum Products				

[178](#) 3 of 4 **ESE** 0.50 / 2,619.42 3.28 / 0 **630 Cooke Street**
630 Cooke St **INST**
Honolulu HI 96813

HID No:		Lead Agency:	HEER
Fac Registry ID:		Project Manager:	MGC
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrls:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	3/9/2018 3:08:44 AM	Loc Zip Suffix:	
Priority:	Low	Latitude:	
Engineer Control:		Longitude:	
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Within Design. Area Contam.:
SDAR Enviro Interest Name: 630 Cooke Street
Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination: Found: The COC for the site were identified as total petroleum hydrocarbons (TPH) as diesel (TPH-D) and total lead.
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Record Source: HEER Sites of Interest Lookup

Geographic Information

Coordinate for Mapping: No coordinates specified.
Latitude:
Longitude:
Comments:
Contact Information:

TMK Information

TMK: 121051014
Acres from TMK: 121051014
Description of Portion:
Acres for Discontinued Tmks:
Estimate of Affected Acres:
Estimate of Affected Acres Co:

HEER Online - Details

ID:	369	Is Public:	true
Island ID:	8	Documents:	
PK Sitelist ID:	2929	Lead Agency:	HEER Office
Status:	Unreviewed	Program:	State
Status Comment:		Priority:	Unranked
Status History:		Affiliate Organztns:	
Historical Records:	false	Name Chnge Hstry:	
Report Approved:	false	Cost Recovery Code:	
Comtamintion Above:	false	Location Desc:	630 Cooke St
COPC Action Reqrd:	false	State:	HI
Contamination Risk:	false	County Name:	Honolulu
Is Removal Action:	false	Island Name:	Oahu
Controls Required:	false	Island County Code:	OA
Is Loc Issued:	false	Assigned Rpm:	
Program History:			

HEER Online - Location

Locations ID:	2292	Incident ID:	
Location Type:	SC	Description:	
Comment:	Google Earth		
Geometry:	POINT (-157.857077 21.300259000000004)		
Centroid:	POINT (-157.857077 21.300259000000004)		

178	4 of 4	ESE	0.50 / 2,619.42	3.28 / 0	630 Cooke Street 630 Cooke St Honolulu HI 96813	BROWNFIELDS
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iHEER ID (Public iHEER): 369
Island (Public iHEER): Oahu
Site Name (Public iHEER): 630 Cooke Street

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Aliases (Public iHEER):					1% flood risk with SLR 3.2ft, Brownfields, Brownfields Low Priority	
Street (Public iHEER):					630 Cooke St	
City (Public iHEER):					Honolulu	
State (Public iHEER):					HI	
Zip Code (Public iHEER):					96813	
County (Public iHEER):					Honolulu	
Suppl Loc (Public iHEER):					630 Cooke St	
Program (Public iHEER):					State	
Status Name (Public iHEER):					NFAIC	
Lead Agency (Public iHEER):					HEER Office	
Updated on (Public iHEER):					11/16/2021 3:54:38 PM	
Is Public (Public iHEER):					TRUE	
Ms Access ID (Public iHEER):					2929	
Tax Map Keys (Public iHEER):					121051014	
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text (Non Public):						
iHEER ID (PORTAL):					369	
Island (PORTAL):					Oahu	
Site Name (PORTAL):					630 Cooke Street	
Address (PORTAL):					630 Cooke St Honolulu, HI 96813	
County (PORTAL):					Honolulu	
Loc Desc (PORTAL):					630 Cooke St	
Program (PORTAL):					State	
Status (PORTAL):					NFA W/ICS	
Priority (PORTAL):					Unranked	
Lead Agency (PORTAL):					HEER Office	
Assigned Rpm (PORTAL):					Melody Calisay	
Details URL (PORTAL):					https://eha-cloud.doh.hawaii.gov/iheer#!/site/369/details/view	
Data Source:					iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)	

iHEER System - Documents

Date : Mar 9, 2018
Type: Review Letter
Title: Approval of the EHE/EHMP for 630 Cooke St
Document No: 163194
Imported From: 18-066 MGC.pdf

iHEER System - Documents

Date : Oct 1, 2017
Type: Remedial Alternatives Analysis Report
Title: Draft Analysis of Brownfields Cleanup Alternatives
Document No: 182858
Imported From:

iHEER System - Documents

Date : Mar 1, 2020
Type: Environmental Hazard Management Plan
Title: Draft Environmental Hazard Management Plan
Document No: 174110
Imported From:

iHEER System - Documents

Date : May 19, 2020
Type: No Further Action Determination w/ ICs Letter
Title: Draft No Further Action Determination with Engineering and Institutional Controls for 630 Cooke Street, Nohona Hale Property Based on the Final Environmental Hazard Management Plan

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		175130				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 19, 2020				
Type:		No Further Action Determination w/ ICs Letter				
Title:		Draft No Further Action Letter				
Document No:		182865				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Undetermined				
Type:		During & After Construction Photos				
Title:						
Document No:		182859				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Feb 12, 2018				
Type:		Environmental Hazard Evaluation Report				
Title:		EHE and EHMP, 630 Cooke St, Honolulu, Oahu, Hawaii, TMK 1-2-1-051: Parcel 014 ETC Job 18-2001				
Document No:		163196				
Imported From:		media130859\EHE-EHMP 630 Cooke St - Feb 2018.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 1, 2017				
Type:		Remedial Alternatives Analysis Report				
Title:		Final Analysis of Brownfields Cleanup Alternatives 630 Cooke Street ABCA				
Document No:		181563				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2020				
Type:		Environmental Hazard Management Plan				
Title:		Final EHMP 630 Cooke Street				
Document No:		175066				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 1, 2017				
Type:		Phase II Environmental Site Assessment				
Title:		FINAL PHASE II INVESTIGATION TARGETED BROWNFIELDS ASSESSMENT REPORT				
Document No:		181562				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 26, 2020				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action Determination with Engineering and Institutional Controls for 630 Cooke Street, Nohona Hale Property				
Document No:		182857				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations Details

Locations ID: 2292
Location Type: SC
Description: 630 Cooke Street
Comment : Google Earth and address
Centroid: POINT (-157.857077 21.300259000000004)
Geometry:

POINT (-157.857077 21.300259000000004)

Locations ID: 6929
Location Type: EHMP
Description: EHMP 630 Cooke Street
Comment : Google Maps and Doc 175066
Centroid: POINT (-157.85709088987005 21.300285775684216)
Geometry:

POLYGON ((-157.85706090674046 21.300072825409639, -157.85688924536416 21.300197774825218, -157.85717624172725 21.300542634660989, -157.85725402578771 21.300307730223476, -157.85706090674046 21.300072825409639))

Details

Centroid: POINT (-157.857077 21.300259000000004)
Updated On: 11/16/2021 3:54:38 PM
Coordinates: 21.300259000000004,-157.857077

179	1 of 1	N	0.50 / 2,647.47	3.28 / 0	215 North King Street Construction Site, Tanks 1 & 2 215 N King St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2093
Site Name (Public iHEER): 215 North King Street Construction Site, Tanks 1 & 2
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, SLR 3.2ft Flooding
Street (Public iHEER): 215 N King St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/20/2020 3:25:06 PM
Ms Access ID (Public iHEER): 11
Suppl Loc (Public iHEER): 215 N King St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115008001, 119008011
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2093
Site Name (PORTAL): 215 North King Street Construction Site, Tanks 1 & 2
Loc Desc (PORTAL): 215 N King St, Honolulu, HI 96817
Address (PORTAL): 215 N King St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2093/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Dec 10, 2004
Document No: 9119
Type: No Further Action Determination Letter
Title: Additional justifications for NFA accepted for Tank No 1 & 2
Imported From: 04-509-UW.pdf

iHEER System - Documents

Date :
Document No: 183476
Type: Undetermined
Title: Informational Documents for the Year 2004
Imported From:

iHEER System - Documents

Date : Nov 16, 2004
Document No: 9120
Type: Undetermined
Title: Request Further Documentation to Justify Closure for Release
Imported From: 04-471-UW.pdf

iHEER System - Documents

Date : Nov 16, 2004
Document No: 9121
Type: Undetermined
Title: Request Further Documentation to Justify Closure for Release
Imported From: 04-472-UW.pdf

iHEER System - Locations Details

Locations ID: 721
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.864686 21.314256000000007)
Geometry:

POINT (-157.864686 21.314256000000007)

iHEER System - Locations Details

Locations ID: 10649
Location Type: SB
Description: Rough boundary
Comment : From TMK
Centroid: POINT (-157.86472927767886 21.314395755630464)
Geometry:

POLYGON ((-157.86435742940085 21.314759496881084, -157.86436011160856 21.314831960309839, -157.86438961590272 21.31486444390389, -157.86446471775542 21.314896927490768, -157.86506016816159 21.315129309866936, -157.86506285036936 21.315126811134022, -157.8650682147848 21.315099325064896, -157.86501725281079 21.313657548608742, -157.86499579513986 21.31364755357496, -157.86495824421354 21.313667543641021, -157.8643735226473 21.313919917994372, -157.86436547602406 21.313942406777294,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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-157.8643681582318 21.313977389321494, -157.86435742940085 21.314759496881084))

Site Details

Centroid: POINT (-157.864686 21.314256000000007)
Updated On: 10/20/2020 3:25:06 PM
Coordinates: 21.314256000000007,-157.864686

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: SLR 3.2ft Flooding

<u>180</u>	1 of 1	W	0.52 / 2,727.49	3.28 / 0	Sand Island Business Association Lot 023 AST 1020 Ulupono St Honolulu HI 96819	SHWS
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iHEER ID (Public iHEER): 6
Site Name (Public iHEER): Sand Island Business Association Lot 023 AST
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization, Honolulu Harbor Sand Island Unit, Sand Island Business Association Lot 023
Street (Public iHEER): 1020 Ulupono St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 830
Suppl Loc (Public iHEER): 1020 Ulupono St
Tax Map Keys (Public iHEER): 115041061
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 6
Site Name (PORTAL): Sand Island Business Association Lot 023 AST
Loc Desc (PORTAL): 1020 Ulupono St
Address (PORTAL): 1020 Ulupono St
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Laura Young
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/6/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 51780
Type: Undetermined
Title: Correspondence and No Further Action
Imported From: 114520#\Heersharepoint1\facilitiesite%20documents\114520.pdf

iHEER System - Documents

Date :
Document No: 51779
Type: Undetermined
Title: No Further Action Decision for DF Builder 1020 Ulupono Street SIBA Lot 23
Imported From: 114503#\Heersharepoint1\facilitiesite%20documents\114503.pdf

iHEER System - Documents

Date : Jul 6, 2001
Document No: 51781
Type: Undetermined
Title: Phase I ESA for DF Builder Corp. 1020 Ulupono St (SIBA Lot 023) Honolulu HI 96819
Imported From: 39409#\Heersharepoint1\facilitiesite%20documents\39409.pdf

iHEER System - Documents

Date : Jul 6, 2001
Document No: 51782
Type: Undetermined
Title: Phase I ESA for DF Builder Corp. 1020 Ulupono St (SIBA Lot 023) Honolulu HI 96819
Imported From: \facilitiesite documents\media39409\Report.pdf

iHEER System - Documents

Date : Aug 1, 2001
Document No: 50251
Type: Undetermined
Title: Phase II Investigation Report DF Builder Corp. Lot 23 Sand Island Industrial Park
Imported From: 39407#\Heersharepoint1\facilitiesite%20documents\39407.pdf

iHEER System - Documents

Date : Nov 21, 2001
Document No: 50249
Type: Undetermined
Title: Phase II Subsurface Investigation Report for 1020 Ulupono St (SIBA Lot 023) Honolulu HI 96819, TMK 4-041-061
Imported From: 39408#\Heersharepoint1\facilitiesite%20documents\39408.pdf

iHEER System - Locations Details

Locations ID: 1852
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.874406 21.30430699999998)
Geometry:

POINT (-157.874406 21.30430699999998)

iHEER System - Locations Details

Locations ID: 7076
Location Type: SB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description:

Comment : Placed by RPM
Centroid: POINT (-157.874440413533085 21.304320127874995)
Geometry:

POLYGON ((-157.87399061227387 21.304447436057725, -157.87469871545017 21.304619861089908, -157.87481136822922 21.304187548670939, -157.87411399388392 21.304022619897967, -157.87399061227387 21.304447436057725))

Site Details

Centroid: POINT (-157.874406 21.304306999999998)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.304306999999998,-157.874406

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Sand Island Business Association Lot 023

181	1 of 1	SE	0.52 / 2,761.32	3.28 / 0	Rubber Stamp Plantation 746 Ilaniwai St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 509
Site Name (Public iHEER): Rubber Stamp Plantation
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 746 Ilaniwai St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): PA/SI
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 7/9/2020 4:24:31 PM
Ms Access ID (Public iHEER): 1947
Suppl Loc (Public iHEER): 746 Ilaniwai St, Honolulu, HI 96813, USA
Tax Map Keys (Public iHEER): 121050030
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 509
Site Name (PORTAL): Rubber Stamp Plantation
Loc Desc (PORTAL): 746 Ilaniwai St, Honolulu, HI 96813, USA
Address (PORTAL): 746 Ilaniwai St
 Honolulu, HI 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		PA/SI				
Assigned Rpm (PORTAL):		Paul Chong				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/509/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jan 5, 2011
Document No: 138705
Type: Undetermined
Title: Phase 3: Work Plan, Removal of Underground Fuel Tank Revision 1, No 109-00299-PH3
Imported From: 94218#\Heersharepoint1\facilitiesite%20documents\94218.pdf

iHEER System - Documents

Date : May 17, 2011
Document No: 138704
Type: Undetermined
Title: Phase II Underground Fuel Tank Removal and Closure, Rubber Stamp Plantation, 746 Ilaniwai St, Honolulu HI
Imported From: 95181#\Heersharepoint1\facilitiesite%20documents\95181.pdf

iHEER System - Documents

Date : Oct 1, 2010
Document No: 138702
Type: Undetermined
Title: Photos and Site Location for Rubber Stamp Plantation
Imported From: 120109#\Heersharepoint1\facilitiesite%20documents\120109.pdf

iHEER System - Documents

Date : Feb 1, 2011
Document No: 138701
Type: Undetermined
Title: Work Plan for removal of Underground Fuel Tank
Imported From: 2011-057#Q:\2011 Final Correspondence (Day File)\11-057-PC.pdf

iHEER System - Documents

Date : Nov 9, 2010
Document No: 138706
Type: Undetermined
Title: Work Plan, Removal of Underground Fuel Tank, Rubber Stamp Plantation
Imported From: 93668#\Heersharepoint1\facilitiesite%20documents\93668.pdf

iHEER System - Documents

Date : May 24, 2011
Document No: 138700
Type: Undetermined
Title: Address Correction for NFA Letter, 746 Ilaniwai St, Honolulu HI, ENPRO Project Number: 109-00299-PH3
Imported From: 95226#\Heersharepoint1\facilitiesite%20documents\95226.pdf

iHEER System - Documents

Date : Jul 8, 2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 138703
Type: No Further Action Determination Letter
Title: Closure and Removal of Underground Fuel Tank at 746 Ilaniwai St
Imported From: 2011-378#Q:\2011 Final Correspondence (Day File)\11-378-PC.pdf

iHEER System - Documents

Date : May 17, 2011
Document No: 13868
Type: Undetermined
Title: Closure and Removal of Underground Fuel Tank at 746 Ilaniwai St, Honolulu HI
Imported From: 95180#\Heersharepoint1\facilitiesite%20documents\95180.pdf

iHEER System - Locations Details

Locations ID: 6203
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.856713 21.299671000000007)
Geometry:

POINT (-157.856713 21.299671000000007)

Site Details

Centroid: POINT (-157.856713 21.299671000000007)
Updated On: 7/9/2020 4:24:31 PM
Coordinates: 21.299671000000007,-157.856713

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

182	1 of 1	SSE	0.53 / 2,815.39	3.28 / 0	Bishop Estate - Underground Hoists Removal 744 Ala Moana Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2709
Site Name (Public iHEER): Bishop Estate - Underground Hoists Removal
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project, Underground Hoists
Street (Public iHEER): 744 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 107
Suppl Loc (Public iHEER): 744 Ala Moana Blvd
Tax Map Keys (Public iHEER): 121056004, 121056010
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (PORTAL):		2709				
Site Name (PORTAL):		Bishop Estate - Underground Hoists Removal				
Loc Desc (PORTAL):		744 Ala Moana Blvd				
Address (PORTAL):		744 Ala Moana Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2709/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 11, 2014
Document No: 13747
Type: Undetermined
Title: Documentation of the Conditions of Ten Former Groundwater Wells located at 744 Ala Moana Blvd TMK 1-2-1-056-004, Honolulu, Oahu, HDOH Facility ID 9-102163 and Release Identification No 890036
Imported From: \facilitysite documents\media111405\014141.00 FINAL Letter Report - Well Documentation.pdf

iHEER System - Documents

Date : Nov 11, 2014
Document No: 13748
Type: Undetermined
Title: Documentation of the Conditions of Ten Former Groundwater Wells located at 744 Ala Moana Blvd TMK 1-2-1-056-004, Honolulu, Oahu, HDOH Facility ID 9-102163 and Release Identification No 890036
Imported From: \facilitysite documents\media111405\Transmittal-HDOH - HEER Signed.pdf

iHEER System - Documents

Date : Jan 23, 2003
Document No: 25685
Type: Undetermined
Title: Hoist Removal and Subsurface Investigation 744 Ala Moana Blvd, Honolulu HI
Imported From: 36541#\Heersharepoint1\facilitysite%20documents\36541.pdf

iHEER System - Documents

Date : Jun 30, 2003
Document No: 25683
Type: Undetermined
Title: NFA Letter for Hoist Removal, etc 744 Ala Moana Blvd, Honolulu HI
Imported From: 50585#\Heersharepoint1\facilitysite%20documents\50585.pdf

iHEER System - Documents

Date : Jun 30, 2003
Document No: 25684
Type: No Further Action Determination w/ ICs Letter
Title: NFA Letter for Hoist Removal, etc 744 Ala Moana Blvd, Honolulu HI
Imported From: 2003-179#Q:\2003 Final Correspondence (Day File)\03-179-CAC.pdf

iHEER System - Locations Details

Locations ID: 803
Location Type: SC
Description: Underground Hoist Removal

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comment :		Google Earth				
Centroid:		POINT (-157.86028499999998 21.296754)				
Geometry:		POINT (-157.86028499999998 21.296754)				

iHEER System - Locations Details

Locations ID:	7604
Location Type:	NFAIC
Description:	NFAIC Hoists Removal
Comment :	Google Maps and Doc 25685
Centroid:	POINT (-157.86018605090848 21.296890404840774)
Geometry:	

POLYGON ((-157.86021374105138 21.296971299681754, -157.86027274965767 21.29692631691649, -157.86016277908632 21.296808861854974, -157.86009840606459 21.296858842743628, -157.86021374105138 21.296971299681754))

Site Details

Centroid:	POINT (-157.86028499999998 21.296754)
Updated On:	5/30/2019 8:35:41 PM
Coordinates:	21.296754,-157.86028499999998

iHEER System - Aliases

Name:	Honolulu High-Capacity Transit Corridor Project
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iHEER System - Aliases

Name:	1% flood risk with SLR 3.2ft
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iHEER System - Aliases

Name:	Brownfields Received a Restricted NFA
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iHEER System - Aliases

Name:	Underground Hoists
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183	1 of 1	SE	0.54 / 2,835.07	3.28 / 0	760 Halekauwila Street VRP Site 33 760 Halekauwila St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER):	916
Site Name (Public iHEER):	760 Halekauwila Street VRP Site 33
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft, 760 Halekauwila Street, Brownfields Medium Priority Site
Street (Public iHEER):	760 Halekauwila St
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96813
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Remedy In Place
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	VRP
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	10/1/2021 9:32:41 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ms Access ID (Public iHEER):			3181			
Suppl Loc (Public iHEER):			760 Halekauwila Street			
Tax Map Keys (Public iHEER):			121050003			
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):			916			
Site Name (PORTAL):			760 Halekauwila Street VRP Site 33			
Loc Desc (PORTAL):			760 Halekauwila Street			
Address (PORTAL):			760 Halekauwila St Honolulu, HI 96813			
County (PORTAL):			Honolulu			
Island (PORTAL):			Oahu			
Status (PORTAL):			REMEDY SELECTED			
Priority (PORTAL):			Unranked			
Lead Agency (PORTAL):			HEER Office			
Program (PORTAL):			VRP			
Assigned Rpm (PORTAL):			Sven Lindstrom			
Details URL (PORTAL):			https://eha-cloud.doh.hawaii.gov/iheer#!/site/916/details/view			
Data Source(s):			iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)			

iHEER System - Documents

Date : Aug 6, 2020
Document No: 176281
Type: Review Letter
Title: Comments on Voluntary Response Program (VRP 33) Task 1 Summary of Environmental Work
Imported From:

iHEER System - Documents

Date : Feb 5, 2021
Document No: 178663
Type: Review Letter
Title: Comments on Voluntary Response Program (VRP 33) Task 2 & 3 Site Work Plan (Revision 1)
Imported From:

iHEER System - Documents

Date : Feb 26, 2021
Document No: 178907
Type: Review Letter
Title: Comments on Voluntary Response Program (VRP 33) Task 2 & 3 Site Work Plan (Revision 2)
Imported From:

iHEER System - Documents

Date : May 16, 2019
Document No: 170447
Type: Agreement
Title: Consent Letter T. Kaya
Imported From:

iHEER System - Documents

Date : May 8, 2019
Document No: 168598
Type: Environmental Hazard Evaluation Report
Title: Draft EHE -Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii
Imported From: media137585\7-ENPRO 5-8-19 DRAFT EHE.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 8, 2019
Document No: 168605
Type: Environmental Hazard Evaluation Report
Title: Draft EHMP-Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii
Imported From: media137585\8-ENPRO 5-8-19 DRAFT Interim EHMP.PDF

iHEER System - Documents

Date : Feb 28, 2019
Document No: 168617
Type: Site Characterization Work Plan
Title: Draft Soil and Groundwater Sampling and Analysis Plan, 760 Halekauwila Street, Honolulu Hawaii
Imported From: 136182.pdf

iHEER System - Documents

Date : Jun 7, 2019
Document No: 170450
Type: Interim EHMP
Title: EHE and Revised EHMP-June 2017
Imported From:

iHEER System - Documents

Date : Jul 11, 2019
Document No: 170452
Type: Undetermined
Title: Email Additional Comments on EHE/EHMP and Phase II Report
Imported From:

iHEER System - Documents

Date : Jun 21, 2019
Document No: 170913
Type: Undetermined
Title: Email Phase II and EHE/EHMP comments
Imported From:

iHEER System - Documents

Date : Jun 8, 1990
Document No: 176320
Type: Undetermined
Title: Halekauwila Engineering drawings
Imported From:

iHEER System - Documents

Date : May 14, 2019
Document No: 168600
Type: Phase II Environmental Site Assessment
Title: Hawaii Voluntary Response Program Application 758/760 Halekauwila Street, Honolulu, Hawaii
Imported From: media137585\1-Geologica 3-13-07 Supplemental Phase II Subsurface Investigation and Limited Phase III Soil Removal Action.pdf

iHEER System - Documents

Date : May 29, 2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			170446			
Type:			Review Letter			
Title:			HEER Responsibilities Disposal Concern Letter-SHWB			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 8, 2019			
Document No:			168612			
Type:			Interim EHMP			
Title:			Interim EHE/EHMP-Version 1			
Imported From:			media137426\1901-00061-PH2 Halekauwila EHE_EHMP-v1.pdf			
<u>iHEER System - Documents</u>						
Date :			May 14, 2019			
Document No:			168602			
Type:			Agreement			
Title:			Nalu Aio Agreement Hawaii Voluntary Response Program Application 758/760 Halekauwila Street, Honolulu, Hawaii			
Imported From:			media137585\137585.pdf			
<u>iHEER System - Documents</u>						
Date :			May 29, 2019			
Document No:			170448			
Type:			Undetermined			
Title:			Notification of Application for VRP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 14, 2019			
Document No:			168604			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I (Ford)-Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii			
Imported From:			\\facilitysite documents\media137585\4-Ford 2-28-19 Phase I ESA Commercial Property Located at 760 Halekauwila Street.PDF			
<u>iHEER System - Documents</u>						
Date :			May 14, 2019			
Document No:			168603			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I -Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii			
Imported From:			\\facilitysite documents\media137585\2-ENPRO 10-4-18 Phase 1 ESA Report (760 Halekauwila).PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 4, 2018			
Document No:			168609			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I ESA (ENPRO), 760 Halekauwila Street, Honolulu Hawaii			
Imported From:			134593.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 3, 2019			
Document No:			170418			
Type:			Undetermined			
Title:			Photo VRP_sign			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Aug 19, 2020
Document No: 176656
Type: Response to Comments
Title: Responses to State of Hawaii Department of Health (HDOH) Comments on Voluntary Response Program (VRP) Site 33, Task 1, Summary of Environmental Work; Prepared by Ford & Associates, Inc., dated October 29, 2019

Imported From:

iHEER System - Documents

Date : Apr 25, 2019
Document No: 170445
Type: Review Letter
Title: Review of Soil and Groundwater Sampling and Analysis Plan, 760 Halekauwila Street, Honolulu, HI; Dated March 7, 2019

Imported From:

iHEER System - Documents

Date : Jun 7, 2019
Document No: 170449
Type: Environmental Assessment
Title: Revised Soil & Groundwater Summary Report

Imported From:

iHEER System - Documents

Date : Jan 13, 2021
Document No: 178440
Type: Site Characterization Work Plan
Title: Revised Voluntary Response Program (VRP 33) Task 2 & 3 Site Work Plan (Revision 1) 758/760 Halekauwila Street

Imported From:

iHEER System - Documents

Date : Dec 20, 2018
Document No: 168616
Type: Site Characterization Report
Title: Revision of November 29, 2018 Groundwater, Soil Vapor, and Multi-Increment and Composite Soil Sampling and Analysis Report, 760 Halekauwila Street, Honolulu Hawaii, ENPRO Project Number: 1810-00590-PH2 134594.pdf

Imported From:

iHEER System - Documents

Date : Mar 7, 2019
Document No: 168607
Type: Site Characterization Work Plan
Title: Sampling and Analysis Plan
Imported From: media136874\1901-00061-PH2 Halekauwila SAP 3.7.19-v1.pdf

iHEER System - Documents

Date : Jul 23, 1993
Document No: 168618
Type: Undetermined
Title: SHWB Documents on 760 Halekauwila Photoprocessing Operations
Imported From: 137601.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Mar 7, 2019	
Document No:					168615	
Type:					Site Characterization Work Plan	
Title:					Soil and Groundwater Sampling and Analysis Plan 760 Halekauwila Street, Honolulu Hawaii ENPRO Project Number: 1901-00061-PH2	
Imported From:					media136240\1901-00061-PH2 Halekauwila SAP 3.7.19-v1.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 30, 2019	
Document No:					168610	
Type:					Site Characterization Report	
Title:					Soil and Groundwater Sampling and Analysis, Results Summary Letter Report_version 1	
Imported From:					media137356\ENPRO 1901-00061-PH2 Final Report (760 Halekauwila Street Honolulu Hawaii)-v1.pdf	
<u>iHEER System - Documents</u>						
Date :					May 14, 2019	
Document No:					168599	
Type:					Environmental Assessment	
Title:					Soil and GW Summary- Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii	
Imported From:					\facilitysite documents\media137585\6-ENPRO 4-30-19 Soil and Groundwater Sampling Summary Letter Report. PDF	
<u>iHEER System - Documents</u>						
Date :					May 14, 2019	
Document No:					168606	
Type:					Environmental Assessment	
Title:					Summary Assessmt Letter-Hawaii VRP Program Application 758/760 Halekauwila Street, Honolulu, Hawaii	
Imported From:					\facilitysite documents\media137585\5-ENPRO 4-18-19 PH2 Summary Letter for Laboratory Analysis.PDF	
<u>iHEER System - Documents</u>						
Date :					Mar 13, 2007	
Document No:					170443	
Type:					Phase II Environmental Site Assessment	
Title:					Supplemental_PhaseII_Lmt_Phase_III	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 14, 2019	
Document No:					168601	
Type:					Environmental Assessment	
Title:					SV, GW and MI Assmt Report-Hawaii VRP Application 758/760 Halekauwila Street, Honolulu, Hawaii	
Imported From:					\facilitysite documents\media137585\3-ENPRO 11-29-18 Ltr re Groundwater and Soil Sampling and Analysis (760 Halekauwila).PDF	
<u>iHEER System - Documents</u>						
Date :					Oct 29, 2019	
Document No:					176256	
Type:					Phase I Environmental Site Assessment	
Title:					Voluntary Response Program (VRP 33) Task 1 Summary of Environmental Work	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 13, 2020
Document No: 176411
Type: Site Characterization Work Plan
Title: Voluntary Response Program (VRP 33) Task 2 & 3 Site Work Plan
Imported From:

iHEER System - Documents

Date : Jun 7, 2019
Document No: 170451
Type: Agreement
Title: Voluntary Response Program Agreement Between Nalu Aio, LLC and the State of Hawaii Department of Health 758/760 Halekauwila Street
Imported From:

iHEER System - Documents

Date : Feb 19, 2021
Document No: 178860
Type: Site Characterization Work Plan
Title: Voluntary Response Program (VRP 33) Task 2 & 3 Site Work Plan (Revision 2)
Imported From:

iHEER System - Locations Details

Locations ID: 2264
Location Type: SC
Description: 760 Halekauwila Street
Comment :
Centroid: POINT (-157.856874 21.298987)
Geometry:

POINT (-157.856874 21.298987)

iHEER System - Locations Details

Locations ID: 6947
Location Type: EHMP
Description: EHMP 760 Halekauwila St
Comment : Google Maps and Doc 170450
Centroid: POINT (-157.85686777730982 21.298993319660006)
Geometry:

POLYGON ((-157.85689411656858 21.299238150072348, -157.85669563310586 21.29907571475097, -157.85664198892405 21.29912569486957, -157.85657225148682 21.299063219718871, -157.85689411656858 21.298735849498126, -157.85699604050771 21.29881331885306, -157.85695044295812 21.298865798069617, -157.85701213376313 21.298923275286334, -157.85706041352944 21.29887079608946, -157.85713819758988 21.298938269338656, -157.85708723561586 21.299008241564866, -157.85689411656858 21.299238150072348))

Site Details

Centroid: POINT (-157.856874 21.298987)
Updated On: 10/1/2021 9:32:41 AM
Coordinates: 21.298987,-157.856874

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 760 Halekauwila Street

iHEER System - Aliases

Name: Brownfields Medium Priority Site

184	1 of 2	ESE	0.56 / 2,943.08	6.56 / 3	The Honolulu Advertiser (Hawaii Newspaper Agency) 605 Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1693
Site Name (Public iHEER): The Honolulu Advertiser (Hawaii Newspaper Agency)
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Parcel 003, Parcel 004
Street (Public iHEER): 605 Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): 5/30/2019 8:35:41 PM
Updated on (Public iHEER): 1972
Ms Access ID (Public iHEER): 605 Kapiolani Blvd, 610 Kawaiahao St, 801 South St
Suppl Loc (Public iHEER): 121047003, 121047004
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1693
Site Name (PORTAL): The Honolulu Advertiser (Hawaii Newspaper Agency)
Loc Desc (PORTAL): 605 Kapiolani Blvd, 610 Kawaiahao St, 801 South St
Address (PORTAL): 605 Kapiolani Blvd
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1693/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Apr 28, 2011
Document No: 12898
Type: Comment Letter
Title: Summary of Existing Data Report (SEDR), Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Feb 8. 2011
Imported From: 2011-249#Q:\2011 Final Correspondence (Day File)\11-249-CMM.pdf

iHEER System - Documents

Date : Feb 23, 2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			137583			
Type:			Undetermined			
Title:			Summary of Existing Data Report (SEDR), Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Feb 8, 2011			
Imported From:			94482#\Heersharepoint1\facilitiesite%20documents\94482.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 13, 2017			
Document No:			137575			
Type:			Environmental Hazard Management Plan			
Title:			801 South Street Building B, Parcel 004 - Completion Report and EHMP			
Imported From:			\facilitiesite documents\media125954\114051 Completion Report Final.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 13, 2017			
Document No:			137576			
Type:			Environmental Hazard Management Plan			
Title:			801 South Street Building B, Parcel 004 - Completion Report and EHMP			
Imported From:			\facilitiesite documents\media125954\125954.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2011			
Document No:			196447			
Type:			Undetermined			
Title:			Draft - Environmental Hazard Evaluation Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2011			
Document No:			184690			
Type:			Undetermined			
Title:			Draft - Environmental Hazard Management Plan			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2011			
Document No:			137577			
Type:			Undetermined			
Title:			Draft EHE Report and Draft EHMP, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI			
Imported From:			96144#\Heersharepoint1\facilitiesite%20documents\96144.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 4, 2011			
Document No:			137573			
Type:			Undetermined			
Title:			Draft EHMP, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI			
Imported From:			2011-553#Q:\2011 Final Correspondence (Day File)\11-553-CMM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2011			
Document No:			137574			
Type:			Undetermined			
Title:			Final EHE Report and Final EHMP, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St,			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					Honolulu HI 96402#\Heersharepoint1\facilitiesite%20documents\96402.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 10, 2011	
Document No:					137580	
Type:					Environmental Hazard Evaluation Report	
Title:					Final EHE, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Oct 2011	
Imported From:					\facilitiesite documents\media96404\FINAL EHE Report.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 10, 2011	
Document No:					137582	
Type:					Site Characterization Report	
Title:					Final EHE, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Oct 2011	
Imported From:					\facilitiesite documents\media96404\EHEAppdxC_Phase2addendum.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 10, 2011	
Document No:					137579	
Type:					Phase I Environmental Site Assessment	
Title:					Final EHE, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Oct 2011	
Imported From:					\facilitiesite documents\media96404\EHEAppdxA_PhaseIESAwithattachments.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 10, 2011	
Document No:					137581	
Type:					Site Characterization Report	
Title:					Final EHE, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI, Oct 2011	
Imported From:					\facilitiesite documents\media96404\EHEAppdxB_Phase2withattachments.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 10, 2011	
Document No:					12017	
Type:					Environmental Hazard Management Plan	
Title:					Final EHMP, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI	
Imported From:					96403#\Heersharepoint1\facilitiesite%20documents\96403.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 26, 2011	
Document No:					4831	
Type:					No Further Action Determination w/ ICs Letter	
Title:					Final EHMP, Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI	
Imported From:					2011-618#Q:\2011 Final Correspondence (Day File)\11-618-CMM.pdf	
<u>iHEER System - Documents</u>						
Date :					May 31, 2017	
Document No:					137572	
Type:					No Further Action Determination w/ ICs Letter	
Title:					No Further Action with Institutional Controls (ICs) for Former Honolulu Advertiser Property, Former: 605 Kapiolani Blvd, Current: 801 South Street Building B, Honolulu HI 96813, TMK 1-2-1-047-004	
Imported From:					2017-169#Q:\2017 Final Correspondence (Day File)\17-169 SPM.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 6, 2013
Document No: 137578
Type: Undetermined
Title: Other Documents for the Honolulu Advertiser (Hawaii Newspaper Agency)
Imported From: 120222#\Heersharepoint1\facilitiesite%20documents\120222.pdf

iHEER System - Documents

Date : Feb 23, 2011
Document No: 12517
Type: Undetermined
Title: Summary of Existing Data Report (SEDR), Honolulu Advertiser Property, 605 Kapiolani Blvd & 610 Kawaiahao St, Honolulu HI
Imported From: 94481#\Heersharepoint1\facilitiesite%20documents\94481.pdf

iHEER System - Locations Details

Locations ID: 1435
Location Type: SC
Description: The Honolulu Advertiser
Comment : Matched 605 KAPIOLANI BLVD to TMK 121047004 v; eric.sadoyama; Primary;
Centroid: POINT (-157.856 21.3028)
Geometry:

POINT (-157.856 21.3028)

iHEER System - Locations Details

Locations ID: 6548
Location Type: NFAIC
Description: NFAIC Parcel 004
Comment : Google Maps and Doc 137575 137572
Centroid: POINT (-157.85573341371503 21.302835537819647)
Geometry:

POLYGON ((-157.85511755323168 21.302532495718669, -157.85594099140371 21.30225261332712, -157.85634064054594 21.303119747217561, -157.85554938888475 21.303437111944291, -157.85511755323168 21.302532495718669))

iHEER System - Locations Details

Locations ID: 7674
Location Type: NFAIC
Description: NFAIC Parcel 003
Comment : Google Maps and Doc 4831
Centroid: POINT (-157.85649969796921 21.30257172488874)
Geometry:

POLYGON ((-157.85634734606529 21.303112375355081, -157.85692402099932 21.30287497608338, -157.85698839402104 21.302819999355446, -157.85700180505975 21.302777517324291, -157.85698302959659 21.302740033168256, -157.85667725777026 21.302042826134926, -157.85597183680173 21.302300218364135, -157.85634198164979 21.303114874292394, -157.85634734606529 21.303112375355081))

Site Details

Centroid: POINT (-157.856 21.3028)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.3028,-157.856

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		Parcel 003				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Received a Restricted NFA				
<u>iHEER System - Aliases</u>						
Name:		Parcel 004				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
184	2 of 2	ESE	0.56 / 2,943.08	6.56 / 3	Parcel 004 605 Kapiolani Blvd Honolulu HI 96813	DELISTED SHWS

Delisted HEER Sites of Interest

iHEER ID (Public iHEER): 2501
Site Name (Public iHEER): Parcel 004
Street (Public iHEER): 605 Kapiolani Blvd
City (Public iHEER): Honolulu
County (Public iHEER): Honolulu
Zip Code (Public iHEER): 96813
State (Public iHEER): HI
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Updated on (Public iHEER): 2020-02-08T06:20:29.8200000
Island (Public iHEER): Oahu
Suppl Loc (Public iHEER): 605 Kapiolani Blvd
Assigned Rpm:
Is Public: TRUE
Aliases:
Msaccess ID:
Status Name:
Taxmap Keys:
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
Iheer ID (PORTAL):
Site Name (PORTAL):
Address (PORTAL):
County (PORTAL):
Status (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Priority (PORTAL):
Assigned Rpm (PORTAL):
Location Desc (PORTAL):
Island (PORTAL):
Details Url (PORTAL):
Data Source(s):
Original Source: SHWS
Record Date: 29-DEC-2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
185	1 of 2	ENE	0.56 / 2,965.00	17.80 / 15	Queen's Medical Center UST 1301 Punchbowl St Honolulu HI 96813	SHWS

iHEER ID (Public iHEER): 845
Site Name (Public iHEER): Queen's Medical Center UST
Aliases (Public iHEER): Brownfields Closed Incomplete Characterization, LUST Release ID 990096
Street (Public iHEER): 1301 Punchbowl St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/9/2019 9:20:10 AM
Ms Access ID (Public iHEER): 1110
Suppl Loc (Public iHEER): 1301 Punchbowl St
Tax Map Keys (Public iHEER): 121035003
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 845
Site Name (PORTAL): Queen's Medical Center UST
Loc Desc (PORTAL): 1301 Punchbowl St
Address (PORTAL): 1301 Punchbowl St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/845/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Aug 11, 2006
Document No: 60735
Type: No Further Action Determination Letter
Title: NFA Determination
Imported From: 2006-495#Q:2006 Final Correspondence (Day File)\06-495-ES.pdf

iHEER System - Documents

Date : Aug 9, 2006
Document No: 14874
Type: Undetermined
Title: Queens Medical Center, 1301 Punchbowl St, UST Installation, Request to Install USTs
Imported From: 5160#\Heersharepoint1\facilitysite%20documents\5160.pdf

iHEER System - Locations Details

Locations ID: 1243
Location Type: SC
Description:
Comment : Centroid, TMK 121035003; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.854 21.3078)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POINT (-157.854 21.3078)

Site Details

Centroid: POINT (-157.854 21.3078)
Updated On: 12/9/2019 9:20:10 AM
Coordinates: 21.3078,-157.854

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

iHEER System - Aliases

Name: LUST Release ID 990096

185	2 of 2	ENE	0.56 / 2,965.00	17.80 / 15	Queens Medical Center 1301 Punchbowl St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2687
Site Name (Public iHEER): Queens Medical Center
Aliases (Public iHEER): Brownfields Low Priority Site
Street (Public iHEER): 1301 Punchbowl St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/21/2020 4:39:09 PM
Ms Access ID (Public iHEER): 3163
Suppl Loc (Public iHEER): 1301 Punchbowl St
Tax Map Keys (Public iHEER): 121035003
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2687
Site Name (PORTAL): Queens Medical Center
Loc Desc (PORTAL): 1301 Punchbowl St
Address (PORTAL): 1301 Punchbowl St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2687/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 26, 2006
Document No: 170344

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
 Title: Investigation of a Complaint at Queen's Medical Center
 Imported From: 2006-443#Q:\2006 Final Correspondence (Day File)\06-443 BYE.pdf

iHEER System - Documents

Date : Jul 26, 2023
 Document No: 203478
 Type: CEHMP
 Title: Project-Specific Construction Environmental Hazard Management Plan For The Queen's Medical Center Punchbowl ED Expansion
 Imported From:

iHEER System - Locations Details

Locations ID: 2255
 Location Type: SC
 Description: Queens Medical Center
 Comment : Matched 1301 PUNCHBOWL ST to TMK 121035003 vi; eric.sadoyama; Primary;
 Centroid: POINT (-157.854 21.3078)
 Geometry:

POINT (-157.854 21.3078)

Site Details

Centroid: POINT (-157.854 21.3078)
 Updated On: 6/21/2020 4:39:09 PM
 Coordinates: 21.3078,-157.854

iHEER System - Aliases

Name: Brownfields Low Priority Site

186	1 of 1	SSE	0.56 / 2,966.01	6.51 / 3	Y Hata & Company Kakaako Cooke St & Ilalo St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 870
 Site Name (Public iHEER): Y Hata & Company Kakaako
 Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Kakaako Makai, Kakaako Makai Gateway
 Street (Public iHEER): Cooke St & Ilalo St
 City (Public iHEER): Honolulu
 State (Public iHEER): HI
 Zip (Public iHEER): 96814
 County (Public iHEER): Honolulu
 Island (Public iHEER): Oahu
 Status (Public iHEER): NFA
 Lead Agency (Public iHEER): HEER Office
 Program (Public iHEER): State
 Assigned Rpm (Public iHEER):
 Is Public (Public iHEER): TRUE
 Updated on (Public iHEER): 7/9/2020 10:51:42 AM
 Ms Access ID (Public iHEER): 991
 Suppl Loc (Public iHEER): Cooke St & Ilalo St
 Tax Map Keys (Public iHEER): 121059023, 121059024, 121059025, 121059026, 121060007, 121060008
 iHEER ID (Non Public iHEER):
 Site Name (Non Public iHEER):
 Address (Non Public iHEER):
 City State Zip (Non Public):
 Suppl Loc Text(Non Public):
 iHEER ID (PORTAL): 870
 Site Name (PORTAL): Y Hata & Company Kakaako

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Loc Desc (PORTAL):		Cooke St & Ilalo St				
Address (PORTAL):		Cooke St & Ilalo St Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/870/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Aug 11, 2005
Document No: 54934
Type: No Further Action Determination Letter
Title: "No Further Action" determination
Imported From: 2005-411#Q:\2005 Final Correspondence (Day File)\05-411-ES.pdf

iHEER System - Documents

Date : Mar 13, 1998
Document No: 54930
Type: Undetermined
Title: Kakaako Makai Gateway Park Pit Final Report
Imported From: 40221#\Heersharepoint1\facilitiesite%20documents\40221.pdf

iHEER System - Documents

Date : Aug 10, 2005
Document No: 54935
Type: Undetermined
Title: Map and Photos for Kakaako Brownfield
Imported From: 119794#\Heersharepoint1\facilitiesite%20documents\119794.pdf

iHEER System - Documents

Date : Nov 21, 1997
Document No: 54931
Type: Undetermined
Title: Transmittal for pit sludge-water analysis and location map of pit
Imported From: 4262#\Heersharepoint1\facilitiesite%20documents\4262.pdf

iHEER System - Documents

Date : Mar 6, 1998
Document No: 54932
Type: Undetermined
Title: Transmittal for the test results for the groundwater sample that was taken from the abandoned cesspool in ID-5 project (former Y. Hata site)
Imported From: 4261#\Heersharepoint1\facilitiesite%20documents\4261.pdf

iHEER System - Documents

Date : Mar 25, 1998
Document No: 54933
Type: Undetermined
Title: Transmittal Letter for: 1 set, Photographs for 3/10/98 Muranaka Report on Sludge in Y. Hata Site
Imported From: 4606#\Heersharepoint1\facilitiesite%20documents\4606.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 1925
Location Type: SC
Description:
Comment : TMK 121060007
Centroid: POINT (-157.86221100000003 21.29471)
Geometry:

POINT (-157.86221100000003 21.29471)

Site Details

Centroid: POINT (-157.86221100000003 21.29471)
Updated On: 7/9/2020 10:51:42 AM
Coordinates: 21.29471,-157.86221100000003

iHEER System - Aliases

Name: Kakaako Makai Gateway

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

187	1 of 1	SSE	0.57 / 2,992.15	3.28 / 0	Pflueger Oil-Water Separator 777 Ala Moana Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 613
Site Name (Public iHEER): Pflueger Oil-Water Separator
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Pflueger Company oil-water separator release
Street (Public iHEER): 777 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Unreviewed
Lead Agency (Public iHEER): SHWB
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2046
Suppl Loc (Public iHEER): 777 Ala Moana Blvd
Tax Map Keys (Public iHEER): 121059004
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 613
Site Name (PORTAL): Pflueger Oil-Water Separator
Loc Desc (PORTAL): 777 Ala Moana Blvd
Address (PORTAL): 777 Ala Moana Blvd
 Honolulu, HI 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		UNREVIEWED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		SHWB				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/613/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jan 20, 2010
Document No: 13745
Type: Undetermined
Title: Release Notification, Case ID 20091221-1600, 777 Ala Moana Blvd, Honolulu HI
Imported From: 62249#\Heersharepoint1\facilitiesite%20documents\62249.pdf

iHEER System - Locations Details

Locations ID: 3488
Location Type: SC
Description: 777 Ala Moana Blvd
Comment : Google Maps and Address
Centroid: POINT (-157.860507 21.295361)
Geometry:

POINT (-157.860507 21.295361)

Site Details

Centroid: POINT (-157.860507 21.295361)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.295361,-157.860507

iHEER System - Aliases

Name: Pflueger Company oil-water separator release

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

188	1 of 1	ESE	0.57 / 2,999.28	6.56 / 3	Motor Imports 650 Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1477
Site Name (Public iHEER): Motor Imports
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project, Servco Pacific Motor Imports
Street (Public iHEER): 650 Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/28/2021 9:48:55 AM				
Ms Access ID (Public iHEER):		688				
Suppl Loc (Public iHEER):		650 Kapiolani Blvd				
Tax Map Keys (Public iHEER):		121046001				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1477				
Site Name (PORTAL):		Motor Imports				
Loc Desc (PORTAL):		650 Kapiolani Blvd				
Address (PORTAL):		650 Kapiolani Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1477/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Jun 16, 2003
Document No: 47730
Type: Undetermined
Title: 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471
Imported From: 154#\Heersharepoint1\facilitiesite%20documents\154.pdf

iHEER System - Documents

Date : Apr 1, 1999
Document No: 44084
Type: Undetermined
Title: 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471
Imported From: 156#\Heersharepoint1\facilitiesite%20documents\156.pdf

iHEER System - Documents

Date : Jan 5, 2004
Document No: 47719
Type: Undetermined
Title: 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 01/05/2004
Imported From: 153#\Heersharepoint1\facilitiesite%20documents\153.pdf

iHEER System - Documents

Date : Apr 22, 2002
Document No: 44083
Type: Undetermined
Title: 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 04/22/2002
Imported From: 157#\Heersharepoint1\facilitiesite%20documents\157.pdf

iHEER System - Documents

Date : May 28, 2004
Document No: 47731
Type: Undetermined
Title: 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 05/28/2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		155#\Heersharepoint1\facilitiesite%20documents\155.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 1999					
Document No:	44085					
Type:	Undetermined					
Title:	650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 11/8/1999					
Imported From:	158#\Heersharepoint1\facilitiesite%20documents\158.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 9, 2000					
Document No:	47718					
Type:	Undetermined					
Title:	650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 12/9/2000					
Imported From:	159#\Heersharepoint1\facilitiesite%20documents\159.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 28, 2000					
Document No:	44089					
Type:	Undetermined					
Title:	650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 3/28/2000					
Imported From:	160#\Heersharepoint1\facilitiesite%20documents\160.pdf					
<u>iHEER System - Documents</u>						
Date :	Apr 7, 2000					
Document No:	44086					
Type:	Undetermined					
Title:	650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471 4/7/2000					
Imported From:	161#\Heersharepoint1\facilitiesite%20documents\161.pdf					
<u>iHEER System - Documents</u>						
Date :	May 1, 1998					
Document No:	44088					
Type:	Undetermined					
Title:	Additional Environmental Services Required at 650 Kapiolani Blvd, Honolulu, Oahu HI					
Imported From:	120249#\Heersharepoint1\facilitiesite%20documents\120249.pdf					
<u>iHEER System - Documents</u>						
Date :	May 20, 2003					
Document No:	47720					
Type:	Undetermined					
Title:	Groundwater Monitoring (Apr 2003) Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI					
Imported From:	39095#\Heersharepoint1\facilitiesite%20documents\39095.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 6, 2000					
Document No:	47727					
Type:	Undetermined					
Title:	Groundwater Monitoring (Jan 2000) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI					
Imported From:	39090#\Heersharepoint1\facilitiesite%20documents\39090.pdf					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 30, 2001
Document No: 47721
Type: Undetermined
Title: Groundwater Monitoring (Jan 2001) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39088#\Heersharepoint1\facilitiesite%20documents\39088.pdf

iHEER System - Documents

Date : Mar 1, 2002
Document No: 47732
Type: Undetermined
Title: Groundwater Monitoring (Jan 2002) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39093#\Heersharepoint1\facilitiesite%20documents\39093.pdf

iHEER System - Documents

Date : Aug 14, 2000
Document No: 47725
Type: Undetermined
Title: Groundwater Monitoring (Jul 2000) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39092#\Heersharepoint1\facilitiesite%20documents\39092.pdf

iHEER System - Documents

Date : Aug 31, 2001
Document No: 47723
Type: Undetermined
Title: Groundwater Monitoring (Jul 2001) at the Former Motor Imports Facility DOH Facility ID 97-07150935-471
Imported From: 39085#\Heersharepoint1\facilitiesite%20documents\39085.pdf

iHEER System - Documents

Date : Aug 3, 1999
Document No: 47724
Type: Undetermined
Title: Groundwater Monitoring (Jun 1999) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39089#\Heersharepoint1\facilitiesite%20documents\39089.pdf

iHEER System - Documents

Date : Mar 14, 2004
Document No: 47728
Type: Undetermined
Title: Groundwater Monitoring (Mar 2004) Former Motor Imports Facility (DOH Facility ID Number: 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39098#\Heersharepoint1\facilitiesite%20documents\39098.pdf

iHEER System - Documents

Date : Dec 7, 1999
Document No: 47722
Type: Undetermined
Title: Groundwater Monitoring (Oct 1999) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI
Imported From: 39091#\Heersharepoint1\facilitiesite%20documents\39091.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Nov 14, 2002			
Document No:			47726			
Type:			Undetermined			
Title:			Groundwater Monitoring (Sep 2002) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI			
Imported From:			39094#\Heersharepoint1\facilitiesite%20documents\39094.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 11, 2003			
Document No:			47729			
Type:			Undetermined			
Title:			Groundwater Monitoring (Sep 2003) at the Former Motor Imports Facility (DOH Facility ID 97-07150935-471) 650 Kapiolani Blvd, Honolulu HI			
Imported From:			39097#\Heersharepoint1\facilitiesite%20documents\39097.pdf			
<u>iHEER System - Documents</u>						
Date :			May 13, 1998			
Document No:			44082			
Type:			Undetermined			
Title:			Letter RE: 650 Kapiolani (former Motor Imports Facility)			
Imported From:			1998-171#Q:\1998 Final Correspondence (Day File)\98-171-AP.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 14, 1999			
Document No:			44080			
Type:			Undetermined			
Title:			Low Priority Notification Letter for Motor Imports Site (650 Kapiolani)			
Imported From:			1999-466#Q:\1999 Final Correspondence (Day File)\99-466-AP.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 1999			
Document No:			47733			
Type:			Undetermined			
Title:			Motor Imports, 650 Kapiolani Blvd, Honolulu Transferal of Unregulated UST Releases			
Imported From:			120250#\Heersharepoint1\facilitiesite%20documents\120250.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 13, 2004			
Document No:			16295			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No further Groundwater monitoring required			
Imported From:			2004-267#Q:\2004 Final Correspondence (Day File)\04-267-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 23, 2003			
Document No:			44079			
Type:			Undetermined			
Title:			Re: 650 Kapiolani Blvd. Honolulu Hawaii DOH Facility ID 97-07150935-471			
Imported From:			120255#\Heersharepoint1\facilitiesite%20documents\120255.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date :		Jul 9, 2001				
Document No:		44087				
Type:		Undetermined				
Title:		Re: 650 Kapiolani Blvd. Honolulu Hawaii DOH Facility ID 97-07150935-471				
Imported From:		120252#\Heersharepoint1\facilitiesite%20documents\120252.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 27, 2001				
Document No:		44078				
Type:		Undetermined				
Title:		Re: 650 Kapiolani Blvd. Honolulu Hawaii DOH Facility ID 97-07150935-471				
Imported From:		120253#\Heersharepoint1\facilitiesite%20documents\120253.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 24, 1999				
Document No:		47717				
Type:		Undetermined				
Title:		Release Response Activities at Motor Imports 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471				
Imported From:		39096#\Heersharepoint1\facilitiesite%20documents\39096.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 2, 2004				
Document No:		44081				
Type:		Undetermined				
Title:		Reply Sep 2003 groundwater Monitoring Report				
Imported From:		2004-040#Q:\2004 Final Correspondence (Day File)\04-040-MS.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 21, 1999				
Document No:		44077				
Type:		Undetermined				
Title:		Site Screening Sheet for Motor Imports [650 Kapiolani Blvd.] DOH Facility ID 97-07150935-471				
Imported From:		120251#\Heersharepoint1\facilitiesite%20documents\120251.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jul 28, 1998				
Document No:		44076				
Type:		Undetermined				
Title:		UST Removal and Release Response at Motor Imports 650 Kapiolani Blvd, Honolulu HI DOH Facility ID 97-07150935-471				
Imported From:		39086#\Heersharepoint1\facilitiesite%20documents\39086.pdf				
 <u>iHEER System - Locations Details</u>						
Locations ID:		1087				
Location Type:		SC				
Description:						
Comment :		iHEER document 47729				
Centroid:		POINT (-157.85449800000004 21.302006999999996)				
Geometry:		POINT (-157.85449800000004 21.302006999999996)				
 <u>iHEER System - Locations Details</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		8782				
Location Type:		SB				
Description:						
Comment :		iHEER document 47729				
Centroid:		POINT (-157.85449249684476 21.301988762366015)				
Geometry:		POLYGON ((-157.85438764170016 21.302001704277409, -157.85447883680831 21.302071675044125, -157.85458612516288 21.302004203233611, -157.8545190699424 21.301891750146691, -157.8545190699424 21.301891750146691, -157.8545190699424 21.301891750146691, -157.85438764170016 21.302001704277409))				

Site Details

Centroid: POINT (-157.85449800000004 21.302006999999996)
Updated On: 9/28/2021 9:48:55 AM
Coordinates: 21.302006999999996,-157.85449800000004

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Servco Pacific Motor Imports

189	1 of 1	E	0.57 / 2,999.86	9.84 / 7	BWS Pump House N King Street 630 S Beretania St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2971
Site Name (Public iHEER): BWS Pump House N King Street
Aliases (Public iHEER): Brownfields Unranked Site, Construction EHMP, Fred Ohrt Museum, Kalihi Pump Station, Old Man of Kalihi
Street (Public iHEER): 630 S Beretania St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 12:34:41 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): corner of N. King and Waiakamilo Road
Tax Map Keys (Public iHEER): 115003020
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2971

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name (PORTAL):					BWS Pump House N King Street	
Loc Desc (PORTAL):					corner of N. King and Waiakamilo Road	
Address (PORTAL):					630 S Beretania St Honolulu, HI 96817	
County (PORTAL):					Hawaii	
Island (PORTAL):					Oahu	
Status (PORTAL):					ASSESSMENT	
Priority (PORTAL):					Unranked	
Lead Agency (PORTAL):					HEER Office	
Program (PORTAL):					State	
Assigned Rpm (PORTAL):					Iris van der Zander	
Details URL (PORTAL):					https://eha-cloud.doh.hawaii.gov/iheer/#/site/2971/details/view	
Data Source(s):					iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)	

iHEER System - Documents

Date : May 6, 2020
Document No: 174989
Type: Environmental Hazard Management Plan
Title: (REVISED) ENVIRONMENTAL HAZARD MANAGEMENT PLAN Kalihi Pump Station Renovation TMK No.: (1) 5-0-03:020 Kalihi, Oahu, Hawaii May 6, 2020
Imported From:

iHEER System - Documents

Date : Oct 10, 2018
Document No: 173496
Type: Environmental Hazard Management Plan
Title: ENVIRONMENTAL HAZARD MANAGEMENT PLAN Kalihi Pump Station Renovation TMK No.: (1) 5-0-03:020 Kalihi, Oahu, Hawaii October 10, 2018
Imported From:

iHEER System - Documents

Date : Oct 30, 2018
Document No: 173495
Type: Phase II Environmental Site Assessment
Title: Final Limited Environmental Site Assessment Kalihi Pump Station 1381 North King Street, Honolulu, Hawaii 96819
Tax Map Key: (1) 5-0-03: parcel 20 Kalihi, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Mar 13, 2020
Document No: 174210
Type: Undetermined
Title: Meeting Minutes Kalihi Pump Station Renovation Project DOH Hazard Evaluation and Emergency Response (HEER) Meeting City and County of Honolulu Board of Water Supply Engineering Building Conference Room March 13, 2020
Imported From:

iHEER System - Documents

Date : Apr 22, 2020
Document No: 174547
Type: Undetermined
Title: Notification of Construction Activities 4-22-2020
Imported From:

iHEER System - Documents

Date : May 6, 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			174988			
Type:			Environmental Hazard Evaluation Report			
Title:			RESPONSE TO COMMENTS: HDOH HEER OFFICE Review of: Review of Environmental Hazard Management Plan, Kalihi Pump Station Renovation, TMK No.: (1) 5-0-03-020, Kalihi, Oahu, October, 2018 by EnviroQuest, Inc.			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 8, 2020			
Document No:			174217			
Type:			Comment Letter			
Title:			Review of Environmental Hazard Management Plan, Kalihi Pump Station Renovation, TMK No.: (1) 5-0-03-020, Kalihi, Oahu, October, 2018			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 28, 2020			
Document No:			175244			
Type:			Comment Letter			
Title:			Review of: (Revised) Environmental Hazard Management Plan, Kalihi Pump Station Renovation, TMK No.: (1) 5-0-03:020, submitted May 5, 2020.			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2020			
Document No:			176622			
Type:			Comment Letter			
Title:			Review of: Sampling and Analysis Plan Kalihi Pump Station Renovation Honolulu, HI, TMK (1) 1-5-03:020, Prepared by EnviroQuest, Inc, Dated August, 2020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 4, 2021			
Document No:			178333			
Type:			Site Characterization Work Plan			
Title:			RTCs HEER Office; Review of: Sampling and Analysis Plan Kalihi Pump Station Renovation Honolulu, HI, TMK (1) 1-5-03:020, Prepared by EnviroQuest, Inc			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 4, 2021			
Document No:			178334			
Type:			Site Characterization Work Plan			
Title:			Sampling and Analysis Plan Kalihi Pump Station Renovation Honolulu, HI TMK (1) 1-5-03:020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 25, 2020			
Document No:			176515			
Type:			Site Characterization Work Plan			
Title:			Sampling and Analysis Plan Kalihi Pump Station Renovation Honolulu, HI TMK (1) 1-5-03:020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 5, 2021			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		178954				
Type:		Site Characterization Work Plan				
Title:		Sampling and Analysis Plan Kalihi Pump Station Renovation Honolulu, HI TMK (1) 1-5-03:020				
Imported From:						

iHEER System - Documents

Date :	Mar 15, 2023
Document No:	201973
Type:	Site Characterization Report
Title:	Summary and Findings Report Onsite and Offsite Monitoring Wells Results Kalihi Pump Station Renovation
Imported From:	

iHEER System - Locations Details

Locations ID:	6944
Location Type:	EHMP
Description:	EHMP BWS Pump House
Comment :	Google Maps and Doc 174989
Centroid:	POINT (-157.87154697251367 21.328081241953271)
Geometry:	

POLYGON ((-157.87157960367043 21.328105447959675, -157.8715366883286 21.328142925640318, -157.87150450181772 21.328117940520954, -157.87150450181772 21.328107946471679, -157.87150986624218 21.328082961346361, -157.87156082820724 21.328008005944056, -157.87158228588717 21.328045483650413, -157.87159033251041 21.328065471755956, -157.87156887483948 21.328087958371938, -157.87157960367043 21.328105447959675))

iHEER System - Locations Details

Locations ID:	5151
Location Type:	SC
Description:	BWS Pump House N King St
Comment :	from e-permitting
Centroid:	POINT (-157.871648 21.328018000000011)
Geometry:	

POINT (-157.871648 21.328018000000011)

Site Details

Centroid:	POINT (-157.871648 21.328018000000011)
Updated On:	9/21/2021 12:34:41 PM
Coordinates:	21.328018000000011,-157.871648

iHEER System - Aliases

Name:	Old Man of Kalihi
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iHEER System - Aliases

Name:	Kalihi Pump Station Renovation
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iHEER System - Aliases

Name:	Kalihi Pump Station
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iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Construction EHMP				
<u>iHEER System - Aliases</u>						
Name:		Fred Ohrt Museum				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Unranked Site				

190	1 of 1	NNE	0.58 / 3,063.70	3.28 / 0	Town Inn 248-258 N Beretania St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1500
Site Name (Public iHEER): Town Inn
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, VRP-15, Voluntary Response Program 15
Street (Public iHEER): 248-258 N Beretania St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): VRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/24/2021 9:41:43 AM
Ms Access ID (Public iHEER): 901
Suppl Loc (Public iHEER): 248-258 N Beretania St, 1200 College Walk
Tax Map Keys (Public iHEER): 117026004, 170260016
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1500
Site Name (PORTAL): Town Inn
Loc Desc (PORTAL): 248-258 N Beretania St, 1200 College Walk
Address (PORTAL): 248-258 N Beretania St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): VRP
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1500/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Aug 4, 1994
Document No: 47154
Type: Undetermined
Title: UST Release at Town Inn, 250 N Beretania St, Oahu HI
Imported From: 1416#\Heersharepoint1\facilitysite%20documents\1416.pdf

iHEER System - Documents

Date : Aug 16, 1994

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			47085			
Type:			Undetermined			
Title:			Various Documents for the Facility Site Town Inn			
Imported From:			121513#\Heersharepoint1\facilitiesite%20documents\121513.pdf			
<u>iHEER System - Documents</u>						
Date :			May 27, 2003			
Document No:			47160			
Type:			Undetermined			
Title:			Voluntary Response Agreement between K-Green Corporation and the State of Hawaii			
Imported From:			1445#\Heersharepoint1\facilitiesite%20documents\1445.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 2, 2002			
Document No:			47158			
Type:			Undetermined			
Title:			Voluntary Response Program Application, Town Inn Site, 250 North Beretania St, Honolulu, Oahu HI			
Imported From:			126836#\Heersharepoint1\facilitiesite%20documents\126836.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 17, 2002			
Document No:			47137			
Type:			Undetermined			
Title:			Voluntary Response Program, Town Inn Site, Honolulu			
Imported From:			126838#\Heersharepoint1\facilitiesite%20documents\126838.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 2004			
Document No:			47128			
Type:			Undetermined			
Title:			VRP - Town Inn/Town Square - 1200 College Walk			
Imported From:			1977#\Heersharepoint1\facilitiesite%20documents\1977.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 8, 2005			
Document No:			47155			
Type:			Undetermined			
Title:			VRP - Town Inn/Town Square - 1200 College Walk			
Imported From:			3123#\Heersharepoint1\facilitiesite%20documents\3123.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2002			
Document No:			47099			
Type:			Undetermined			
Title:			VRP Agreement			
Imported From:			50361#\Heersharepoint1\facilitiesite%20documents\50361.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 2, 2003			
Document No:			47104			
Type:			Undetermined			
Title:			VRP Agreement requiring signature			
Imported From:			50541#\Heersharepoint1\facilitiesite%20documents\50541.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 18, 2004
Document No: 47161
Type: Undetermined
Title: VRP Town Inn/Town Square-1200 College Walk
Imported From: 1745#\Heersharepoint1\facilitiesite%20documents\1745.pdf

iHEER System - Documents

Date : Jul 3, 2003
Document No: 47114
Type: Undetermined
Title: Cover letter 2nd VRP Agreement
Imported From: 2003-186#Q:\2003 Final Correspondence (Day File)\03-186-MS.pdf

iHEER System - Documents

Date : Jan 13, 2004
Document No: 47073
Type: Undetermined
Title: Discovery of UST Town Inn/ Town Square Voluntary Response Project 250 N Beretania Street and 1200 College Walk, Honolulu Hawaii
Imported From: 121510#\Heersharepoint1\facilitiesite%20documents\121510.pdf

iHEER System - Documents

Date : Oct 21, 2002
Document No: 47076
Type: Undetermined
Title: Draft Voluntary Response Program Agreement between K-Green Corporation and the State of Hawaii
Imported From: 39909#\Heersharepoint1\facilitiesite%20documents\39909.pdf

iHEER System - Documents

Date : Aug 5, 2005
Document No: 47078
Type: Undetermined
Title: E-mail Responses Regarding the Facility Site Town Inn
Imported From: 121512#\Heersharepoint1\facilitiesite%20documents\121512.pdf

iHEER System - Documents

Date : May 25, 2004
Document No: 47079
Type: Undetermined
Title: Final Removal Action Report Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 & 016
Imported From: 39927#\Heersharepoint1\facilitiesite%20documents\39927.pdf

iHEER System - Documents

Date : May 25, 2004
Document No: 47153
Type: Undetermined
Title: Final Removal Action Report, Town Inn / Town Square VRP
Imported From: 31#\Heersharepoint1\facilitiesite%20documents\31.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 31, 2002				
Document No:		47075				
Type:		Undetermined				
Title:		Final Voluntary Response Program Agreement Between K-Green Corporation and the State of Hawaii, Department of Health				
Imported From:		121504#\Heersharepoint1\facilitiesite%20documents\121504.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 11, 2002				
Document No:		47135				
Type:		Undetermined				
Title:		General Work Plan Scope of Remedial Investigation Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 and 006				
Imported From:		39908#\Heersharepoint1\facilitiesite%20documents\39908.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 12, 2005				
Document No:		47130				
Type:		Undetermined				
Title:		Groundwater Monitoring Progress Report, Dec 2004 Town Inn/Town Square Voluntary Response Project, Honolulu HI				
Imported From:		39935#\Heersharepoint1\facilitiesite%20documents\39935.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 3, 2004				
Document No:		47126				
Type:		Undetermined				
Title:		Groundwater Monitoring Progress Report, Sep 2004 Town Inn/Town Square Voluntary Response Project, Honolulu HI				
Imported From:		39933#\Heersharepoint1\facilitiesite%20documents\39933.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 20, 2004				
Document No:		47129				
Type:		Undetermined				
Title:		Groundwater Monitoring Progress Report-Jun 2004 Town Inn/Town Square Voluntary Response Project, Honolulu HI				
Imported From:		39929#\Heersharepoint1\facilitiesite%20documents\39929.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 21, 2002				
Document No:		47147				
Type:		Undetermined				
Title:		Initial Application Fee for Deposit into S 342 H Project				
Imported From:		126837#\Heersharepoint1\facilitiesite%20documents\126837.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 28, 2004				
Document No:		47094				
Type:		Undetermined				
Title:		Letter confirming the end of public participation and there were no comments received				
Imported From:		2004-303#Q:\2004 Final Correspondence (Day File)\04-303-MS.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Aug 14, 2002			
Document No:			47107			
Type:			Undetermined			
Title:			Letter of Acceptance VRP program			
Imported From:			50284#\Heersharepoint1\facilitsite%20documents\50284.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 2, 2004			
Document No:			47083			
Type:			Undetermined			
Title:			Letter of Completion, Town Inn/Town Square			
Imported From:			122464#\Heersharepoint1\facilitsite%20documents\122464.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2006			
Document No:			47133			
Type:			Undetermined			
Title:			Letter Report Monitoring Well Abandonment Town Inn/Town Square Voluntary Response Project, TMK 1-7-026-004 & 016			
Imported From:			39937#\Heersharepoint1\facilitsite%20documents\39937.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2006			
Document No:			47150			
Type:			Undetermined			
Title:			Letter Report Monitoring Well Abandonment Town Inn/Town Square Voluntary Response Project, TMK 1-7-026-004 & 016			
Imported From:			3860#\Heersharepoint1\facilitsite%20documents\3860.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2004			
Document No:			47081			
Type:			No Further Action Determination w/ ICs Letter			
Title:			LOC for town Inn Town Square requires monitoring for 2 years			
Imported From:			2004-341#Q:\2004 Final Correspondence (Day File)\04-341-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 19, 2004			
Document No:			47087			
Type:			Undetermined			
Title:			Removal Action Report, Town Inn/Town Square Voluntary Response Project			
Imported From:			39925#\Heersharepoint1\facilitsite%20documents\39925.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 20, 2004			
Document No:			14939			
Type:			Undetermined			
Title:			Removal Action Report, Town Inn/Town Square VRP			
Imported From:			1052#\Heersharepoint1\facilitsite%20documents\1052.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2003			
Document No:			47123			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Removal Action Work Plan, Town Inn/Town Square Voluntary Response Project				
Imported From:		39919#\Heersharepoint1\facilitiesite%20documents\39919.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 17, 2003				
Document No:		47105				
Type:		Undetermined				
Title:		Removal Action Work Plan, Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 and 016				
Imported From:		39922#\Heersharepoint1\facilitiesite%20documents\39922.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 31, 2003				
Document No:		47088				
Type:		Undetermined				
Title:		Response to Task 5 Town Inn				
Imported From:		50620#\Heersharepoint1\facilitiesite%20documents\50620.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 31, 2003				
Document No:		47089				
Type:		Undetermined				
Title:		Response to Task 5 Town Inn				
Imported From:		2003-214#Q:\2003 Final Correspondence (Day File)\03-214-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		May 11, 2004				
Document No:		47090				
Type:		Undetermined				
Title:		Review and acceptance of public participation plan				
Imported From:		2004-208#Q:\2004 Final Correspondence (Day File)\04-208-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 17, 2005				
Document No:		47109				
Type:		Undetermined				
Title:		Review of 3 free product Monitoring Reports. No free product rebound				
Imported From:		2005-535#Q:\2005 Final Correspondence (Day File)\05-535-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 2, 2004				
Document No:		47136				
Type:		Undetermined				
Title:		Review of Jun 2004 ground water Monitoring Report				
Imported From:		2004-308#Q:\2004 Final Correspondence (Day File)\04-308-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 3, 2003				
Document No:		47108				
Type:		Undetermined				
Title:		Review of Phase I ESA Town Square				
Imported From:		50486#\Heersharepoint1\facilitiesite%20documents\50486.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Apr 27, 2004			
Document No:			47091			
Type:			Undetermined			
Title:			Review of Removal Action Report			
Imported From:			2004-185#Q:\2004 Final Correspondence (Day File)\04-185-MS..pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 2003			
Document No:			47145			
Type:			Undetermined			
Title:			Review of Removal Action Work Plan Town Inn			
Imported From:			50698#\Heersharepoint1\facilitiesite%20documents\50698.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2004			
Document No:			47080			
Type:			Undetermined			
Title:			LOC for town Inn Town Square requires monitoring for 2 years			
Imported From:			51192#\Heersharepoint1\facilitiesite%20documents\51192.pdf			
<u>iHEER System - Documents</u>						
Date :			May 29, 2003			
Document No:			47106			
Type:			Undetermined			
Title:			Memo for VRP Agreement Signature			
Imported From:			50531#\Heersharepoint1\facilitiesite%20documents\50531.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 26, 2004			
Document No:			47092			
Type:			Undetermined			
Title:			NFA letter for Town Inn			
Imported From:			2004-181#Q:\2004 Final Correspondence (Day File)\04-181-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 25, 2004			
Document No:			47074			
Type:			Undetermined			
Title:			Notice of Availability for Public Comment			
Imported From:			121507#\Heersharepoint1\facilitiesite%20documents\121507.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 28, 2003			
Document No:			47131			
Type:			Undetermined			
Title:			Phase I ESA Town Square Property 1200 College Walk, Honolulu HI 96814, TMK 1-1-7-026-016			
Imported From:			39915#\Heersharepoint1\facilitiesite%20documents\39915.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 1994			
Document No:			47122			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					Quarterly Cleanup Progress Report at Town Inn 1200 College Walk Honolulu HI 96817, Facility ID 9-102916	
Imported From:					39911.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 9, 1994	
Document No:					47134	
Type:					Undetermined	
Title:					Quarterly Cleanup Progress Report at Town Inn 1200 College Walk Honolulu HI 96817, Facility ID 9-102916	
Imported From:					39912#\Heersharepoint1\facilitysite%20documents\39912.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 15, 2005	
Document No:					47141	
Type:					Undetermined	
Title:					Quarterly Groundwater Gauging Town Inn/Town Square Voluntary Response Project, TMK 1-7-026 Parcels 004 & 016	
Imported From:					3493#\Heersharepoint1\facilitysite%20documents\3493.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 28, 2005	
Document No:					47152	
Type:					Undetermined	
Title:					Quarterly Groundwater Gauging Town Inn/Town Square Voluntary Response Project, TMK 1-7-026-004 & 016	
Imported From:					3002#\Heersharepoint1\facilitysite%20documents\3002.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 5, 2005	
Document No:					47151	
Type:					Undetermined	
Title:					Quarterly Groundwater Gauging Town Inn/Town Square Voluntary Response Project, TMK 1-7-026-004 & 016	
Imported From:					3224#\Heersharepoint1\facilitysite%20documents\3224.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 22, 2004	
Document No:					14798	
Type:					Undetermined	
Title:					Records for Public Review	
Imported From:					1017#\Heersharepoint1\facilitysite%20documents\1017.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 24, 2003	
Document No:					47146	
Type:					Undetermined	
Title:					Review of Removal Action Work Plan Town Inn	
Imported From:					2003-292#Q:\2003 Final Correspondence (Day File)\03-292-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 15, 2004	
Document No:					47148	
Type:					Undetermined	
Title:					Review of Sep Monitoring Report	
Imported From:					2004-478#Q:\2004 Final Correspondence (Day File)\04-478-MS.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 23, 2002
Document No: 47095
Type: Undetermined
Title: Review of Task 2 Town Inn VRP
Imported From: 50365#\Heersharepoint1\facilitiesite%20documents\50365.pdf

iHEER System - Documents

Date : Dec 4, 2002
Document No: 47084
Type: Undetermined
Title: Review of Task 3: Detailed Site Investigation Work Plan Town Inn/Town Square Voluntary Response Project dated Nov 2002 and Prepared by EnviroServices and Training Center LLC
Imported From: 122097#\Heersharepoint1\facilitiesite%20documents\122097.pdf

iHEER System - Documents

Date : Jan 6, 2003
Document No: 47082
Type: Undetermined
Title: Revised Task #3 Town Inn
Imported From: 50413#\Heersharepoint1\facilitiesite%20documents\50413.pdf

iHEER System - Documents

Date : Nov 20, 2002
Document No: 47144
Type: Undetermined
Title: Revised Task 2 Town Inn
Imported From: 50386#\Heersharepoint1\facilitiesite%20documents\50386.pdf

iHEER System - Documents

Date : Jan 21, 2005
Document No: 47117
Type: Undetermined
Title: Rexsponse to Dec 04 Monitoring Report
Imported From: 2005-048#Q:\2005 Final Correspondence (Day File)\05-048-MS.pdf

iHEER System - Documents

Date : Mar 2, 1995
Document No: 47098
Type: Undetermined
Title: Site Screening Sheet for Town Inn
Imported From: 121503#\Heersharepoint1\facilitiesite%20documents\121503.pdf

iHEER System - Documents

Date : Nov 20, 2002
Document No: 47093
Type: Undetermined
Title: Task 1 Town Inn
Imported From: 50387#\Heersharepoint1\facilitiesite%20documents\50387.pdf

iHEER System - Documents

Date : Sep 30, 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			47138			
Type:			Undetermined			
Title:			Task 1: Summary Analysis of Environmental Work to Date Town Inn and Town Square Voluntary Response Project 250 N Beretania St and 1200 College Walk, Honolulu HI			
Imported From:			39910#\Heersharepoint1\facilitiesite%20documents\39910.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 29, 2002			
Document No:			47140			
Type:			Undetermined			
Title:			Task 2: General Work Plan, Scope of the Remedial Investigation, Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 & 016 (Revised)			
Imported From:			39931#\Heersharepoint1\facilitiesite%20documents\39931.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 27, 2002			
Document No:			47132			
Type:			Undetermined			
Title:			Task 3: Detailed Site Investigation Work Plan Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 & 016			
Imported From:			39913#\Heersharepoint1\facilitiesite%20documents\39913.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 2003			
Document No:			47077			
Type:			Undetermined			
Title:			Task 4 Deliverable Town Inn/Town Square Voluntary Response Project, Honolulu HI			
Imported From:			39924#\Heersharepoint1\facilitiesite%20documents\39924.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 10, 2003			
Document No:			47125			
Type:			Undetermined			
Title:			Task 5 Final Remedial Investigation and RAA Report, Town Inn/Town Square Voluntary Response Project			
Imported From:			39920#\Heersharepoint1\facilitiesite%20documents\39920.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 22, 2003			
Document No:			47115			
Type:			Undetermined			
Title:			Task 5: Remedial Investigation and RAA Report Town Inn/Town Square Voluntary Response Project, Honolulu HI, TMK 1-1-7-026-004 and 016			
Imported From:			39923#\Heersharepoint1\facilitiesite%20documents\39923.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 17, 1997			
Document No:			47119			
Type:			Undetermined			
Title:			Town Inn site			
Imported From:			1997-037#Q:\1997 Final Correspondence (Day File)\97-037-RK.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 17, 1997			
Document No:			47118			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Town Inn site				
Imported From:		47626#\Heersharepoint1\facilitiesite%20documents\47626.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 28, 2002				
Document No:		47101				
Type:		Undetermined				
Title:		Town Inn VRP Notice				
Imported From:		50311#\Heersharepoint1\facilitiesite%20documents\50311.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 19, 1994				
Document No:		47149				
Type:		Undetermined				
Title:		Town Inn, 1200 College Walk, Oahu HI				
Imported From:		1378#\Heersharepoint1\facilitiesite%20documents\1378.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 15, 2004				
Document No:		47162				
Type:		Undetermined				
Title:		277 Aliiolani St Pukalani HI 96768				
Imported From:		2004-238#Q:\2004 Final Correspondence (Day File)\04-238-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 24, 2003				
Document No:		47086				
Type:		Undetermined				
Title:		2nd memo for the signature of Town Inn VRP Agreement				
Imported From:		50569#\Heersharepoint1\facilitiesite%20documents\50569.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 24, 2003				
Document No:		47100				
Type:		Undetermined				
Title:		Addendum 1 Detailed Site Investigation Town Inn				
Imported From:		50506#\Heersharepoint1\facilitiesite%20documents\50506.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 17, 2003				
Document No:		47116				
Type:		Undetermined				
Title:		Addendum I, Detailed Site Investigation Work Plan				
Imported From:		39917#\Heersharepoint1\facilitiesite%20documents\39917.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 9, 2004				
Document No:		47124				
Type:		Undetermined				
Title:		Affidavit of Publication from the Honolulu Advertiser				
Imported From:		1585#\Heersharepoint1\facilitiesite%20documents\1585.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 8, 2002
Document No: 47102
Type: Undetermined
Title: Announcement Town Inn and Town Square
Imported From: 50360#\Heersharepoint1\facilitysite%20documents\50360.pdf

iHEER System - Documents

Date : Mar 22, 2006
Document No: 47113
Type: Undetermined
Title: Approval of Monitoring Well Abandonment Report
Imported From: 2006-177#Q:\2006 Final Correspondence (Day File)\06-177-MS.pdf

iHEER System - Documents

Date : Dec 29, 2005
Document No: 47110
Type: Undetermined
Title: Approval of the Final free product Monitoring Report and Request for MW abandonment
Imported From: 52085#\Heersharepoint1\facilitysite%20documents\52085.pdf

iHEER System - Documents

Date : Jul 7, 2003
Document No: 47143
Type: Undetermined
Title: Town Inn, Review of Task 4
Imported From: 2003-187#Q:\2003 Final Correspondence (Day File)\03-187-MS.pdf

iHEER System - Documents

Date : Jul 7, 2003
Document No: 47142
Type: Undetermined
Title: Town Inn, Review of Task 4
Imported From: 50593#\Heersharepoint1\facilitysite%20documents\50593.pdf

iHEER System - Documents

Date : May 26, 2004
Document No: 47121
Type: Undetermined
Title: Town Inn/Town Square PPP
Imported From: 1379#\Heersharepoint1\facilitysite%20documents\1379.pdf

iHEER System - Documents

Date : Aug 18, 2005
Document No: 28115
Type: Undetermined
Title: Town Inn/Town Square VRP
Imported From: 3067#\Heersharepoint1\facilitysite%20documents\3067.pdf

iHEER System - Documents

Date : Nov 8, 2004
Document No: 47156

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:			Undetermined			
Title:			Town Inn/Town Square VRP (Sep 2004 Groundwater Monitoring Progress Report, prepared by EnviroServices)			
Imported From:			2181#\Heersharepoint1\facilitiesite%20documents\2181.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 14, 2005			
Document No:			47120			
Type:			Undetermined			
Title:			Town Inn/Town Square VRP - Dec 2004 Groundwater Monitoring Progress Report, prepared by EnviroServices			
Imported From:			2448#\Heersharepoint1\facilitiesite%20documents\2448.pdf			
<u>iHEER System - Documents</u>						
Date :			May 7, 2004			
Document No:			47159			
Type:			Undetermined			
Title:			Town Inn/Town Square VRP Task 7 Deliverable (Public Participation Plan) 05/07/2004			
Imported From:			1382#\Heersharepoint1\facilitiesite%20documents\1382.pdf			
<u>iHEER System - Documents</u>						
Date :			May 13, 2004			
Document No:			47157			
Type:			Undetermined			
Title:			Town Inn/Town Square VRP Task 7 Deliverable (Public Participation Plan) 05/13/2004			
Imported From:			1383#\Heersharepoint1\facilitiesite%20documents\1383.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 3, 2004			
Document No:			47097			
Type:			Undetermined			
Title:			Transmittal letter for LOC			
Imported From:			2004-380#Q:\2004 Final Correspondence (Day File)\04-380-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 1, 2004			
Document No:			47072			
Type:			Undetermined			
Title:			Transmittal Letters Regarding the Facility Site Town Inn			
Imported From:			121511#\Heersharepoint1\facilitiesite%20documents\121511.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2004			
Document No:			47139			
Type:			Undetermined			
Title:			Transmittal Memo for signature of LOC			
Imported From:			2004-340#Q:\2004 Final Correspondence (Day File)\04-340-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2002			
Document No:			47127			
Type:			Undetermined			
Title:			Transmittal, Release Response Report, Town Inn Site, 250 N Beretania St, Honolulu HI, Facility ID 9-102916, Release ID 9-40117			
Imported From:			39932#\Heersharepoint1\facilitiesite%20documents\39932.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 1884
Location Type: SC
Description: Town Inn
Comment : Placed by RPM
Centroid: POINT (-157.862359 21.315177000000009)
Geometry:

POINT (-157.862359 21.315177000000009)

iHEER System - Locations Details

Locations ID: 5888
Location Type: NFAIC
Description: NFAIC Town Inn
Comment : Placed by RPM Property boundary
Centroid: POINT (-157.86232954295903 21.315133738605343)
Geometry:

POLYGON ((-157.86182029199543 21.314872615053108, -157.86216093254038 21.314650227236942, -157.86220384788223 21.314642731011915, -157.86223871660081 21.314647728495032, -157.86225480985624 21.314660222201642, -157.86282075595929 21.31528740491143, -157.86283684921474 21.315322387135218, -157.86282612037479 21.315354870620787, -157.86279929828842 21.315387354100007, -157.86237282705079 21.315649720394994, -157.86182029199543 21.314872615053108))

Site Details

Centroid: POINT (-157.862359 21.315177000000009)
Updated On: 8/24/2021 9:41:43 AM
Coordinates: 21.315177000000009,-157.862359

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: VRP-15, Voluntary Response Program 15

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

191	1 of 1	NNW	0.58 / 3,084.84	3.28 / 0	373 North Nimitz Highway 373 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2608
Site Name (Public iHEER): 373 North Nimitz Highway
Aliases (Public iHEER): Brownfields Medium Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, UST
Street (Public iHEER): 373 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 9:56:03 AM
Ms Access ID (Public iHEER): 17
Suppl Loc (Public iHEER): 373 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115008004, 115008015
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2608
Site Name (PORTAL): 373 North Nimitz Highway
Loc Desc (PORTAL): 373 N Nimitz Hwy
Address (PORTAL): 373 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2608/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Aug 16, 2000
Document No: 14341
Type: Review Letter
Title: Approval for Cover Letter for Extension to Respond to Request for Information
Imported From: 1002.pdf

iHEER System - Documents

Date : Oct 6, 2000
Document No: 14344
Type: Undetermined
Title: Cover Letter for 373 N Nimitz Hwy, TMK 1-1-5-008-015, 420-470 N Nimitz Hwy, TMK 1-1-5-039-001, 550-580 N Nimitz Hwy, TMK 1-1-5-039-013, 735 Dillingham Blvd 10/06/2000
Imported From: 1005.pdf

iHEER System - Documents

Date : Aug 7, 2000
Document No: 14343
Type: Undetermined
Title: Cover Letter for Extension to Respond to Request for Information
Imported From: 1001.pdf

iHEER System - Documents

Date : Aug 31, 2000
Document No: 14339
Type: Undetermined
Title: Cover Letter for Extension to Response for More Information
Imported From: 1004.pdf

iHEER System - Documents

Date : Jan 12, 2022
Document No: 183191

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
Title: Notification of Construction Activities (HEER Office)
Imported From:

iHEER System - Documents

Date : Oct 6, 2000
Document No: 14340
Type: Phase I Environmental Site Assessment
Title: Response to the HEER Request for Information on the Investigation of the Iwilei Section of the Honolulu Harbor Contamination Area
Imported From: 37732.pdf

iHEER System - Documents

Date : Aug 25, 2000
Document No: 14342
Type: Request for Information
Title: Scope of Work Request for Information
Imported From: 1003.pdf

iHEER System - Documents

Date : Oct 17, 2000
Document No: 14053
Type: Review Letter
Title: SHWB Monitoring Steeltech Inc, 373 N Nimitz Hwy Facility ID 9-102947 / Release ID 940156
Imported From: 1308.pdf

iHEER System - Documents

Date : May 15, 1995
Document No: 9144
Type: Removal Action Report
Title: Soil Excavation Report
Imported From: 35986.pdf

iHEER System - Documents

Date : Jul 14, 1994
Document No: 9143
Type: Removal Action Report
Title: UST Closure Report
Imported From: 35987.pdf

iHEER System - Locations Details

Locations ID: 754
Location Type: SC
Description: 373 North Nimitz Highway
Comment : Google Earth
Centroid: POINT (-157.866327 21.314494000000007)
Geometry:

POINT (-157.866327 21.314494000000007)

iHEER System - Locations Details

Locations ID: 2311
Location Type: SB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description:		IDPP OU-3				
Comment :		Google Earth				
Centroid:		POINT (-157.86604328910815 21.314677470406728)				
Geometry:		POLYGON ((-157.86669178042223 21.315123682152851, -157.86685271296759 21.314983753019202, -157.86692781482031 21.314823833845445, -157.86690635714942 21.314683904426058, -157.866879535054 21.314533979899885, -157.86674006018853 21.314354070266429, -157.86652548346137 21.314269112862195, -157.8661875251332 21.314169162913323, -157.86586566005144 21.314089202904245, -157.86550624404333 21.314054220387515, -157.86530776057157 21.314109192911008, -157.86523265871887 21.314264115367038, -157.86522729430339 21.314454020089439, -157.86526484522975 21.314673909462133, -157.86535604033787 21.314913788401945, -157.86554915938515 21.315118684685952, -157.86577982935876 21.315238623841562, -157.86598904166146 21.315298593382618, -157.86623044047502 21.315318583224759, -157.86650402579048 21.315238623841562, -157.86669178042223 21.315123682152851))				
Site Details						
Centroid:		POINT (-157.866327 21.314494000000007)				
Updated On:		9/21/2021 9:56:03 AM				
Coordinates:		21.314494000000007,-157.866327				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit OU3				
<u>iHEER System - Aliases</u>						
Name:		UST				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				

192	1 of 1	NW	0.59 / 3,109.43	3.28 / 0	Fred L. Waldron Feed Mill 701 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2623
Site Name (Public iHEER): Fred L. Waldron Feed Mill
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Hawaii Grain Corporation, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1C
Street (Public iHEER): 701 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		4/8/2020 3:36:13 PM				
Ms Access ID (Public iHEER):		262				
Suppl Loc (Public iHEER):		701 N Nimitz Hwy				
Tax Map Keys (Public iHEER):		115038004, 115038055, 115038058, 115039013				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2623				
Site Name (PORTAL):		Fred L. Waldron Feed Mill				
Loc Desc (PORTAL):		701 N Nimitz Hwy				
Address (PORTAL):		701 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2623/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Apr 23, 2018
Document No: 33436
Type: Environmental Hazard Management Plan
Title: EHMP TOELL USA Nimitz Facility, 701 N Nimitz Highway TMK 1-1-5-038: Parcels 005, 055 and 058 Honolulu, Oahu Hawaii
Imported From: 131575#\Heersharepoint1\facilitiesite%20documents\131575.pdf

iHEER System - Documents

Date : Aug 22, 1997
Document No: 33435
Type: Undetermined
Title: Fred L. Waldron Feed Mill, 701 N Nimitz Hwy, Honolulu HI
Imported From: 515#\Heersharepoint1\facilitiesite%20documents\515.pdf

iHEER System - Documents

Date : Nov 17, 2006
Document No: 33434
Type: Undetermined
Title: Hawaii Grain Corporation, State Site Discovery Effort
Imported From: 2006-715#Q:\2006 Final Correspondence (Day File)\06-715-AF.pdf

iHEER System - Documents

Date : Sep 24, 1998
Document No: 33432
Type: Undetermined
Title: Honolulu Harbor Area case referral
Imported From: 595#\Heersharepoint1\facilitiesite%20documents\595.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jul 22, 1997
Document No: 33437
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1997
Imported From: 47897#\Heersharepoint1\facilitysite%20documents\47897.pdf

iHEER System - Documents

Date : Feb 1, 2007
Document No: 33433
Type: Undetermined
Title: RE: State Site Discovery Effort
Imported From: 5851#\Heersharepoint1\facilitysite%20documents\5851.pdf

iHEER System - Documents

Date : Apr 30, 2007
Document No: 14995
Type: Undetermined
Title: Recommendation for Action
Imported From: 2007-275#Q:\2007 Final Correspondence (Day File)\07-275-AF-FINAL-D.pdf

iHEER System - Documents

Date : Dec 8, 1993
Document No: 33438
Type: Undetermined
Title: UST Closure, Waldron Feed Mill, Honolulu HI DOH Facility ID. 9-100852
Imported From: 37540#\Heersharepoint1\facilitysite%20documents\37540.pdf

iHEER System - Locations Details

Locations ID: 1610
Location Type: SC
Description: Fred L. Waldron Feed Mill
Comment : EPO; PrimaryTemp ; ARC_STREET: 701 N Nimitz Hwy XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.871 21.312900000000013)
Geometry:

POINT (-157.871 21.312900000000013)

iHEER System - Locations Details

Locations ID: 6605
Location Type: EHMP
Description: EHMP Toell Building
Comment : Google Maps and Doc 33436
Centroid: POINT (-157.87013072526352 21.312774524731577)
Geometry:

POLYGON ((-157.86977557158588 21.312698848782023, -157.87040320849394 21.312556418560337, -157.87047831034664 21.312851273953413, -157.86986944890177 21.312993703889131, -157.86977557158588 21.312698848782023))

iHEER System - Locations Details

Locations ID: 6606
Location Type: EHMP
Description: EHMP Toell Husking Shed
Comment : Google Maps and Doc 33436
Centroid: POINT (-157.87021828696197 21.312488153367568)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Geometry:

POLYGON ((-157.87033883548116 21.312508941789051, -157.87013230538625 21.312558917337817, -157.87010280109209 21.312463963781543, -157.87030396676255 21.312418985759429, -157.87033615327346 21.312508941789051, -157.87033883548116 21.312508941789051))

Site Details

Centroid: POINT (-157.871 21.312900000000013)
Updated On: 4/8/2020 3:36:13 PM
Coordinates: 21.312900000000013,-157.871

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU1C

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Hawaii Grain Corporation

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Low Priority Site

193	1 of 1	SE	0.59 / 3,116.22	3.28 / 0	Hawaii Instrumentation & Controls, Inc 822 Halekauwila St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 544
Site Name (Public iHEER): Hawaii Instrumentation & Controls, Inc
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Medium Priority Site
Street (Public iHEER): 822 Halekauwila St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Is Public (Public iHEER):	TRUE					
Updated on (Public iHEER):	3/5/2020 6:46:50 PM					
Ms Access ID (Public iHEER):	324					
Suppl Loc (Public iHEER):	822 Halekauwila St					
Tax Map Keys (Public iHEER):	121050002					
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):	544					
Site Name (PORTAL):	Hawaii Instrumentation & Controls, Inc					
Loc Desc (PORTAL):	822 Halekauwila St					
Address (PORTAL):	822 Halekauwila St Honolulu, HI 96813					
County (PORTAL):	Honolulu					
Island (PORTAL):	Oahu					
Status (PORTAL):	REMEDY SELECTED					
Priority (PORTAL):	Unranked					
Lead Agency (PORTAL):	HEER Office					
Program (PORTAL):	State					
Assigned Rpm (PORTAL):	—					
Details URL (PORTAL):	https://eha-cloud.doh.hawaii.gov/iheer/#/site/544/details/view					
Data Source(s):	iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)					

iHEER System - Documents

Date :	Jan 25, 2011
Document No:	15931
Type:	Review Letter
Title:	Memo to File - 25 Jan 2011, Hawaii Instrumentation and Controls
Imported From:	94211#\Heersharepoint1\facilitsite%20documents\94211.pdf

iHEER System - Documents

Date :	Dec 12, 1996
Document No:	15929
Type:	Undetermined
Title:	Results from PAI Job# P96-02076
Imported From:	119774#\Heersharepoint1\facilitsite%20documents\119774.pdf

iHEER System - Documents

Date :	Feb 5, 1997
Document No:	17431
Type:	Undetermined
Title:	Site Screening Sheet for Hawaii Instrumentation & Controls Inc
Imported From:	56242#\Heersharepoint1\facilitsite%20documents\56242.pdf

iHEER System - Locations Details

Locations ID:	1638
Location Type:	SC
Description:	822 Halekauwila Street
Comment :	Google Earth and Address
Centroid:	POINT (-157.856484 21.298235999999996)
Geometry:	

POINT (-157.856484 21.298235999999996)

Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.856484 21.298235999999996)				
Updated On:		3/5/2020 6:46:50 PM				
Coordinates:		21.298235999999996,-157.856484				

iHEER System - Aliases

Name: Brownfields Medium Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

194	1 of 1	ESE	0.59 / 3,138.59	3.28 / 0	815 Kawaiahao Street 815 Kawaiahao St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 91
Site Name (Public iHEER): 815 Kawaiahao Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Stewart's Auto Service
Street (Public iHEER): 815 Kawaiahao St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/1/2021 4:28:58 PM
Ms Access ID (Public iHEER): 3298
Suppl Loc (Public iHEER): 815 Kawaiahao St, Honolulu, HI 96813
Tax Map Keys (Public iHEER): 121049031
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 91
Site Name (PORTAL): 815 Kawaiahao Street
Loc Desc (PORTAL): 815 Kawaiahao St, Honolulu, HI 96813
Address (PORTAL): 815 Kawaiahao St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Lynn Bailey
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/91/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jul 9, 2019
Document No: 170583
Type: Operation & Maintenance
Title: Annual Site Inspection/Maintenance Form
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : May 1, 2019
Document No: 168525
Type: Undetermined
Title: Cover Letter for Environmental Investigation Reports (Phase II and EHMP)
Imported From: media137355\19-1437 HDOH Correspondence-v1.pdf

iHEER System - Documents

Date : Apr 26, 2019
Document No: 168523
Type: Environmental Hazard Management Plan
Title: EHE and EHMP
Imported From: media137355\19-1437 EHMP with EHE - 815 Kawaiahao Street-v1.pdf

iHEER System - Documents

Date : Jun 21, 2019
Document No: 170582
Type: Environmental Hazard Management Plan
Title: FINAL Environmental Hazard Management Plan with Environmental Hazard Evaluation. Stewart's Auto Service, 815 Kawaiahao St.
Imported From:

iHEER System - Documents

Date : Jul 24, 2019
Document No: 170559
Type: Review Letter
Title: HDOH Review of Annual Site Inspection/Maintenance Form for 815 Kawaiahao Street, Tax Map Key [TMK]: [1] 2-1-049: Parcel 031, Honolulu, Oahu, Hawaii 96813, submitted July 15, 2019
Imported From:

iHEER System - Documents

Date : Jun 20, 2019
Document No: 170531
Type: Review Letter
Title: HDOH Review of Environmental Hazard Management Plan with Environmental Hazard Evaluation, Stewart's Auto Service, 815 Kawaiahao Street, Tax Map Key [TMK]: [1] 2-1-049: Parcel 031, Honolulu, Oahu, Hawaii 96813, Dated April 26, 2019
Imported From:

iHEER System - Documents

Date : Jun 26, 2019
Document No: 170532
Type: Review Letter
Title: HDOH Review of Environmental Hazard Management Plan with Environmental Hazard Evaluation, Stewart's Auto Service, 815 Kawaiahao Street, Tax Map Key [TMK]: [1] 2-1-049: Parcel 031, Honolulu, Oahu, Hawaii 96813, Dated June 21, 2019
Imported From:

iHEER System - Documents

Date : Jun 7, 2019
Document No: 170528
Type: Review Letter
Title: HDOH Review of Phase II Environmental Site Assessment Stewart's Auto Service, 815 Kawaiahao Street, Tax Map Key [TMK]: [1] 2-1-049: Parcel 031, Honolulu, Oahu, Hawaii 96813, Dated May 1, 2019
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 24, 2019
Document No: 170554
Type: Review Letter
Title: HDOH Review of Signed Environmental Hazard Management Plan with Environmental Hazard Evaluation, Stewart's Auto Service, 815 Kawaiahao Street..submitted July 15, 2019.
Imported From:

iHEER System - Documents

Date : Nov 12, 2008
Document No: 168528
Type: Hazardous Substance Written Follow-Up Notification
Title: HEER Release ID No. 20190430-1523LG
Imported From: media137400\Release Notification Form.pdf

iHEER System - Documents

Date : Apr 30, 2019
Document No: 168527
Type: Undetermined
Title: HEER Release ID No. 20190430-1523LG
Imported From: 137400.pdf

iHEER System - Documents

Date : Jun 21, 2019
Document No: 170589
Type: Response to Comments
Title: Letter with RTCs - EHMP with EHE - Stewart's Auto Service, 815 Kawaiahao St.
Imported From:

iHEER System - Documents

Date : Jun 19, 2019
Document No: 170587
Type: Response to Comments
Title: Letter with RTCS - Phase II Environmental Site Assessment -
Imported From:

iHEER System - Documents

Date : Feb 1, 2019
Document No: 171365
Type: Phase I Environmental Site Assessment
Title: Phase I Environmental SiteAssessment, Stewart's Auto Service PropertyLocated at 815 Kawaiahao StreetHonolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Jun 19, 2019
Document No: 170586
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Site Assessment, Stewart's Auto Service, 815 Kawaiahao St.
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Apr 4, 2019				
Document No:		168524				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II ESA				
Imported From:		media137355\19-1437 Phase II ESA - 815 Kawaiahao Street-v1.pdf				

iHEER System - Documents

Date : Sep 26, 2019
Document No: 171472
Type: No Further Action Determination w/ ICs Letter
Title: Placeholder for NFA Letter
Imported From:

iHEER System - Documents

Date : Sep 20, 2019
Document No: 171333
Type: Undetermined
Title: Recognized Environmental Condition Identified in the Phase I Environmental Site Assessment of the Stewart's Auto Service Property, 815 Kawaiahao Street (Tax Map Key Number [TMK]: [1] 2-1-049: Parcel 031)
Imported From:

iHEER System - Locations Details

Locations ID: 2526
Location Type: SC
Description: 815 Kawaiahao Street
Comment :
Centroid: POINT (-157.855416 21.299784999999989)
Geometry:

POINT (-157.855416 21.299784999999989)

iHEER System - Locations Details

Locations ID: 6763
Location Type: EHMP
Description: EHMP 815 Kawwaiahao St
Comment : Google Maps and Doc 170582
Centroid: POINT (-157.85545448445842 21.299734944561678)
Geometry:

POLYGON ((-157.85537979017505 21.299876213262749, -157.85528591285916 21.299761259552213, -157.85552731167272 21.299593826814775, -157.85562387119634 21.299708780655418, -157.85537979017505 21.299876213262749))

Site Details

Centroid: POINT (-157.855416 21.299784999999989)
Updated On: 2/1/2021 4:28:58 PM
Coordinates: 21.299784999999989,-157.855416

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Stewart's Auto Service

195	1 of 1	N	0.60 / 3,153.73	3.28 / 0	American Savings Bank Campus 300 N Beretania St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 633
Site Name (Public iHEER): American Savings Bank Campus
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, HEER Case No. 20170424-1449
Street (Public iHEER): 300 N Beretania St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/4/2021 3:12:39 PM
Ms Access ID (Public iHEER): 2633
Suppl Loc (Public iHEER): 300 N Beretania St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 117026004, 117026016
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 633
Site Name (PORTAL): American Savings Bank Campus
Loc Desc (PORTAL): 300 N Beretania St, Honolulu, HI 96817
Address (PORTAL): 300 N Beretania St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/633/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : May 18, 2017
Document No: 175468
Type: Undetermined
Title: Release Response Activities at the American Savings Bank Campus located at 300 North Beretania Street in Honolulu, Hawaii, Release ID Number 20170424-1449
Imported From: 17019 ASB Campus Letter Report 05-24-2017.pdf

iHEER System - Locations Details

Locations ID: 2215
Location Type: SC
Description: American Savings Bank
Comment : Placed by RPM
Centroid: POINT (-157.862307 21.315102999999997)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POINT (-157.862307 21.315102999999997)

iHEER System - Locations Details

Locations ID: 5889
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86232209090929 21.315125035033155)
Geometry:

POLYGON ((-157.86183453125386 21.3148755694983, -157.86236560863836 21.315640181203207, -157.86280549091467 21.315362822515045, -157.86282158417006 21.315335336490929, -157.86282158417006 21.315310349191535, -157.8628028087069 21.315280364426464, -157.86227173132247 21.314680667839237, -157.86224490922706 21.314653181686616, -157.86220467609297 21.314638189237332, -157.86216980737436 21.314635690496047, -157.86213762087246 21.314655680427585, -157.86182112020617 21.314858078334222, -157.86183453125386 21.3148755694983))

iHEER System - Locations Details

Locations ID: 8868
Location Type: NFAIC
Description: NFAIC ASB Campus
Comment : Google Maps and Site Boundary.
Centroid: POINT (-157.86232280554245 21.315125111197379)
Geometry:

POLYGON ((-157.86236694974221 21.31563631598819, -157.86280146760305 21.315361456022536, -157.86282560749069 21.315331471267896, -157.86282828969843 21.315306483967831, -157.86224088592445 21.314654313928497, -157.86220601720581 21.314636822738908, -157.86217919511043 21.314636822738908, -157.86182246131904 21.314854213099473, -157.86236694974221 21.31563631598819))

Site Details

Centroid: POINT (-157.862307 21.315102999999997)
Updated On: 10/4/2021 3:12:39 PM
Coordinates: 21.315102999999997,-157.862307

iHEER System - Aliases

Name: HEER Case No. 20170424-1449

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

196	1 of 1	ESE	0.60 / 3,159.52	3.28 / 0	725 Kapiolani Boulevard 725 Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1056
Site Name (Public iHEER): 725 Kapiolani Boulevard
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, HD&C, 725 Kapiolani Boulevard, Imperial Plaza
Street (Public iHEER): 725 Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): SHWB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		3/31/2020 10:07:39 AM				
Updated on (Public iHEER):		25				
Ms Access ID (Public iHEER):		725 Kapiolani Blvd, Honolulu, HI 96813				
Suppl Loc (Public iHEER):		121049027				
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1056				
Site Name (PORTAL):		725 Kapiolani Boulevard				
Loc Desc (PORTAL):		725 Kapiolani Blvd, Honolulu, HI 96813				
Address (PORTAL):		725 Kapiolani Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		SHWB				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1056/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 6, 1990
Document No: 9164
Type: Review Letter
Title: Comments for Leaking USTs at the Imperial Plaza Construction Site on Kapiolani Ave and Cooke St, Honolulu
Imported From: 100793.pdf

iHEER System - Documents

Date : Feb 13, 1996
Document No: 19388
Type: Review Letter
Title: Imperial Plaza, 725 Kapiolani Blvd, Oahu HI
Imported From: 60685.pdf

iHEER System - Documents

Date : Apr 26, 1990
Document No: 9163
Type: Letter of Interest
Title: Notice of Petroleum Contamination at Kapiolani and Cooke St
Imported From: 100794.pdf

iHEER System - Documents

Date :
Document No: 183494
Type: Undetermined
Title: Supporting Documents
Imported From:

iHEER System - Documents

Date : May 3, 1990
Document No: 9165

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Letter of Interest				
Title:		The Imperial Plaza: Presence of Petroleum				
Imported From:		100792.pdf				

iHEER System - Locations Details

Locations ID:	755
Location Type:	SC
Description:	
Comment :	Google Maps
Centroid:	POINT (-157.854809 21.3008090000000005)
Geometry:	

POINT (-157.854809 21.3008090000000005)

Site Details

Centroid:	POINT (-157.854809 21.3008090000000005)
Updated On:	3/31/2020 10:07:39 AM
Coordinates:	21.3008090000000005,-157.854809

iHEER System - Aliases

Name:	Imperial Plaza
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iHEER System - Aliases

Name:	1% flood risk with SLR 3.2ft
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iHEER System - Aliases

Name:	HD&C, 725 Kapiolani Boulevard
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iHEER System - Aliases

Name:	Brownfields Received a Restricted NFA
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197	1 of 1	SE	0.60 / 3,160.12	3.28 / 0	Ward Management Development Block F Ulana Property 831-851 Pohukania Street Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER):	3203
Site Name (Public iHEER):	Ward Management Development Block F Ulana Property
Aliases (Public iHEER):	Block F, Victoria Ward, Ward Village
Street (Public iHEER):	831-851 Pohukania Street
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96813
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Assessment
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	9/1/2022 2:03:04 PM
Ms Access ID (Public iHEER):	
Suppl Loc (Public iHEER):	831-851 Pohukaina Street, Honolulu
Tax Map Keys (Public iHEER):	121053001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3203
Site Name (PORTAL): Ward Management Development Block F Ulana Property
Loc Desc (PORTAL): 831-851 Pohukaina Street, Honolulu
Address (PORTAL): 831-851 Pohukaina Street
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3203/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Sep 1, 2022
Document No: 196798
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Site Assessment
Imported From:

iHEER System - Documents

Date : May 23, 2023
Document No: 201717
Type: Removal Action Report
Title: Remedial Action Report
Imported From:

iHEER System - Documents

Date : Jun 2, 2023
Document No: 201859
Type: Concurrence Letter
Title: Sample Analysis Plan Approval
Imported From:

iHEER System - Documents

Date : Dec 2, 2022
Document No: 198544
Type: Comment Letter
Title: Comment Letter Phase II Block F
Imported From:

iHEER System - Documents

Date : Sep 1, 2022
Document No: 196797
Type: Undetermined
Title: Cover Letter Phase II
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 29, 2023
Document No: 202743
Type: Concurrence Letter
Title: First Stockpile Offsite Approval
Imported From:

iHEER System - Documents

Date : Jun 26, 2023
Document No: 202684
Type: Undetermined
Title: First Stockpile Sampling
Imported From:

iHEER System - Documents

Date : Nov 23, 2022
Document No: 198298
Type: Undetermined
Title: Interim C-EHMP
Imported From:

iHEER System - Documents

Date : May 2, 2023
Document No: 201415
Type: Undetermined
Title: Block F Site Delineation Report
Imported From:

iHEER System - Documents

Date : Feb 8, 2023
Document No: 199709
Type: Comment Letter
Title: C-EHMP Approval
Imported From:

iHEER System - Documents

Date : Feb 1, 2023
Document No: 199635
Type: Undetermined
Title: C-EHMP Jan 30 2023
Imported From:

iHEER System - Locations Details

Locations ID: 10493
Location Type: SC
Description: Ward Block F Ulana
Comment : Google Maps and center of the Site boundary.
Centroid: POINT (-157.857966 21.296841999999991)
Geometry:

POINT (-157.857966 21.296841999999991)

iHEER System - Locations Details

Locations ID: 10381

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Location Type:		SB				
Description:		Ward Block F Ulana				
Comment :						
Centroid:		POINT (-157.85795804836138 21.29679866199444)				
Geometry:						

POLYGON ((-157.85887656367157 21.29672788994646, -157.8578841463399 21.297465106740724, -157.85715190327602 21.296635425206563, -157.85777954018408 21.296235577011252, -157.85777417576861 21.296238076065478, -157.85887656367157 21.29672788994646))

Site Details

Centroid: POINT (-157.857966 21.296841999999991)
Updated On: 9/1/2022 2:03:04 PM
Coordinates: 21.296841999999991,-157.857966

iHEER System - Aliases

Name: Victoria Ward

iHEER System - Aliases

Name: Block F

iHEER System - Aliases

Name: Ward Village

198	1 of 1	NNW	0.60 / 3,162.84	3.28 / 0	580 North Nimitz 580 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 620
Site Name (Public iHEER): 580 North Nimitz
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, 580 North Nimitz Highway, Brownfields Low Priority Site, Harry and Jeanette Weinberg Foundation Inc, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, IDPP, LTM
Street (Public iHEER): 580 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 10:07:10 AM
Ms Access ID (Public iHEER): 1001
Suppl Loc (Public iHEER): 580 N Nimitz Hwy, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115013013, 115013019
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 620
Site Name (PORTAL): 580 North Nimitz
Loc Desc (PORTAL): 580 N Nimitz Hwy, Honolulu, HI 96817
Address (PORTAL): 580 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status (PORTAL): Priority (PORTAL): Lead Agency (PORTAL): Program (PORTAL): Assigned Rpm (PORTAL): Details URL (PORTAL): Data Source(s):		REMEDY IN PLACE Unranked HEER Office State Iris van der Zander https://eha-cloud.doh.hawaii.gov/iheer/#!/site/620/details/view iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Apr 30, 2021 203232 Monitoring Report 580 N Nimitz Hwy Groundwater Monitoring Report Mar 2021				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Oct 7, 2021 203233 Undetermined 580 N Nimitz Hwy Groundwater Monitoring Report Mar 2021 Submittal				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Jul 22, 2014 55049 Transfer Letter from other Agency / EPR Case Transfer - the Harry and Jeanette Weinberg Foundation, 580 N Nimitz Hwy, Honolulu, Facility ID 9-102995 / Release ID 950031 110467.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		May 11, 1995 55060 Remedial Action Completion Report Final Cleanup Report Soils Remediation and Site Restoration in Conjunction with the Permanent UST Closure at 580 N Nimitz Hwy 35993.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Oct 1, 2021 181226 Monitoring Report Groundwater Monitoring Report				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Feb 1, 2020 177251 Monitoring Report Groundwater Monitoring Report January 15, 2020				
<u>iHEER System - Documents</u>						
Date :		Feb 1, 2019				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			55057			
Type:			Monitoring Report			
Title:			Groundwater Monitoring Report January 18, 2019			
Imported From:			media137092\580 N Nimitz Hwy Groundwater Monitoring Report Jan 2019 reduced-v1.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2020			
Document No:			177245			
Type:			Monitoring Report			
Title:			Groundwater Monitoring Report July 23, 2020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2018			
Document No:			55045			
Type:			Monitoring Report			
Title:			Groundwater Monitoring Report July 24, 2018			
Imported From:			media132894\580 N Nimitz Hwy Groundwater Monitoring Report Jul2018.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2019			
Document No:			171641			
Type:			Monitoring Report			
Title:			Groundwater Monitoring Report July 25, 2019			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 16, 2014			
Document No:			55040			
Type:			Letter from PRP			
Title:			IDPP Response to "Results of groundwater sampling and analysis, 580 N Nimitz Hwy, Honolulu HI 96817-2198", Aug 13, 2013, and prepared by Galson Laboratories			
Imported From:			112455.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 25, 2000			
Document No:			181061			
Type:			Undetermined			
Title:			Inalab Scope of Work Summary			
Imported From:						
<u>iHEER System - Documents</u>						
Date :						
Document No:			55046			
Type:			Undetermined			
Title:			Map - Date Unknown			
Imported From:			120525.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 21, 1994			
Document No:			55041			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I ESA 580 N Nimitz Hwy			
Imported From:			35989.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 3, 1995
Document No: 55042
Type: Phase II Environmental Site Assessment
Title: Phase II ESA 580 N Nimitz Hwy
Imported From: 35990.pdf

iHEER System - Documents

Date : Apr 25, 2008
Document No: 55043
Type: Site Characterization Report
Title: Release Response Site Characterization Report, 580 N Nimitz Hwy, Honolulu HI, Facility ID 9-102995 / Release ID 950031
Imported From: 35994.pdf

iHEER System - Documents

Date : Jan 11, 1995
Document No: 55061
Type: Removal Action Report
Title: Report of a Permanent UST Closure at 580 N Nimitz Hwy
Imported From: 35991.pdf

iHEER System - Documents

Date : Mar 3, 1995
Document No: 55062
Type: Undetermined
Title: Report of Release Response Activities in Conjunction with the Permanent UST Closure at 580 N Nimitz Hwy
Imported From: 35992.pdf

iHEER System - Documents

Date : Aug 6, 2000
Document No: 181063
Type: Request for Information
Title: Response to HEER request for information on the investigation of Iwilei Section of the Honolulu Harbor Contamination Area Letter from Weinberg 8-6-2000_attachment
Imported From:

iHEER System - Documents

Date : Nov 23, 2016
Document No: 55059
Type: Monitoring Report
Title: Results of groundwater sampling and analysis
Imported From: media123256\20167403 -- Report from November 2016 monitoring HAL.pdf

iHEER System - Documents

Date : Nov 19, 2015
Document No: 55051
Type: Monitoring Report
Title: Results of Groundwater Sampling and Analysis
Imported From: media116180\20155704 -- Report from October 2015 monitoring HAL.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 21, 2016
Document No: 55038
Type: Monitoring Report
Title: Results of Groundwater Sampling and Analysis
Imported From: media120751\20163635 -- Report from June 2016 monitoring HAL.pdf

iHEER System - Documents

Date : May 19, 2017
Document No: 14942
Type: Monitoring Report
Title: Results of groundwater sampling and analysis
Imported From: media127671\20173240 -- Report from May 2017 monitoring HAL.pdf

iHEER System - Documents

Date : May 5, 2015
Document No: 55053
Type: Monitoring Report
Title: Results of Groundwater Sampling and Analysis
Imported From: media114539\20151900 -- Report from 5 May 2015 monitoring HAL.pdf

iHEER System - Documents

Date : Nov 27, 2017
Document No: 55055
Type: Monitoring Report
Title: Results of Groundwater Sampling and Analysis performed at 580 N Nimitz on Nov 7, 2017
Imported From: media128725\20179450 -- Report from November 2017 monitoring HAL.pdf

iHEER System - Documents

Date : May 13, 2008
Document No: 14004
Type: Review Letter
Title: Review of EKNA Services' Inc Site Characterization Report for 580 N Nimitz Hwy
Imported From: 08-333-CAC.pdf

iHEER System - Documents

Date : Jan 23, 2008
Document No: 55047
Type: Undetermined
Title: Transmittal and Cover Letter Nimitz Zippy's and Weinberg Properties
Imported From: 120523.pdf

iHEER System - Documents

Date : Apr 24, 1995
Document No: 55048
Type: Monitoring Report
Title: UST Closure Monitoring 580 N Nimitz Hwy
Imported From: 35988.pdf

iHEER System - Locations Details

Locations ID: 1229
Location Type: SC
Description:
Comment : Google Earth

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Centroid:
Geometry: POINT (-157.869589 21.313469999999992)

POINT (-157.869589 21.313469999999992)

Site Details

Centroid: POINT (-157.869589 21.313469999999992)
Updated On: 9/21/2021 10:07:10 AM
Coordinates: 21.313469999999992,-157.869589

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: LTM

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: 580 North Nimitz Highway

iHEER System - Aliases

Name: IDPP

iHEER System - Aliases

Name: Harry and Jeanette Weinberg Foundation Inc

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

199	1 of 1	NNW	0.60 / 3,166.45	3.28 / 0	420-470 North Nimitz Highway 420-470 N Nimitz Hwy Honolulu HI 96817	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Public iHEER):		619				
Site Name (Public iHEER):		420-470 North Nimitz Highway				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Harry and Jeanette Weinberg Foundation Inc, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit				
Street (Public iHEER):		420-470 N Nimitz Hwy				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		3/1/2022 3:35:29 PM				
Ms Access ID (Public iHEER):		19				
Suppl Loc (Public iHEER):		420-470 N Nimitz Hwy, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115010001, 115039001				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		619				
Site Name (PORTAL):		420-470 North Nimitz Highway				
Loc Desc (PORTAL):		420-470 N Nimitz Hwy, Honolulu, HI 96817				
Address (PORTAL):		420-470 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Iris van der Zander				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/619/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Dec 1, 2006
Document No: 9151
Type: Letter of Interest
Title: 420 Nimitz Hwy, State Site Discovery Effort
Imported From: 06-726-AF.pdf

iHEER System - Documents

Date : Aug 16, 2000
Document No: 9153
Type: Undetermined
Title: Approval for Request for Extension to Respond to Request for Information
Imported From: 1002.pdf

iHEER System - Documents

Date : Oct 6, 2000
Document No: 9149
Type: Undetermined
Title: Cover Letter for Response to Request for Information and the Sanborn Fire Insurance Maps
Imported From: 1005.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Dec 18, 2012
Document No: 9152
Type: Undetermined
Title: Cover Letter for Soil Gas Investigation Report, 420 N Nimitz Hwy, Version 1.0, WBS 3.1.5, Nov 9, 2012, prepared by URS Corporation
Imported From: 101730.pdf

iHEER System - Documents

Date : Apr 20, 2011
Document No: 11989
Type: Undetermined
Title: Institutional Control Response Procedures Submitted to DOH
Imported From: 94993.pdf

iHEER System - Documents

Date : Oct 6, 2000
Document No: 181057
Type: Request for Information
Title: Report Response to HEER Request for Information
Imported From:

iHEER System - Documents

Date : Aug 7, 2000
Document No: 9148
Type: Undetermined
Title: Request for Extension to Respond to Request for Information
Imported From: 1001.pdf

iHEER System - Documents

Date : Aug 31, 2000
Document No: 9155
Type: Undetermined
Title: Request for Extension to Respond to Request for Information
Imported From: 1004.pdf

iHEER System - Documents

Date : Aug 25, 2000
Document No: 9150
Type: Undetermined
Title: Respond to Request for Information
Imported From: 1003.pdf

iHEER System - Documents

Date : Mar 30, 2011
Document No: 9154
Type: Undetermined
Title: Response to Notification of Construction Related Activities
Imported From: 11-180-KO.pdf

iHEER System - Documents

Date : Nov 9, 2012
Document No: 14866
Type: Environmental Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Soil Gas Investigation Report, 420 N Nimitz Hwy, Version 1.0, WBS 3.1.5, Nov 9, 2012, prepared by URS Corporation				
Imported From:		101731.pdf				

iHEER System - Locations Details

Locations ID: 725
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.86767399999997 21.314311000000007)
Geometry:

POINT (-157.86767399999997 21.314311000000007)

iHEER System - Locations Details

Locations ID: 2312
Location Type: SB
Description: Site Boundary
Comment : Google Earth
Centroid: POINT (-157.86768475240504 21.314278942986416)
Geometry:

POLYGON ((-157.86821330125221 21.3143137167594, -157.86827230984946 21.3142737368005, -157.86829913194484 21.314206270593591, -157.86829644973713 21.314131308106219, -157.8682749920662 21.314053846828592, -157.86823744113988 21.313956395486088, -157.86817575032583 21.313876435361138, -157.86804700430031 21.313826460261591, -157.86791021163361 21.313863941587851, -157.86770636375539 21.313966390498, -157.86728793914102 21.314148799356861, -157.86715919311553 21.314221263086957, -157.86708140905509 21.314346200468943, -157.86707068021511 21.314456145276743, -157.8670948200938 21.314538603829007, -157.86716723973876 21.31463105730165, -157.86725307043139 21.314693525832002, -157.86739522750463 21.314713515755688, -157.86757225329646 21.314663540941005, -157.86774391468177 21.314573586231187, -157.86821330125221 21.3143137167594))

Site Details

Centroid: POINT (-157.86767399999997 21.314311000000007)
Updated On: 3/1/2022 3:35:29 PM
Coordinates: 21.314311000000007,-157.86767399999997

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Harry and Jeanette Weinberg Foundation Inc

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Brownfields Low Priority Site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

200	1 of 1	NNW	0.60 / 3,169.84	3.28 / 0	Alii #3282 540 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2408
Site Name (Public iHEER): Alii #3282
Aliases (Public iHEER): Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit
Street (Public iHEER): 540 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): —
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/1/2022 3:36:02 PM
Ms Access ID (Public iHEER): 1171
Suppl Loc (Public iHEER): 540 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115039012
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2408
Site Name (PORTAL): Alii #3282
Loc Desc (PORTAL): 540 N Nimitz Hwy
Address (PORTAL): 540 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/2408/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 19, 2010
Document No: 70467
Type: Undetermined
Title: Comments on the EHE for Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI
Imported From: 2010-132#Q:\2010 Final Correspondence (Day File)\10-132-AF.pdf

iHEER System - Documents

Date : Jul 31, 2008
Document No: 14707
Type: Undetermined
Title: Comments on UST Closure and Release Response Assessment
Imported From: 2008-509#Q:\2008 Final Correspondence (Day File)\08-509-AF.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 20, 2008
Document No: 56123
Type: Undetermined
Title: E-mail Responses Regarding the Facility Aii #3282
Imported From: 121535#\Heersharepoint1\facilitsite%20documents\121535.pdf

iHEER System - Documents

Date : Mar 13, 2013
Document No: 56132
Type: Undetermined
Title: EHE 3rd Revision, Former Aii No 1 Union 76 Service Station, Jun 28, 2011 by ESI
Imported From: 2013-146#Q:\2013 Final Correspondence (Day File)\13-146-MS.pdf

iHEER System - Documents

Date : Apr 7, 2014
Document No: 56142
Type: Undetermined
Title: EHE and EHMP, 4th Revision
Imported From: \facilitsite documents\media110538\Tables.pdf

iHEER System - Documents

Date : Apr 7, 2014
Document No: 56144
Type: Undetermined
Title: EHE and EHMP, 4th Revision
Imported From: \facilitsite documents\media110538\Appendices.pdf

iHEER System - Documents

Date : Apr 7, 2014
Document No: 56141
Type: Undetermined
Title: EHE and EHMP, 4th Revision
Imported From: \facilitsite documents\media110538\Figures.pdf

iHEER System - Documents

Date : Apr 7, 2014
Document No: 56143
Type: Undetermined
Title: EHE and EHMP, 4th Revision
Imported From: \facilitsite documents\media110538\Final EHE Text.pdf

iHEER System - Documents

Date : Apr 7, 2014
Document No: 56145
Type: Undetermined
Title: EHE and EHMP, 4th Revision
Imported From: \facilitsite documents\media110538\ARCADIS Response to DOH Comments\ARCADIS Response to DOH Comments.pdf

iHEER System - Documents

Date : Sep 29, 2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			56137			
Type:			Undetermined			
Title:			EHE and EHMP, 4th Revision, Former Alii No 1 Union 76 Service Station, Apr 7, 2014, by Arcadis			
Imported From:			2014-489#Q:\2014 Final Correspondence (Day File)\14-489-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56125			
Type:			Undetermined			
Title:			EHE and EHMP, 4th Revision, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI			
Imported From:			\facilitysite documents\media109379\Final EHE Text.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56127			
Type:			Undetermined			
Title:			EHE and EHMP, 4th Revision, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI			
Imported From:			\facilitysite documents\media109379\Tables.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56124			
Type:			Undetermined			
Title:			EHE and EHMP, 4th Revision, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI			
Imported From:			\facilitysite documents\media109379\Figures.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56126			
Type:			Undetermined			
Title:			EHE and EHMP, 4th Revision, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI			
Imported From:			\facilitysite documents\media109379\Appendices.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 22, 2010			
Document No:			3868			
Type:			Undetermined			
Title:			EHE for Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, ConocoPhillips Facility No 3282, DOH UST Facility ID 9-100017, DOH UST Release ID 920166, DOH HEER Case ID 20000330-1606			
Imported From:			62250#\Heersharepoint1\facilitysite%20documents\62250.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 8, 2010			
Document No:			70466			
Type:			Undetermined			
Title:			EHE for Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, ConocoPhillips Facility No 3282, TMK 1-1-5-039-012			
Imported From:			62251#\Heersharepoint1\facilitysite%20documents\62251.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 28, 2010			
Document No:			70480			
Type:			Undetermined			
Title:			EHMP for Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI			
Imported From:			92240#\Heersharepoint1\facilitiesite%20documents\92240.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 17, 2007			
Document No:			56114			
Type:			Undetermined			
Title:			Excavation of Remaining Pipeline and Soil Contamination			
Imported From:			2007-238#Q:\2007 Final Correspondence (Day File)\07-238-AF-FINAL-D.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 17, 2015			
Document No:			70471			
Type:			Undetermined			
Title:			Figures			
Imported From:			media116395\2015 PFS Report_Figures.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 12, 2016			
Document No:			60883			
Type:			Undetermined			
Title:			Figures			
Imported From:			media121656\Figures.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56128			
Type:			Undetermined			
Title:			Follow-Up Action Items form Letter, Mar 13, 2013, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Highway Honolulu, Alii, Honolulu HI			
Imported From:			110537#\Heersharepoint1\facilitiesite%20documents\110537.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2014			
Document No:			56139			
Type:			Undetermined			
Title:			Follow-Up Action Items from Letter, Mar 13, 2013, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI			
Imported From:			109378#\Heersharepoint1\facilitiesite%20documents\109378.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2006			
Document No:			70479			
Type:			Undetermined			
Title:			Limited Subsurface Investigation Union 76 Station, TMK 1-1-5-039-012 504 N Nimitz Hwy, Honolulu HI			
Imported From:			36177#\Heersharepoint1\facilitiesite%20documents\36177.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 22, 2007			
Document No:			60872			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Limited Subsurface Investigation, Union 76 Station, TMK 1-1-5-039-012, 504 N Nimitz Hwy, Honolulu HI				
Imported From:		6069#\Heersharepoint1\facilitiesite%20documents\6069.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 3, 2014				
Document No:		60876				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action with Institutional Controls (ICs) at Alii #3282				
Imported From:		14-603-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 18, 2007				
Document No:		70478				
Type:		Undetermined				
Title:		Non UST Associated contamination on site				
Imported From:		2007-243#Q:\2007 Final Correspondence (Day File)\07-243-AF-FINAL-D.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2015				
Document No:		60880				
Type:		Undetermined				
Title:		Notice of Intent to Conduct Site Inspection - Pacific Fishing and Supply, 540 N Nimitz Hwy				
Imported From:		113730#\Heersharepoint1\facilitiesite%20documents\113730.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2011				
Document No:		56134				
Type:		Undetermined				
Title:		Notice to Agency of Change in Contact Information for Former Unocal Station 3282 Chevron Facility No 351469 - Site Address 540 Nimitz Hwy, Honolulu HI, Case ID 9-10017				
Imported From:		95580#\Heersharepoint1\facilitiesite%20documents\95580.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 29, 2007				
Document No:		56120				
Type:		Undetermined				
Title:		Pipeline Location				
Imported From:		2007-210#Q:\2007 Final Correspondence (Day File)\07-210-AF.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 23, 2007				
Document No:		70476				
Type:		Undetermined				
Title:		Pipeline Location and Soil Contamination Observed during Excavation				
Imported From:		2007-201#Q:\2007 Final Correspondence (Day File)\07-201-AF.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 25, 2007				
Document No:		60877				
Type:		Undetermined				
Title:		Preliminary Letter Report-UST Closure, Release Response Assessment, and EHE, Former Alii No 1 Union 76, 540 N Nimitz Hwy, Honolulu HI (ConocoPhillips AOC No 01159, TMK 1-1-5-039-012)				
Imported From:		36179#\Heersharepoint1\facilitiesite%20documents\36179.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 6, 2014
Document No: 56138
Type: Undetermined
Title: Request for Conditional No Further Action, Former Alii No 1 Union 76 Service Station, Former Unocal Facility
Imported From: 111537.pdf

iHEER System - Documents

Date : Mar 17, 2008
Document No: 70475
Type: Undetermined
Title: Request information for handling stained soils and contaminated groundwater at 540 N Nimitz (formerly the Union 76 Service Station)
Imported From: 2008-218#Q:\2008 Final Correspondence (Day File)\08-218-AF.pdf

iHEER System - Documents

Date : May 11, 2010
Document No: 70474
Type: Undetermined
Title: Response to DOH Comments and Concerns for Former Alii No 1 Union 76 EHE Report, 540 N Nimitz Hwy, Honolulu HI (ConocoPhillips AOC No 01159, TMK 1-1-5-039-012)
Imported From: 63513#\Heersharepoint1\facilitiesite%20documents\63513.pdf

iHEER System - Documents

Date : Oct 12, 2015
Document No: 70465
Type: Review Letter
Title: Review of 2015 Semi-Annual Inspections Report, Former Alii Union 76 Service Station/ Former Chevron Facility
Imported From: 16-133 SPM.pdf

iHEER System - Documents

Date : Jul 1, 2018
Document No: 60879
Type: Review Letter
Title: Review of 2018 ANNUAL INSPECTION REPORT
Imported From: 18-194 SPM.pdf

iHEER System - Documents

Date : May 5, 2014
Document No: 56119
Type: Undetermined
Title: Review of EHE and EHMP 4th Revision, Former Alii No 1 Union 76 Service Station, Former Unocal Facility No 3282, 540 N Nimitz Hwy, Honolulu, Alii, Honolulu HI
Imported From: 2014-202#Q:\2014 Final Correspondence (Day File)\14-202-SPM.pdf

iHEER System - Documents

Date : Dec 13, 2010
Document No: 56118
Type: Undetermined
Title: Review of EHE, Jul 15, 2010 and EHMP, Jul 28, 2010 by ESI, Inc
Imported From: 2010-742#Q:\2010 Final Correspondence (Day File)\10-742-KO.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jul 5, 2016				
Document No:		56129				
Type:		Review Letter				
Title:		Review of Letter Subject: DOH HEER File: 16-133-SPM Former Alii Union 76 Service Station, 540 N Nimitz Highway Honolulu Alii, Honolulu Hawaii, dated Jul 5, 2016				
Imported From:		16-364 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2011				
Document No:		56133				
Type:		Undetermined				
Title:		Revised EHE and EHMP for the Former Alii No 1 Service Station, 540 N Nimitz Hwy, Honolulu HI 96817 (TMK 1-1-5-039-012)				
Imported From:		95572#\Heersharepoint1\facilitysite%20documents\95572.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2011				
Document No:		56136				
Type:		Undetermined				
Title:		Revised EHE and EHMP for the Former Alii No 1 Service Station, 540 N Nimitz Hwy, Honolulu HI 96817 (TMK 1-1-5-039-012)				
Imported From:		95573#\Heersharepoint1\facilitysite%20documents\95573.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 28, 2010				
Document No:		70481				
Type:		Undetermined				
Title:		Revised Final EHE and EHMP for Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, ConocoPhillips Facility No 3282, DOH UST Facility ID 9-100017				
Imported From:		92238#\Heersharepoint1\facilitysite%20documents\92238.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 28, 2010				
Document No:		70482				
Type:		Undetermined				
Title:		Revised Final EHE, Former Alii No 1 Union 76 Service, 540 N Nimitz Hwy, Honolulu HI				
Imported From:		92245#\Heersharepoint1\facilitysite%20documents\92245.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 30, 2008				
Document No:		70477				
Type:		Undetermined				
Title:		UST Closure and Closure Assessment, Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-039-012				
Imported From:		58505#\Heersharepoint1\facilitysite%20documents\58505.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 24, 2008				
Document No:		60875				
Type:		Undetermined				
Title:		UST Closure and Closure Assessment, Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-039-012				
Imported From:		58504#\Heersharepoint1\facilitysite%20documents\58504.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 1, 2008
Document No: 60878
Type: Undetermined
Title: UST Closure and Release Response Assessment, Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, ConocoPhillips Site No 3282, Mid Pac Petroleum Site No 105, TMK 1-1-5-039-012
Imported From: 36180#\Heersharepoint1\facilitiesite%20documents\36180.pdf

iHEER System - Documents

Date : Jul 8, 2008
Document No: 29482
Type: Undetermined
Title: UST Closure and Release Response Assessment, Former Alii No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-039-012
Imported From: 7825#\Heersharepoint1\facilitiesite%20documents\7825.pdf

iHEER System - Documents

Date : Mar 22, 2007
Document No: 56117
Type: Undetermined
Title: Various Documents for the Facility Alii #3282
Imported From: 121537#\Heersharepoint1\facilitiesite%20documents\121537.pdf

iHEER System - Documents

Date : Aug 12, 2016
Document No: 60881
Type: IC Inspection Report
Title: 2016 Annual Inspection Report, Former Alii Union 76 Service Stations/Formers Chevron Facility
Imported From: media121656\FINAL_2016 Annual Inspection Report_Text.pdf

iHEER System - Documents

Date : Aug 12, 2016
Document No: 60885
Type: Undetermined
Title: 2016 Annual Inspection Report, Former Alii Union 76 Service Stations/Formers Chevron Facility No 351469, 540 N Nimitz Hwy, Honolulu HI 96817 dated Aug 12, 2016.
Imported From: \facilitiesite documents\media121656\Appendix B - Photographic Log.pdf

iHEER System - Documents

Date : May 31, 2018
Document No: 60874
Type: IC Inspection Report
Title: 2018 Annual Inspection Report Former Alii Union 76 Service Station Former Chevron Facility
Imported From: media132026\351469_2018 Annual Inspection Report_05312018.pdf

iHEER System - Documents

Date : Aug 4, 2005
Document No: 56116
Type: Undetermined
Title: 2nd Quarter 2005, May 2005 Quarterly Status Report, Alii Petroleum No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI
Imported From: 98620#\Heersharepoint1\facilitiesite%20documents\98620.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Aug 31, 2006				
Document No:		56131				
Type:		Undetermined				
Title:		2nd Quarter 2006 May 2006 Semiannual Status Report, Alii Petroleum No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI				
Imported From:		98615#\Heersharepoint1\facilitysite%20documents\98615.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 21, 2005				
Document No:		56121				
Type:		Undetermined				
Title:		3rd Quarter 2005, Aug 2005 Quarterly Status Report, Alii Petroleum No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI				
Imported From:		98621#\Heersharepoint1\facilitysite%20documents\98621.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 2, 2006				
Document No:		56115				
Type:		Undetermined				
Title:		4th Quarter 2005, Oct 2005 Semiannual Status Report, Alii Petroleum No 1 Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI				
Imported From:		98622#\Heersharepoint1\facilitysite%20documents\98622.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 11, 2007				
Document No:		56122				
Type:		Undetermined				
Title:		Alii #1, 107025 with Work Order 0703205				
Imported From:		121533#\Heersharepoint1\facilitysite%20documents\121533.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 25, 2008				
Document No:		56140				
Type:		Undetermined				
Title:		Alii Petroleum No 1, Union 76 Service Station - 540 N Nimitz Hwy, Honolulu Hawaii with Facility ID 9-100017/ Release ID 070010				
Imported From:		121536#\Heersharepoint1\facilitysite%20documents\121536.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 12, 2011				
Document No:		56135				
Type:		Undetermined				
Title:		Alii Petroleum No 1, Union 76 Service Station, 540 N Nimitz Hwy, Honolulu HI, Facility ID 9-100017 / Release ID 920016				
Imported From:		94144#\Heersharepoint1\facilitysite%20documents\94144.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 17, 2015				
Document No:		70472				
Type:		Undetermined				
Title:		Appendix A				
Imported From:		media116395\2015 PFS Report_Appendix A - Bldg Survey Forms.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 12, 2016
Document No: 60882
Type: Undetermined
Title: Appendix A
Imported From: media121656\Appendix A - Building Survey Forms.pdf

iHEER System - Documents

Date : Dec 17, 2015
Document No: 70470
Type: Undetermined
Title: Appendix B
Imported From: media116395\2015 PFS Report_Appendix B - Photo Log.pdf

iHEER System - Documents

Date : Dec 17, 2015
Document No: 70468
Type: IC Inspection Report
Title: Chevron Environmental Management Company, 2015 Semi-Annual Inspections Report, Former Alii Union 76 Service Station / Former Chevron Facility
Imported From: media116395\2015 PFS Report_Text.pdf

iHEER System - Documents

Date : Aug 2, 2013
Document No: 70473
Type: Undetermined
Title: Chevron Facility 351469 (Pacific Fishing Supply), 540 N Nimitz Hwy, Honolulu HI 96817 Facility ID 9-100017 Release ID 920166
Imported From: 105948#\Heersharepoint1\facilitiesite%20documents\105948.pdf

iHEER System - Documents

Date : Aug 1, 1995
Document No: 56130
Type: Undetermined
Title: Cleanup Progress Report, Paradise Union Service Station (L-3282), 540 N Nimitz Hwy, Honolulu HI 98614#\Heersharepoint1\facilitiesite%20documents\98614.pdf
Imported From:

iHEER System - Locations Details

Locations ID: 1255
Location Type: SC
Description:
Comment : Report Map
Centroid: POINT (-157.868545 21.313911000000004)
Geometry:

POINT (-157.868545 21.313911000000004)

iHEER System - Locations Details

Locations ID: 3515
Location Type: SB
Description:
Comment : Report Map
Centroid: POINT (-157.86858762538895 21.313890201870656)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POLYGON ((-157.86844297970134 21.314228289990915, -157.86890163744081 21.314078364999581, -157.8687916668695 21.31378850958173, -157.86874875152768 21.313653576692758, -157.8688399466358 21.313513646157414, -157.86833032692229 21.313696055578646, -157.86830350482691 21.313756025749672, -157.86829009377922 21.31380600087321, -157.86844297970134 21.314228289990915))

Site Details

Centroid: POINT (-157.868545 21.313911000000004)
Updated On: 3/1/2022 3:36:02 PM
Coordinates: 21.313911000000004,-157.868545

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

201	1 of 1	E	0.60 / 3,192.73	13.13 / 10	BWS Beretania Pumping Station 650 S Beretania St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1832
Site Name (Public iHEER): BWS Beretania Pumping Station
Aliases (Public iHEER): Beretania Pumping Station, Brownfields Low Priority Site
Street (Public iHEER): 650 S Beretania St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): SHWB
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/11/2021 2:47:07 PM
Ms Access ID (Public iHEER): 3183
Suppl Loc (Public iHEER): 650 S Beretania St, Honolulu, HI 96813
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1832
Site Name (PORTAL): BWS Beretania Pumping Station
Loc Desc (PORTAL): 650 S Beretania St, Honolulu, HI 96813
Address (PORTAL): 650 S Beretania St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		SHWB				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1832/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Locations Details

Locations ID:	2305
Location Type:	SC
Description:	
Comment :	Google Earth
Centroid:	POINT (-157.853815 21.306032000000009)
Geometry:	

POINT (-157.853815 21.306032000000009)

Site Details

Centroid:	POINT (-157.853815 21.306032000000009)
Updated On:	1/11/2021 2:47:07 PM
Coordinates:	21.306032000000009,-157.853815

iHEER System - Aliases

Name:	Beretania Pumping Station
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iHEER System - Aliases

Name:	Brownfields Low Priority Site
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202	1 of 1	NNW	0.61 / 3,195.40	3.28 / 0	FUDS Kuwili Park Military Reservation Sumner and Nimitz Iwilei HI	SHWS
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iHEER ID (Public iHEER):	1924
Site Name (Public iHEER):	FUDS Kuwili Park Military Reservation
Aliases (Public iHEER):	FUDS No. H09HI019600, Iwilei Prophylactic Station
Street (Public iHEER):	Sumner and Nimitz
City (Public iHEER):	Iwilei
State (Public iHEER):	HI
Zip (Public iHEER):	
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Assessment
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	DOD-IRP
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	8/23/2021 11:19:17 AM
Ms Access ID (Public iHEER):	2731
Suppl Loc (Public iHEER):	Sumner and Nimitz
Tax Map Keys (Public iHEER):	
iHEER ID (Non Public iHEER):	
Site Name (Non Public iHEER):	
Address (Non Public iHEER):	
City State Zip (Non Public):	
Suppl Loc Text(Non Public):	
iHEER ID (PORTAL):	1924
Site Name (PORTAL):	FUDS Kuwili Park Military Reservation
Loc Desc (PORTAL):	Sumner and Nimitz

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address (PORTAL): Sumner and Nimitz
 Iwilei, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): DOD-IRP
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1924/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jun 1, 1992
Document No: 157270
Type: Undetermined
Title: DERP-FUDES Inventory Project Report, Kuwili Park Military Reservation Iwilei, Honolulu, Oahu HI
Imported From: 105374#\Heersharepoint1\facilitysite%20documents\105374.pdf

iHEER System - Locations Details

Locations ID: 4718
Location Type: SC
Description:
Comment : Google Maps
Centroid: POINT (-157.86716 21.314783000000016)
Geometry:

POINT (-157.86716 21.314783000000016)

iHEER System - Locations Details

Locations ID: 4719
Location Type: SB
Description:
Comment : Google Maps
Centroid: POINT (-157.86715641104959 21.314790738023458)
Geometry:

POLYGON ((-157.86723285400763 21.314843211532292, -157.86715238773044 21.314700783390371, -157.86707996809446 21.314738264494309, -157.86716043436266 21.314880692599043, -157.86723285400763 21.314843211532292))

Site Details

Centroid: POINT (-157.86716 21.314783000000016)
Updated On: 8/23/2021 11:19:17 AM
Coordinates: 21.314783000000016,-157.86716

iHEER System - Aliases

Name: FUDES No. H09HI019600

iHEER System - Aliases

Name: Iwilei Prophylactic Station

203	1 of 1	N	0.61 / 3,201.00	3.28 / 0	Iwilei Fruits and Produce 920 Iwilei Rd	DELISTED SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Honolulu HI

204	1 of 1	NW	0.61 / 3,220.77	3.28 / 0	Hawaiian Flour Mill 703 N Nimitz Hwy Honolulu HI 96808	SHWS
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iHEER ID (Public iHEER): 2629
Site Name (Public iHEER): Hawaiian Flour Mill
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit
Street (Public iHEER): 703 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96808
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/7/2020 12:19:49 PM
Ms Access ID (Public iHEER): 351
Suppl Loc (Public iHEER): 703 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115038005
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2629
Site Name (PORTAL): Hawaiian Flour Mill
Loc Desc (PORTAL): 703 N Nimitz Hwy
Address (PORTAL): 703 N Nimitz Hwy
Honolulu, HI 96808
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/2629/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Feb 2, 1995
Document No: 36511
Type: Undetermined
Title: Hawaii Flour Mills, Air Quality monitoring and Soil and water Investigation
Imported From: 126416#\Heersharepoint1\facilitsite%20documents\126416.pdf

iHEER System - Documents

Date : Feb 28, 1995
Document No: 36502
Type: Undetermined
Title: Hawaiian Flour Mills Air Quality Monitoring and Soil and Water Investigation
Imported From: 37832#\Heersharepoint1\facilitsite%20documents\37832.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 30, 1995			
Document No:			36513			
Type:			Undetermined			
Title:			HFM Feed Manufacturing Plant, Honolulu HI Final Environmental Assessment and Negative Declaration			
Imported From:			37830#\Heersharepoint1\facilitiesite%20documents\37830.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 1998			
Document No:			36510			
Type:			Undetermined			
Title:			Honolulu Harbor area case referral			
Imported From:			126415#\Heersharepoint1\facilitiesite%20documents\126415.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 15, 1999			
Document No:			36512			
Type:			Undetermined			
Title:			Iwilei district information			
Imported From:			126417#\Heersharepoint1\facilitiesite%20documents\126417.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 26, 2006			
Document No:			36503			
Type:			Undetermined			
Title:			Recommendation for Action			
Imported From:			2006-815#Q:\2006 Final Correspondence (Day File)\06-815-AF-FINAL-D.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 20, 2006			
Document No:			36504			
Type:			Undetermined			
Title:			Recommendation to require action by Chevron for this release			
Imported From:			2006-165#Q:\2006 Final Correspondence (Day File)\06-165-ES.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 1995			
Document No:			36509			
Type:			Undetermined			
Title:			Request for Information on Honolulu Harbor Petroleum Contaminated Area Honolulu Hawaii			
Imported From:			126414#\Heersharepoint1\facilitiesite%20documents\126414.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 7, 1995			
Document No:			36505			
Type:			Undetermined			
Title:			Request for Information on Honolulu Harbor Petroleum Contaminated Area, Honolulu HI (95-025-WP)			
Imported From:			1084#\Heersharepoint1\facilitiesite%20documents\1084.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2006			
Document No:			36507			
Type:			Undetermined			
Title:			State Site Discovery Effort			
Imported From:			122356#\Heersharepoint1\facilitiesite%20documents\122356.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 1, 2006
Document No: 36508
Type: Undetermined
Title: State Site Discovery Effort
Imported From: 2006-723#Q:\2006 Final Correspondence (Day File)\06-723-AF.pdf

iHEER System - Documents

Date : Mar 17, 1994
Document No: 36506
Type: Undetermined
Title: Subsurface Investigation Report New Feed Mill Hawaiian Flour Mills, Honolulu HI
Imported From: 37831#\Heersharepoint1\facilitiesite%20documents\37831.pdf

iHEER System - Locations Details

Locations ID: 945
Location Type: SC
Description: Hawaiian Flour Mill
Comment : Google Earth and Doc 36504
Centroid: POINT (-157.869716 21.312218)
Geometry:

POINT (-157.869716 21.312218)

Site Details

Centroid: POINT (-157.869716 21.312218)
Updated On: 2/7/2020 12:19:49 PM
Coordinates: 21.312218,-157.869716

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

205	1 of 1	SSE	0.61 / 3,231.88	3.28 / 0	Kakaako Makai District Parking Garage-Unit 1and 3 Ahui St, Ohe St, Ilalo St &	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Olomehani St Honolulu HI 96813	
iHEER ID (Public iHEER):			310			
Site Name (Public iHEER):			Kakaako Makai District Parking Garage-Unit 1 and 3			
Aliases (Public iHEER):			Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 1, Kakaako Brownfield Project - Unit 3, Kakaako Makai, SLR 3.2ft Flooding			
Street (Public iHEER):			Ahui St, Ohe St, Ilalo St & Olomehani St			
City (Public iHEER):			Honolulu			
State (Public iHEER):			HI			
Zip (Public iHEER):			96813			
County (Public iHEER):			Honolulu			
Island (Public iHEER):			Oahu			
Status (Public iHEER):			Remedy Needed			
Lead Agency (Public iHEER):			HEER Office			
Program (Public iHEER):			State			
Assigned Rpm (Public iHEER):			TRUE			
Is Public (Public iHEER):			TRUE			
Updated on (Public iHEER):			5/30/2019 8:35:41 PM			
Ms Access ID (Public iHEER):			1021			
Suppl Loc (Public iHEER):			Ahui St, Ohe St, Ilalo St & Olomehani St			
Tax Map Keys (Public iHEER):			121060004, 121060005, 121060006, 121060017, 121060025, 121060026			
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):			310			
Site Name (PORTAL):			Kakaako Makai District Parking Garage-Unit 1 and 3			
Loc Desc (PORTAL):			Ahui St, Ohe St, Ilalo St & Olomehani St			
Address (PORTAL):			Ahui St, Ohe St, Ilalo St & Olomehani St Honolulu, HI 96813			
County (PORTAL):			Honolulu			
Island (PORTAL):			Oahu			
Status (PORTAL):			REMEDY NEEDED			
Priority (PORTAL):			Unranked			
Lead Agency (PORTAL):			HEER Office			
Program (PORTAL):			State			
Assigned Rpm (PORTAL):			Melody Calisay			
Details URL (PORTAL):			https://eha-cloud.doh.hawaii.gov/iheer/#!/site/310/details/view			
Data Source(s):			iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)			

iHEER System - Documents

Date : Dec 31, 2004
Document No: 55150
Type: Undetermined
Title: Draft Phase I ESA Phase I, Parking Garage, Kakaako Makai District, Honolulu HI
Imported From: 38446#\Heersharepoint1\facilitiesite%20documents\38446.pdf

iHEER System - Documents

Date : Oct 15, 2009
Document No: 4942
Type: Undetermined
Title: Evaluation of Remedial Alternatives, Kakaako Makai District, Honolulu HI, Sep 2009
Imported From: 61315#\Heersharepoint1\facilitiesite%20documents\61315.pdf

iHEER System - Documents

Date : Oct 15, 2009
Document No: 4941
Type: Undetermined
Title: Evaluation of Remedial Alternatives, Kakaako Makai District, Honolulu HI, Sep 2009
Imported From: 61316#\Heersharepoint1\facilitiesite%20documents\61316.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					12182	
Type:					Phase II Environmental Site Assessment	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI	
Imported From:					59370#\Heersharepoint1\facilitiesite%20documents\59370.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55186	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\facilitiesite documents\media59371\Figures\PDFs\FIG7-13_NEAR_LEAD.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55188	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\facilitiesite documents\media59371\Figures\PDFs\FIG4-3_GROUNDWATER_POTENTIOMETRIC_SURFACE_ELEVATIONS.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55190	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\facilitiesite documents\media59371\Figures\PDFs\FIG7-15_EXCEEDING_SITE_SCREENING_LEVELS_METALS.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55192	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\facilitiesite documents\media59371\Figures\PDFs\FIG2-3_SITE_AERIAL_PHOTOGRAPH.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55194	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\facilitiesite documents\media59371\Figures\PDFs\FIG1-1_PROJECT_AREA.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55196	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					0004, Jan 2009 \\facilitysite documents\media59371\Figures\PDFs\FIG7-10_SURFACE_ARSENIC.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55152	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\Appendix D.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55154	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\appendix h.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55156	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\Report.PDF	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55158	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\Appendix B.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55160	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\Appendix G.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55162	
Type:					Undetermined	
Title:					Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009	
Imported From:					\\facilitysite documents\media59371\Tables\Native\95 UCL Calc Groundwater G-37 to G-38.xls	
<u>iHEER System - Documents</u>						
Date :					Mar 25, 2009	
Document No:					55164	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Tables\Native\Soil and GW- Kakaako Data Tables (Final).xls

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55151
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Appendix F.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55153
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Appendix C.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55165
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Tables\Native\Table 6-6 REM-EPC Groundwater Exceedances Relative to DOH GALs (Final).xls

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55155
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Appendix E.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55157
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\appendix h cont.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55159
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Appendix A.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 25, 2009
Document No: 55161
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Tables\Native\95 UCL Calc kakaako Soil G-14 to G-36.XLS

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55163
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Tables\Native\Soil and GW- Kakaako Data Tables (Final) G-1 to G-13.xls

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55167
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Tables\Native\Table 6-5 Soil RME-EPC Soil Sample Exceedances Relative to DOH EALs (Final).xls

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55169
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Figures\PDFs\FIG7-4_SUBSURFACE_DRO.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55171
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Figures\PDFs\FIG7-16_SOIL_CAP.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55173
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009
Imported From: \facilitysite documents\media59371\Figures\PDFs\FIG2-5_PREVIOUS_INVESTIGATION_SAMPLES_EXCEEDING_SITE_SCREENING_LEVELS.pdf

iHEER System - Documents

Date : Mar 25, 2009
Document No: 55175
Type: Undetermined
Title: Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-9_NEAR_ARSENIC.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55189					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG4-1_SOIL_SAMPLES_EXCEEDING_SITE_SCREENING_LEVELS.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55191					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG2-6_PREVIOUS_INVESTIGATION_RECS_AND_ITEMS_OF_CONCERN_WITH_CURRENT_INVESTIGATION_SAMPLE_LOCATIONS.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55193					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-12_SURFACE_BARIUM.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55177					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-11_NEAR_BARIUM.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55179					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-2_SUBSURFACE_GRO.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 25, 2009					
Document No:	55181					
Type:	Undetermined					
Title:	Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009					
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-5_NEAR_RRO.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Mar 25, 2009				
Document No:		55183				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-6_SUBSURFACE_RRO.pdf				
 <u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55166				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Tables\Native\Table 7-1 Remedial Alternatives (Final).doc				
 <u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55168				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Tables\Native\Soil and GW- Kakaako Data Tables (Final) 3-1, 3-2, and 4-1.xls				
 <u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55195				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-3_NEAR_DRO.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 6, 2009				
Document No:		183421				
Type:		Undetermined				
Title:		HCDA-DOH Meeting Minutes on 2.6.09 from 230-300pm at DOH, Conference Room 201				
Imported From:						
 <u>iHEER System - Documents</u>						
Date :		Jan 15, 2008				
Document No:		55203				
Type:		Undetermined				
Title:		HDOH Recommendations for Interim Remedy for Kakaako Makai District				
Imported From:		53633#\Heersharepoint1\facilitysite%20documents\53633.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jan 15, 2008				
Document No:		55204				
Type:		Undetermined				
Title:		HDOH Recommendations for Interim Remedy for Kakaako Makai District				
Imported From:		2008-028#Q:\2008 Final Correspondence (Day File)\08-028-MGC.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jun 5, 2009				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			16672			
Type:			Undetermined			
Title:			Interim Remediation Measures for Kakaako Makai			
Imported From:			2009-380#Q:\2009 Final Correspondence (Day File)\09-380-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 29, 2006			
Document No:			55143			
Type:			Undetermined			
Title:			Kakaako Community Development District Improvement District 12, Ahui, Ohe, Olomehani Road Improvements			
Imported From:			5633#\Heersharepoint1\facilitiesite%20documents\5633.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			55149			
Type:			Undetermined			
Title:			Miscellaneous Documentation			
Imported From:			113401#\Heersharepoint1\facilitiesite%20documents\113401.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2009			
Document No:			55170			
Type:			Undetermined			
Title:			Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009			
Imported From:			\facilitiesite documents\media59371\Figures\PDFs\FIG7-14_SUB_LEAD.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2009			
Document No:			55172			
Type:			Undetermined			
Title:			Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009			
Imported From:			\facilitiesite documents\media59371\Figures\PDFs\FIG4-2_GROUNDWATER_SAMPLES_EXCEEDING SITE SCREENING _LEVELS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2009			
Document No:			55174			
Type:			Undetermined			
Title:			Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009			
Imported From:			\facilitiesite documents\media59371\Figures\PDFs\FIG7-8_EXCEEDING_SITE_SCREENING_LEVELS_OTHERS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2009			
Document No:			55176			
Type:			Undetermined			
Title:			Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009			
Imported From:			\facilitiesite documents\media59371\Figures\PDFs\FIG3-1_CURRENT_ENV_INGESTIGATION_SAMPLE_LOCATIONS.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 25, 2009			
Document No:			55178			
Type:			Undetermined			
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Imported From:			\facilitsite documents\media59371\Figures\PDFs\FIG6-1_CONCEPTUAL_SITE_MODEL.PDF			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2009			
Document No:			55180			
Type:			Undetermined			
Title:			Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009			
Imported From:			\facilitsite documents\media59371\Figures\PDFs\FIG2-4_PREVIOUS_ENV_INGESTIGATION_LOCATIONS.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			55148			
Type:			Undetermined			
Title:			Miscellaneous Documentation			
Imported From:			113400#\Heersharepoint1\facilitsite%20documents\113400.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			55197			
Type:			Undetermined			
Title:			Miscellaneous Documents			
Imported From:			113402#\Heersharepoint1\facilitsite%20documents\113402.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 12, 2010			
Document No:			183433			
Type:			Undetermined			
Title:			News Article : Study Sees Parking Lot Dust as a Cancer Risk			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2005			
Document No:			55205			
Type:			Undetermined			
Title:			Parking Garage/Mixed Used Site, Kakaako Makai District			
Imported From:			2005-668#Q:2005 Final Correspondence (Day File)\05-668-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 27, 2005			
Document No:			55146			
Type:			Undetermined			
Title:			Phase 1, Parking Garage/Mixed Use Site, Kakaako Makai District, Honolulu HI			
Imported From:			2507#\Heersharepoint1\facilitsite%20documents\2507.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 27, 2005			
Document No:			55147			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Phase 1, Parking Garage/Mixed Use Site, Kakaako Makai District, Honolulu HI				
Imported From:		\\facilitysite documents\media2507\Report.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 8, 2005				
Document No:		55206				
Type:		Undetermined				
Title:		Phase I/II ESA for Parking Garage Mixed Used Site, Kakaako Makai District				
Imported From:		2005-452#Q:\2005 Final Correspondence (Day File)\05-452-MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 1, 2007				
Document No:		55198				
Type:		Undetermined				
Title:		Phase II ESA, Kakaako Parking Garage, Honolulu HI				
Imported From:		38449#\Heersharepoint1\facilitysite%20documents\38449.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55182				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-7_CURRANT_AND_PREVIOUS_INVESTIGATIONS_SAMPLES_EXCEEDING_SITE_SCREENING_LEVELS_PETROLEUM.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55184				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG2-1_SITE_TOPO_MAP.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55185				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG2-2_SITE_AREA_MAP.PDF				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2009				
Document No:		55187				
Type:		Undetermined				
Title:		Final Phase II ESA, Kakaako Parking Garage, Honolulu HI Contract No DACA83-03-D-0023, Delivery Order No 0004, Jan 2009				
Imported From:		\\facilitysite documents\media59371\Figures\PDFs\FIG7-1_NEAR_GRO.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 2, 1995				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			55201			
Type:			Undetermined			
Title:			Receipt of Reports			
Imported From:			112667#\Heersharepoint1\facilitiesite%20documents\112667.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 15, 2009			
Document No:			16618			
Type:			Undetermined			
Title:			Remediation/Capping and Interim Surface Parking at Kakaako Makai			
Imported From:			61317#\Heersharepoint1\facilitiesite%20documents\61317.pdf			
<u>iHEER System - Documents</u>						
Date :			May 11, 2005			
Document No:			55199			
Type:			Undetermined			
Title:			Review of Kakaako Phase I Parking Garage			
Imported From:			2005-253#Q:\2005 Final Correspondence (Day File)\05-253-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 17, 2010			
Document No:			55145			
Type:			Undetermined			
Title:			Review of the Community of the Piano Lot Community Concept Design			
Imported From:			2010-356#Q:\2010 Final Correspondence (Day File)\10-356-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 11, 2006			
Document No:			55207			
Type:			Undetermined			
Title:			Review/Comments for the revised Phase I, Parking Garage/ Mixed Use Site, Kakaako Makai District			
Imported From:			2006-007#Q:\2006 Final Correspondence (Day File)\06-007-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 12, 2009			
Document No:			55202			
Type:			Undetermined			
Title:			Testimony of the Planned Interim Remediation Measures for Portions of the Kakaako Makai District			
Imported From:			2009-683#Q:\2009 Final Correspondence (Day File)\09-683-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 1993			
Document No:			55200			
Type:			Undetermined			
Title:			Various City Locations UST Closure Report			
Imported From:			112669#\Heersharepoint1\facilitiesite%20documents\112669.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 20, 2005			
Document No:			55209			
Type:			Undetermined			
Title:			Work Plan Phase I, Parking Garage, Kakaako Makai District, Honolulu HI			
Imported From:			38447#\Heersharepoint1\facilitiesite%20documents\38447.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 30, 2005
Document No: 55208
Type: Undetermined
Title: Work Plan Phase I, Parking Garage/Mixed Use Site, Kakaako Makai District, Honolulu HI
Imported From: 38448#\Heersharepoint1\facilitiesite%20documents\38448.pdf

iHEER System - Documents

Date : May 11, 2010
Document No: 55144
Type: Undetermined
Title: Clarification on the Proposed Interim Remedial Alternative for Unit 1 and Unit 3 (Piano Lot)
Imported From: 63507#\Heersharepoint1\facilitiesite%20documents\63507.pdf

iHEER System - Locations Details

Locations ID: 1234
Location Type: SC
Description: Kakaako Makai Unit 1 & 3
Comment : Merged TMK polygon centroid; TMKs 121060004,121060005, 121060006, 121060017;
Centroid: POINT (-157.861 21.293699999999998)
Geometry:

POINT (-157.861 21.293699999999998)

Site Details

Centroid: POINT (-157.861 21.293699999999998)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.293699999999998,-157.861

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 3

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Brownfields Funded

206	1 of 2	NW	0.61 / 3,234.09	3.28 / 0	Young Brothers Piers 24-28 705 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2652
Site Name (Public iHEER): Young Brothers Piers 24-28
Aliases (Public iHEER): Brownfields Medium Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding
Street (Public iHEER): 705 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 7/9/2020 10:53:20 AM
Ms Access ID (Public iHEER): 998
Suppl Loc (Public iHEER): 705 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115038001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2652
Site Name (PORTAL): Young Brothers Piers 24-28
Loc Desc (PORTAL): 705 N Nimitz Hwy
Address (PORTAL): 705 N Nimitz Hwy
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2652/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Feb 7, 1995
Document No: 55006
Type: Undetermined
Title: 2/7/1995
Imported From: 100#\Heersharepoint1\facilitiesite%20documents\100.pdf

iHEER System - Documents

Date : Mar 12, 1996
Document No: 55019
Type: Undetermined
Title: 3/12/1996
Imported From: 117#\Heersharepoint1\facilitiesite%20documents\117.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 22, 1992			
Document No:			182040			
Type:			Undetermined			
Title:			Addendum to Interim Safety Recommendations and Results of Air Sampling			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 1, 1999			
Document No:			182057			
Type:			Undetermined			
Title:			Clayton Project No 85-00027.02			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 7, 1996			
Document No:			182036			
Type:			Undetermined			
Title:			Email Correspondence : Oil Spill, Pier 28-29			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 13, 1999			
Document No:			55021			
Type:			Undetermined			
Title:			Excavation and Remediation of Hydrocarbon-Impacted Soil Piers 24 and 28, Nimitz Hwy, Honolulu HI			
Imported From:			40243#\Heersharepoint1\facilitiesite%20documents\40243.pdf			
<u>iHEER System - Documents</u>						
Date :			May 12, 2000			
Document No:			182034			
Type:			Undetermined			
Title:			Former Operations Area Located at Pier 28, Honolulu Harbor, Young Brothers Limited			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 13, 1999			
Document No:			55020			
Type:			Undetermined			
Title:			Young Brothers Ltd			
Imported From:			1513#\Heersharepoint1\facilitiesite%20documents\1513.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 15, 1999			
Document No:			55031			
Type:			Undetermined			
Title:			Young Brothers Ltd			
Imported From:			1515#\Heersharepoint1\facilitiesite%20documents\1515.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 23, 2001			
Document No:			55013			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Freedom of Information Act Request Concerning Property Located in the Honolulu Harbor Area, Oahu HI				
Imported From:		518#\Heersharepoint1\facilitiesite%20documents\518.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 26, 1992				
Document No:		182041				
Type:		Undetermined				
Title:		Gas Explosion Incident Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 15, 1992				
Document No:		182050				
Type:		Undetermined				
Title:		Harbor Division Conference Meeting Notes				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 15, 1992				
Document No:		182049				
Type:		Undetermined				
Title:		Harbors Division Conference Attendance Sheet				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 15, 1994				
Document No:		55024				
Type:		Undetermined				
Title:		Health and Safety Plan for Pacific Environmental Corporation at Pier 26 Vicinity of 701 N Nimitz Hwy, Honolulu Harbor, Honolulu HI				
Imported From:		40245#\Heersharepoint1\facilitiesite%20documents\40245.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 8, 1996				
Document No:		55011				
Type:		Undetermined				
Title:		Honolulu Harbor - Iwilei Contamination Project				
Imported From:		590#\Heersharepoint1\facilitiesite%20documents\590.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 18, 2000				
Document No:		55012				
Type:		Undetermined				
Title:		Honolulu Harbor Contaminated Area - Iwilei Section Young Brothers				
Imported From:		603#\Heersharepoint1\facilitiesite%20documents\603.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 18, 1995				
Document No:		55028				
Type:		Undetermined				
Title:		Honolulu Harbor meeting with PRPs 1/24/96				
Imported From:		47473#\Heersharepoint1\facilitiesite%20documents\47473.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 16, 1995
Document No: 55030
Type: Undetermined
Title: Honolulu Harbor: Meeting Invite: 03/03/95
Imported From: 47196#\Heersharepoint1\facilitiesite%20documents\47196.pdf

iHEER System - Documents

Date : Jan 23, 1995
Document No: 55029
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1995
Imported From: 47197#\Heersharepoint1\facilitiesite%20documents\47197.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 55025
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From: 49010#\Heersharepoint1\facilitiesite%20documents\49010.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 55027
Type: Request for Information
Title: Honolulu Harbor: Request for Information 2000
Imported From: 49431#\Heersharepoint1\facilitiesite%20documents\49431.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 55023
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 49430#\Heersharepoint1\facilitiesite%20documents\49430.pdf

iHEER System - Documents

Date : Jan 30, 1996
Document No: 55022
Type: Undetermined
Title: meeting 3/14/96
Imported From: 47492#\Heersharepoint1\facilitiesite%20documents\47492.pdf

iHEER System - Documents

Date : May 26, 1993
Document No: 182052
Type: Undetermined
Title: Meeting Minutes for Subsurface Hydrocarbons at Piers 24-29
Imported From:

iHEER System - Documents

Date : Dec 22, 1992
Document No: 182038

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Mild Explosions; Pier 26-29 Honolulu Harbor				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 12, 1999				
Document No:		55009				
Type:		Undetermined				
Title:		Phase I ESA of Piers 24 through 29 (por) of TMK 1-1-5-038 (32 parcels), Honolulu HI				
Imported From:		40242#\Heersharepoint1\facilitiesite%20documents\40242.pdf				
<u>iHEER System - Documents</u>						
Date :		182055				
Document No:		Undetermined				
Type:		Pier 26 Leaching				
Title:						
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 5, 1993				
Document No:		182045				
Type:		Undetermined				
Title:		Pipeline Testing Results				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 1994				
Document No:		182043				
Type:		Undetermined				
Title:		Potential Sources of Explosive Vapors at Pier 26, Honolulu, Hawaii & Air Sample Results				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 29, 1995				
Document No:		55008				
Type:		Undetermined				
Title:		Preliminary Site Investigation Young Brothers High-Lift Maintenance Facility Pier 24, Nimitz Hwy, Honolulu HI				
Imported From:		40239#\Heersharepoint1\facilitiesite%20documents\40239.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 11, 1995				
Document No:		55007				
Type:		Undetermined				
Title:		Preliminary Site Investigation Young Brothers Storage Yard Pier 28, Nimitz Hwy, Honolulu HI				
Imported From:		40244#\Heersharepoint1\facilitiesite%20documents\40244.pdf				
<u>iHEER System - Documents</u>						
Date :		182054				
Document No:		Undetermined				
Type:		Preliminary Site Safety Plan to Evaluate the Nature and Extent of the Contamination Causing the Electrical Pedistals to Explode				
Title:						
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 31, 2023
Document No: 203523
Type: CEHMP
Title: Project-Specific Construction EHMP (C-EHMP) for Blast and Paint Building Pacific Shipyards International Piers 24 and 25 Improvements
Imported From:

iHEER System - Documents

Date : Jun 28, 1999
Document No: 182032
Type: Undetermined
Title: RE : Request for Soil Vapor Sampling at Pier 26
Imported From:

iHEER System - Documents

Date : Sep 15, 2000
Document No: 182033
Type: Undetermined
Title: RE : Supplement to Response to letter of July 13, 2000
Imported From:

iHEER System - Documents

Date : Jul 16, 1999
Document No: 182048
Type: Undetermined
Title: Request for Public Record
Imported From:

iHEER System - Documents

Date : Feb 1, 1993
Document No: 182047
Type: Undetermined
Title: Results of Explosive Vapor Monitoring, November 23, 1992 through January 16, 1993
Imported From:

iHEER System - Documents

Date : Aug 11, 2000
Document No: 171496
Type: Undetermined
Title: Site Survey Summary Sheet for DERP-FUDS Site No. H09HI0283000 Piers 24, 25 and 26, Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Oct 19, 1993
Document No: 55026
Type: Undetermined
Title: Specifications and Proposal for Vapor Extraction System at Pier 26, Honolulu HI
Imported From: 40246#\Heersharepoint1\facilitysite%20documents\40246.pdf

iHEER System - Documents

Date : Dec 10, 1992

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			182039			
Type:			Undetermined			
Title:			Subsurface Hydrocarbon Study at Piers 24-29 Honolulu, Hawaii Job H.C. 1829			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 4, 2000			
Document No:			55010			
Type:			Undetermined			
Title:			Subsurface Investigation and Soil and Sandblast Grit Disposal Report at Pier 28, Honolulu Harbor, Honolulu HI			
Imported From:			40241#\Heersharepoint1\facilitsite%20documents\40241.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 17, 1992			
Document No:			182046			
Type:			Undetermined			
Title:			Timeline of Events : October 1992-March 1994			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1993			
Document No:			55014			
Type:			Undetermined			
Title:			Vapor Extraction System at Pier 26, Honolulu			
Imported From:			\facilitsite documents\media127238\127238-3.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1993			
Document No:			55016			
Type:			Undetermined			
Title:			Vapor Extraction System at Pier 26, Honolulu			
Imported From:			\facilitsite documents\media127238\127238-2.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1993			
Document No:			55018			
Type:			Undetermined			
Title:			Vapor Extraction System at Pier 26, Honolulu			
Imported From:			\facilitsite documents\media127238\127238-4.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1993			
Document No:			55015			
Type:			Undetermined			
Title:			Vapor Extraction System at Pier 26, Honolulu			
Imported From:			\facilitsite documents\media127238\127238-5.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1993			
Document No:			55017			
Type:			Undetermined			
Title:			Vapor Extraction System at Pier 26, Honolulu			
Imported From:			\facilitsite documents\media127238\127238-1.PDF			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 27, 1999
Document No: 182035
Type: Undetermined
Title: Vapor Extraction System at Pier 26, Honolulu Harbor Job H.C. 1887
Imported From:

iHEER System - Locations Details

Locations ID: 1226
Location Type: SC
Description: Pier 28
Comment : EPO; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.87000000000003 21.308899999999998)
Geometry:

POINT (-157.87000000000003 21.308899999999998)

iHEER System - Locations Details

Locations ID: 2318
Location Type: SC
Description: 705 N Nimitz LatLong
Comment :
Centroid: POINT (-157.870483 21.312418999999995)
Geometry:

POINT (-157.870483 21.312418999999995)

iHEER System - Locations Details

Locations ID: 3812
Location Type: SB
Description: DERP-FUDS H09HI028300
Comment :
Centroid: POINT (-157.87073831322172 21.310983625023361)
Geometry:

POLYGON ((-157.87087181928831 21.312073170400623, -157.8716442954773 21.311083648108351, -157.87104348066461 21.31063386304432, -157.8697077405713 21.309789262924564, -157.8696809184849 21.309864227628211, -157.87032464864839 21.310868750971675, -157.87066797140105 21.311908250481974, -157.87066797140105 21.311913248057305, -157.87087181928831 21.312073170400623))

Site Details

Centroid: POINT (-157.87000000000003 21.308899999999998)
Updated On: 7/9/2020 10:53:20 AM
Coordinates: 21.308899999999998,-157.87000000000003

Site Details

Centroid: POINT (-157.870483 21.312418999999995)
Updated On: 7/9/2020 10:53:20 AM
Coordinates: 21.312418999999995,-157.870483

iHEER System - Aliases

Name: Pacific Shipyards International

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:					Honolulu Harbor Iwilei Unit	
<u>iHEER System - Aliases</u>						
Name:					Pier 25	
<u>iHEER System - Aliases</u>						
Name:					Honolulu Harbor	
<u>iHEER System - Aliases</u>						
Name:					Pier 26	
<u>iHEER System - Aliases</u>						
Name:					Blast and Paint Building	
<u>iHEER System - Aliases</u>						
Name:					Honolulu Harbor Iwilei District Participating Parties	
<u>iHEER System - Aliases</u>						
Name:					Pier 24	
<u>iHEER System - Aliases</u>						
Name:					Pier 27	
<u>iHEER System - Aliases</u>						
Name:					Pier 28	
<u>iHEER System - Aliases</u>						
Name:					Brownfields Medium Priority Site	
<u>iHEER System - Aliases</u>						
Name:					SLR 3.2ft Flooding	

206	2 of 2	NW	0.61 / 3,234.09	3.28 / 0	Hawaiian Tug & Barge Corporation 705 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2630
Site Name (Public iHEER): Hawaiian Tug & Barge Corporation
Aliases (Public iHEER): Brownfields Low Priority Site, Dillingham Tug and Barge, Pier 26, Honolulu Harbor, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding
Street (Public iHEER): 705 N Nimitz Hwy
City (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		1/20/2020 5:45:37 PM				
Ms Access ID (Public iHEER):		361				
Suppl Loc (Public iHEER):		705 N Nimitz Hwy				
Tax Map Keys (Public iHEER):		115039034				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2630				
Site Name (PORTAL):		Hawaiian Tug & Barge Corporation				
Loc Desc (PORTAL):		705 N Nimitz Hwy				
Address (PORTAL):		705 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		UNREVIEWED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2630/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date :
Document No: 33807
Type: Undetermined
Title: HEER Correspondence and Forms
Imported From: 114523#\Heersharepoint1\facilitiesite%20documents\114523.pdf

iHEER System - Documents

Date : Aug 25, 1997
Document No: 33806
Type: Undetermined
Title: PRP Correspondence
Imported From: 114526#\Heersharepoint1\facilitiesite%20documents\114526.pdf

iHEER System - Documents

Date : Mar 16, 1972
Document No: 33805
Type: Undetermined
Title: State of Hawaii Department of Treasury and Regulation Hawaiian Tug and Barge Articles of Incorporation
Imported From: 114527#\Heersharepoint1\facilitiesite%20documents\114527.pdf

iHEER System - Locations Details

Locations ID: 950
Location Type: SC
Description: Pier 21
Comment : Google Earth
Centroid: POINT (-157.869061 21.31015299999993)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Geometry:

POINT (-157.869061 21.310152999999993)

Site Details

Centroid: POINT (-157.869061 21.310152999999993)
Updated On: 1/20/2020 5:45:37 PM
Coordinates: 21.310152999999993,-157.869061

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Dillingham Tug and Barge, Pier 26

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: SLR 3.2ft Flooding

207	1 of 1	SE	0.62 / 3,248.19	3.28 / 0	848 Ilaniwai Street 848 Ilaniwai Street Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 2373
Site Name (Public iHEER): 848 Ilaniwai Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Former Lee's Garage, HEER Case No. 20150708-0928, UST Facility ID 9-102532
Street (Public iHEER): 848 Ilaniwai Street
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/5/2021 11:37:22 AM
Ms Access ID (Public iHEER): 2494
Suppl Loc (Public iHEER): 848 Ilaniwai Street, Honolulu, HI 96814
Tax Map Keys (Public iHEER): 121050019
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2373
Site Name (PORTAL): 848 Ilaniwai Street

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Loc Desc (PORTAL):					848 Ilaniwai Street, Honolulu, HI 96814	
Address (PORTAL):					848 Ilaniwai Street Honolulu, HI 96814	
County (PORTAL):					Honolulu	
Island (PORTAL):					Oahu	
Status (PORTAL):					NFA W/ICS	
Priority (PORTAL):					Unranked	
Lead Agency (PORTAL):					HEER Office	
Program (PORTAL):					State	
Assigned Rpm (PORTAL):					—	
Details URL (PORTAL):					https://eha-cloud.doh.hawaii.gov/iheer/#/site/2373/details/view	
Data Source(s):					iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)	

iHEER System - Documents

Date : Jul 21, 2015
Document No: 153995
Type: Review Letter
Title: 3rd Party Review of Environmental Documents and Request for Hawaii Department of Health
Imported From: media115303\848 Ilaniwai July 21.pdf

iHEER System - Documents

Date : Aug 10, 2015
Document No: 153999
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action determination for the Former Lee's Garage at 848 Ilaniwai St, Honolulu HI, 96813, TMK 1-2-1-059-019
Imported From: 15-476-JQN.pdf

iHEER System - Documents

Date : Oct 21, 2013
Document No: 153998
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, TMK 1-2-1-050-019, 848 Ilaniwai St, Honolulu HI 96813, MNA Project 01701_5, Oct 21, 2013
Imported From: 115358.pdf

iHEER System - Documents

Date : Apr 3, 2015
Document No: 154000
Type: Phase II Environmental Site Assessment
Title: Phase II ESA and Site Cleanup Report for TMK 1-2-1-050-019, 848 Ilaniwai St, Honolulu, Island of Oahu 96813
MNA Project 01701_5 Apr 3, 2015
Imported From: 115359.pdf

iHEER System - Documents

Date : Jul 30, 2015
Document No: 153991
Type: Undetermined
Title: Release ID 2015 0708 0928, 848 Ilaniwai St, TMK 1-2-1-050-019, Documentation for 858 Ilaniwai St, Honolulu HI 96813
Imported From: media115303\GPR Report.pdf

iHEER System - Documents

Date : Jul 18, 2015
Document No: 153994
Type: Phase I Environmental Site Assessment
Title: Release ID 2015 0708 0928, 848 Ilaniwai St, TMK 1-2-1-050-019, Documentation for 858 Ilaniwai St, Honolulu HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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96813
Imported From: media115303\15-1038 Phase I Final 848 Ilaniwai Street.pdf

iHEER System - Documents

Date : Nov 12, 2008
Document No: 153996
Type: Hazardous Substance Written Follow-Up Notification
Title: Release ID 2015 0708 0928, 848 Ilaniwai St, TMK 1-2-1-050-019, Documentation for 858 Ilaniwai St, Honolulu HI 96813
Imported From: media115303\hdohguidelinesandformforreleasenotification-signed.pdf

iHEER System - Documents

Date : Jul 20, 2015
Document No: 153997
Type: Undetermined
Title: SHWB Records Review
Imported From: 115360.pdf

iHEER System - Locations Details

Locations ID: 2862
Location Type: SC
Description: Site Based on Address
Comment : Google Earth
Centroid: POINT (-157.85569 21.298506999999987)
Geometry:

POINT (-157.85569 21.298506999999987)

iHEER System - Locations Details

Locations ID: 8388
Location Type: SB
Description: TMK 121050019
Comment :
Centroid: POINT (-157.85573662801121 21.298466366631789)
Geometry:

POLYGON ((-157.85565915459526 21.298600713069884, -157.85589518899337 21.298428280974683, -157.85581740493288 21.298330819266482, -157.85557600611935 21.298505750491724, -157.85565915459526 21.298600713069884))

Site Details

Centroid: POINT (-157.85569 21.298506999999987)
Updated On: 2/5/2021 11:37:22 AM
Coordinates: 21.298506999999987,-157.85569

iHEER System - Aliases

Name: Former Lee's Garage

iHEER System - Aliases

Name: UST Facility ID 9-102532

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: HEER Case No. 20150708-0928

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

208	1 of 1	NW	0.62 / 3,257.51	3.28 / 0	Zippy's Nimitz 634 N Nimitz Hwy Honolulu HI 96781	SHWS
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iHEER ID (Public iHEER): 1225
Site Name (Public iHEER): Zippy's Nimitz
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, Zippy's 634 N Nimitz Highway
Street (Public iHEER): 634 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96781
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/1/2022 3:34:02 PM
Ms Access ID (Public iHEER): 1254
Suppl Loc (Public iHEER): 634 N Nimitz Hwy, 666 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115013013, 115013019
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1225
Site Name (PORTAL): Zippy's Nimitz
Loc Desc (PORTAL): 634 N Nimitz Hwy, 666 N Nimitz Hwy
Address (PORTAL): 634 N Nimitz Hwy
Honolulu, HI 96781
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer#!/site/1225/details/view
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Oct 14, 2009
Document No: 4012
Type: Undetermined
Title: Response to Comments on Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd 666 and 634 N Nimitz Hwy, Version 1, WBS 3.1.5, Jul 9, 2009
Imported From: 61293#\Heersharepoint1\facilitiesite%20documents\61293.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Feb 1, 2010			
Document No:			14023			
Type:			Undetermined			
Title:			Response to Comments, Feb 1, 2010 - Nov 17, 2009 DOH Comments on Oct 14, 2009 Response to Comments on Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd 666 and 634 N Nimitz Hwy, Version 1			
Imported From:			62330#\Heersharepoint1\facilitiesite%20documents\62330.pdf			
<u>iHEER System - Documents</u>						
Date :			May 21, 2010			
Document No:			68043			
Type:			Undetermined			
Title:			Response to DOH Letter, Apr 19, 2010			
Imported From:			91196#\Heersharepoint1\facilitiesite%20documents\91196.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2012			
Document No:			68053			
Type:			Undetermined			
Title:			Response to Letter, Oct 8, 2012, Re: No Further Action Unrestricted Site Closure for 634 and 666 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-013-013 and 019			
Imported From:			2012-580#Q:\2012 Final Correspondence (Day File)\12-580-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 31, 2018			
Document No:			68020			
Type:			Undetermined			
Title:			Review of DRAFT Environmental Hazard Management Plan, Zippy's Restaurant Property, 634 N Nimitz Highway (TMK [1] 1-5-013: Parcels 013 and 019), Honolulu, Oahu, Hawaii			
Imported From:			2018-258#Q:\2018 Final Correspondence (Day File)\18-258 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 31, 2018			
Document No:			68016			
Type:			Undetermined			
Title:			Revised Environmental Hazard Management Plan, Zippy's Restaurant Property, 634 N Nimitz Hwy, Honolulu Hawaii and Comment Responses			
Imported From:			132891#\Heersharepoint1\facilitiesite%20documents\132891.pdf			
<u>iHEER System - Documents</u>						
Date :			May 26, 2011			
Document No:			3995			
Type:			Undetermined			
Title:			RTC SPH Recovery and OU1C and Contiguous OU3 Rebound Evaluation			
Imported From:			95223#\Heersharepoint1\facilitiesite%20documents\95223.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 2, 2009			
Document No:			13635			
Type:			Undetermined			
Title:			Soil Management Plan Grease Interceptor Replacement Project, Zippy's Restaurant Property, 666 N Nimitz Hwy (TMK 1-1-5-013-013 and 019), Honolulu HI, Oct 2, 2009			
Imported From:			61159#\Heersharepoint1\facilitiesite%20documents\61159.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Oct 2, 2009			
Document No:			68027			
Type:			Undetermined			
Title:			Soil Management Plan Grease Interceptor Replacement Project, Zippy's Restaurant Property, 666 N Nimitz Hwy (TMK 1-1-5-013-013 and 019), Honolulu HI, Oct 2, 2009			
Imported From:			61161#\Heersharepoint1\facilitiesite%20documents\61161.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 25, 2008			
Document No:			68051			
Type:			Undetermined			
Title:			Transect Borings - Drilling and field sampling program for TB-12 and TB-36 at Zippy's			
Imported From:			7909#\Heersharepoint1\facilitiesite%20documents\7909.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 29, 2018			
Document No:			68021			
Type:			Undetermined			
Title:			Unresponsiveness to Letter Subject: Review of: Environmental hazard Management Plan, Zippy's Restaurant Property, dated Sep 12, 2014			
Imported From:			2018-192#Q:\2018 Final Correspondence (Day File)\18-192 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2006			
Document No:			68012			
Type:			Undetermined			
Title:			Zippy's, 666 N Nimitz Hwy State Site Discovery Effort			
Imported From:			2006-724#Q:\2006 Final Correspondence (Day File)\06-724-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 21, 2011			
Document No:			68057			
Type:			Undetermined			
Title:			634 and 666 N Nimitz Hwy Continued SPH Recovery and OU1C and Contiguous OU3 Rebound Evaluation, Version A, WBS 3.1.5, Interim Remedial Measures Program: SPH Recovery and Monitoring, Jan 21, 2011 prepared by URS Corporation			
Imported From:			94178#\Heersharepoint1\facilitiesite%20documents\94178.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 4, 2009			
Document No:			5162			
Type:			Undetermined			
Title:			666 & 634 N Nimitz Hwy, Soil Gas Investigation			
Imported From:			60014#\Heersharepoint1\facilitiesite%20documents\60014.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 4, 2009			
Document No:			68036			
Type:			Undetermined			
Title:			666 & 634 N Nimitz Hwy, Tables/Figures/Lab Data Version A, Jun 4, 2009			
Imported From:			\facilitiesite documents\media60015\Sample Location Figures.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 4, 2009
Document No: 68035
Type: Undetermined
Title: 666 & 634 N Nimitz Hwy, Tables/Figures/Lab Data Version A, Jun 4, 2009
Imported From: \facilitysite documents\media60015\Data Tables.pdf

iHEER System - Documents

Date : Jun 4, 2009
Document No: 68037
Type: Undetermined
Title: 666 & 634 N Nimitz Hwy, Tables/Figures/Lab Data Version A, Jun 4, 2009
Imported From: \facilitysite documents\media60015\Lab Data and Validation Reports.pdf

iHEER System - Documents

Date : Jul 10, 2014
Document No: 19200
Type: Undetermined
Title: 666 N Nimitz Highway EHMP
Imported From: 110359#\Heersharepoint1\facilitysite%20documents\110359.pdf

iHEER System - Documents

Date : Sep 10, 2007
Document No: 68030
Type: Undetermined
Title: Access to property for cleanup activities
Imported From: 2007-641#Q:2007 Final Correspondence (Day File)\07-641-CAC.pdf

iHEER System - Documents

Date : Sep 24, 2018
Document No: 68029
Type: Letter from PRP
Title: Comments IDPP Re Environmental Hazard Management Plan Zippy's Restaurant, 634 N Nimitz Highway and Discussion with Steve Mow
Imported From: 135442#\Heersharepoint1\facilitysite%20documents\135442.pdf

iHEER System - Documents

Date : Oct 6, 2009
Document No: 68050
Type: Undetermined
Title: Comments on "Soil Management Plan, Grease Interceptor Replacement Project, ", Oct 2, 2009, prepared for the Zippy's Restaurant Property, by Bureau Veritas North America Inc
Imported From: 2009-649#Q:2009 Final Correspondence (Day File)\09-649-AF.pdf

iHEER System - Documents

Date : Aug 31, 2018
Document No: 68018
Type: Undetermined
Title: Zippy's – Draft EHMP for Nimitz Property
Imported From: \facilitysite documents\media132872\2018-8-31 Comment_Response Ltr Zippys EHMP.pdf

iHEER System - Documents

Date : Aug 31, 2018
Document No: 68017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Zippy's – Draft EHMP for Nimitz Property				
Imported From:		\\facilitysite documents\media132872\2018-8-31 Zippys Nimitz - Draft Rev EHMP Canty.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 31, 2018				
Document No:		68019				
Type:		Undetermined				
Title:		Zippy's – Draft EHMP for Nimitz Property				
Imported From:		\\facilitysite documents\media132872\Memo Style.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 2009				
Document No:		68026				
Type:		Undetermined				
Title:		Comments on revised "Soil Management Plan, Grease Interceptor Replacement Project," Oct 4, 2009				
Imported From:		2009-668#Q:\2009 Final Correspondence (Day File)\09-668-AF.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2011				
Document No:		68048				
Type:		Undetermined				
Title:		Documentation of Agreements on OU1C/OU3 SPH Rebound - 634 and 666 N Nimitz Hwy, Oct 31, 2011				
Imported From:		\\facilitysite documents\media96621\1-21-11 SPH Contd Rcvy Rbd Eval Ver1 .pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2011				
Document No:		68047				
Type:		Undetermined				
Title:		Documentation of Agreements on OU1C/OU3 SPH Rebound - 634 and 666 N Nimitz Hwy, Oct 31, 2011				
Imported From:		\\facilitysite documents\media96621\96621.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2011				
Document No:		68049				
Type:		Undetermined				
Title:		Documentation of Agreements on OU1C/OU3 SPH Rebound - 634 and 666 N Nimitz Hwy, Oct 31, 2011				
Imported From:		\\facilitysite documents\media96621\4-6-11 DOH Comment on SPH Contd Rcvy Rbd Eval V1.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 16, 2011				
Document No:		68034				
Type:		Undetermined				
Title:		Documentation of Agreements on OU1C/OU3 SPH Rebound: 634 and 666 N Nimitz Hwy, Oct 31, 2011				
Imported From:		2011-668#Q:\2011 Final Correspondence (Day File)\11-668-KO.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 22, 2011				
Document No:		14923				
Type:		Undetermined				
Title:		Documentation of Agreements on OU1C/OU3 SPH Rebound: 634 and 666 N Nimitz Hwy, Oct 31, 2011				
Imported From:		97126#\Heersharepoint1\facilitysite%20documents\97126.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 14, 2011			
Document No:			68054			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound: 634 and 666 N Nimitz Hwy, Oct 31, 2011 ("Documentation of Agreements")			
Imported From:			97003#\Heersharepoint1\facilitiesite%20documents\97003.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 10, 2008			
Document No:			13048			
Type:			Undetermined			
Title:			Documents for Zippy's Meeting			
Imported From:			8382#\Heersharepoint1\facilitiesite%20documents\8382.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 10, 2008			
Document No:			68023			
Type:			Undetermined			
Title:			Documents for Zippy's Meeting			
Imported From:			8380#\Heersharepoint1\facilitiesite%20documents\8380.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2009			
Document No:			13882			
Type:			Undetermined			
Title:			Draft Iwilei District 666 N Nimitz Hwy 60% Remedial Design Report, Ver 1.0, WBS 3.6.6			
Imported From:			59027#\Heersharepoint1\facilitiesite%20documents\59027.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2009			
Document No:			68046			
Type:			Undetermined			
Title:			Draft Iwilei District 666 N Nimitz Hwy 60% Remedial Design Report, Ver 1.0, WBS 3.6.6, Feb 20, 2009			
Imported From:			59028#\Heersharepoint1\facilitiesite%20documents\59028.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 4, 2008			
Document No:			68055			
Type:			Undetermined			
Title:			Due Dates for Reviews			
Imported From:			2008-828#Q:\2008 Final Correspondence (Day File)\08-828-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 21, 2019			
Document No:			68024			
Type:			Environmental Hazard Management Plan			
Title:			Environmental Hazard Management Plan – Technical comments Zippy's Restaurant, 634 N Nimitz Hwy			
Imported From:			135167#\Heersharepoint1\facilitiesite%20documents\135167.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 2018			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			68028			
Type:			Undetermined			
Title:			Environmental Hazard Management Plan Zippy's Restaurant, 634 N Nimitz Hwy			
Imported From:			133710#\Heersharepoint1\facilitiesite%20documents\133710.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 23, 2010			
Document No:			12021			
Type:			Undetermined			
Title:			Excavation and Disposal Report, Grease Interceptor Replacement Project, Zippy's Restaurant Property 634 N Nimitz Hwy, Honolulu HI, Aug 9, 2010			
Imported From:			92679#\Heersharepoint1\facilitiesite%20documents\92679.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 23, 2010			
Document No:			68041			
Type:			Undetermined			
Title:			Excavation and Disposal Report, Grease Interceptor Replacement Project, Zippy's Restaurant Property 634 N Nimitz Hwy, Honolulu HI, Aug 9, 2010			
Imported From:			92680#\Heersharepoint1\facilitiesite%20documents\92680.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2018			
Document No:			68022			
Type:			Letter from PRP			
Title:			FCH Enterprises, Inc. - Environmental Hazard Management Plan for Zippy's Restaurant Property at 634 N Nimitz Hwy			
Imported From:			133709#\Heersharepoint1\facilitiesite%20documents\133709.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 23, 2011			
Document No:			68058			
Type:			Undetermined			
Title:			HDOH comments on "634 and 666 N Nimitz Hwy Continued SPH Recovery and OU1C and Contiguous OU3 Rebound Evaluation, Version 1, WBS 3.1.5 Interim Remedial Measures Program: SPH Recovery and Monitoring, " 2011-104#Q:\2011 Final Correspondence (Day File)\11-104-KO.pdf			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 24, 2010			
Document No:			68044			
Type:			Undetermined			
Title:			HDOH comments on "Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd, 666 and 634 N Nimitz Hwy, Version 2, WBS 3.1.5"			
Imported From:			2010-191#Q:\2010 Final Correspondence (Day File)\10-191-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 27, 2011			
Document No:			68032			
Type:			Undetermined			
Title:			HDOH comments on "Response to Apr 6, 2011 DOH comments on 634 and 666 N Nimitz Hwy Continued SPH Recovery and OU1C and Contiguous OU3 Rebound Evaluation			
Imported From:			2011-349#Q:\2011 Final Correspondence (Day File)\11-349-KO.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 23, 2010			
Document No:			68039			
Type:			Undetermined			
Title:			IDPP Access to 634 N Nimitz Hwy, Honolulu HI 96817			
Imported From:			91818#\Heersharepoint1\facilitiesite%20documents\91818.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 21, 2012			
Document No:			68033			
Type:			Undetermined			
Title:			IDPP Draft Iwilei District 634 & 666 N Nimitz EHMP			
Imported From:			135444#\Heersharepoint1\facilitiesite%20documents\135444.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 2, 2008			
Document No:			68011			
Type:			Undetermined			
Title:			Letter addressing the differences between the Honolulu Harbor Iwilei District Participating Parties' OU1C and OU2 Work Plan compared to the John Rau of Bureau Veritas Work Plan for Soil Gas studies on the Zippy's property			
Imported From:			2008-003#Q:\2008 Final Correspondence (Day File)\08-003-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 29, 2008			
Document No:			68014			
Type:			Undetermined			
Title:			LOI			
Imported From:			2008-719#Q:\2008 Final Correspondence (Day File)\08-719-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 6, 2016			
Document No:			68031			
Type:			Undetermined			
Title:			Map for Zippy's 634 N Nimitz Hwy			
Imported From:			120667#\Heersharepoint1\facilitiesite%20documents\120667.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 2012			
Document No:			68052			
Type:			Undetermined			
Title:			No Further Action Unrestricted Site Closure for 634 and 666 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-013-013, and 019			
Imported From:			101078#\Heersharepoint1\facilitiesite%20documents\101078.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 9, 2009			
Document No:			5278			
Type:			Undetermined			
Title:			Phase 2 Soil Gas Investigation Report			
Imported From:			60253#\Heersharepoint1\facilitiesite%20documents\60253.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2009			
Document No:			68040			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd, 666 and 634 N Nimitz Hwy Version 1 WBS 3.1.5, Jul 9, 2009 prepared by URS Corporation	
Imported From:					61613#\Heersharepoint1\facilitsite%20documents\61613.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 13, 2009	
Document No:					5327	
Type:					Undetermined	
Title:					Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd, 666 and 634 N Nimitz Hwy Version 1 WBS 3.1.5, Jul 9, 2009 prepared by URS Corporation	
Imported From:					61612#\Heersharepoint1\facilitsite%20documents\61612.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2010	
Document No:					68059	
Type:					Undetermined	
Title:					Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd, 666 and 634 N Nimitz Hwy, Version 2, WBS 3.1.5, Feb 19, 2010 prepared by URS Corporation	
Imported From:					62521#\Heersharepoint1\facilitsite%20documents\62521.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2010	
Document No:					5284	
Type:					Undetermined	
Title:					Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd, 666 and 634 N Nimitz Hwy, Version 2, WBS 3.1.5, Feb 19, 2010 prepared by URS Corporation	
Imported From:					\facilitsite documents\media62520\20140828114437846.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 9, 2009	
Document No:					68025	
Type:					Undetermined	
Title:					Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise Ltd. 666 and 634 N Nimitz Hwy Version 1 WBS 3.1.5, Jul 9, 2009: prepared by URS Corporation	
Imported From:					60254#\Heersharepoint1\facilitsite%20documents\60254.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 3, 2008	
Document No:					68015	
Type:					Undetermined	
Title:					Property Access for Well Installation and Soil Sampling	
Imported From:					2008-006#Q:\2008 Final Correspondence (Day File)\08-006-CAC.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 30, 2007	
Document No:					68010	
Type:					Undetermined	
Title:					Proposed Scope of Work for Soil Gas and Indoor Air Quality Sampling Zippy's Restaurant Property 666 N Nimitz Hwy (TMK 1-1-5-013-013 and 019), Honolulu HI	
Imported From:					40255#\Heersharepoint1\facilitsite%20documents\40255.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 21, 2011	
Document No:					3918	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
Title: Rebound Evaluation of IRM Program
Imported From: 94177#\Heersharepoint1\facilitiesite%20documents\94177.pdf

iHEER System - Documents

Date : Nov 3, 2008
Document No: 68013
Type: Undetermined
Title: Recommendation for Action
Imported From: 2008-742#Q:2008 Final Correspondence (Day File)\08-742-AF.pdf

iHEER System - Documents

Date : Sep 28, 2007
Document No: 68042
Type: Undetermined
Title: Request for Access (634 N Nimitz Hwy)
Imported From: 91700#\Heersharepoint1\facilitiesite%20documents\91700.pdf

iHEER System - Documents

Date : Jul 15, 2008
Document No: 68045
Type: Undetermined
Title: Request for Access (Zippy's Restaurant at 634 N Nimitz Hwy)
Imported From: 91667#\Heersharepoint1\facilitiesite%20documents\91667.pdf

iHEER System - Documents

Date : Apr 30, 2008
Document No: 68038
Type: Undetermined
Title: Request to Access (634 N Nimitz Hwy)
Imported From: 93095#\Heersharepoint1\facilitiesite%20documents\93095.pdf

iHEER System - Documents

Date : May 26, 2011
Document No: 68056
Type: Undetermined
Title: Response to Apr 6, 2011 DOH comments on "634 and 666 N Nimitz Hwy Continued SPH Recovery and OU1C and Contiguous OU3 Rebound Evaluation, WBS 3.1.5 Interim Remedial Measures Program SPH Recovery and Monitoring"
Imported From: 95224#\Heersharepoint1\facilitiesite%20documents\95224.pdf

iHEER System - Locations Details

Locations ID: 1281
Location Type: SC
Description:
Comment : Centroid, TMK 115013013; eric.sadoyama; Primary;
Centroid: POINT (-157.870421 21.313400000000005)
Geometry:

POINT (-157.870421 21.313400000000005)

iHEER System - Locations Details

Locations ID: 2309

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Type: EHMP
Description: EHMP Zippy Nimitz
Comment : IDPP OU-3
Centroid: POINT (-157.86946960444149 21.313614390405672)
Geometry:

POLYGON ((-157.87060875462822 21.3135299356022, -157.87065166997007 21.313479960383855, -157.87064630555457 21.313075160493621, -157.87034589814374 21.313065165420195, -157.87011522817014 21.313105145708956, -157.86965388821392 21.313235081570863, -157.869106717583 21.31342498762481, -157.86864537762685 21.313579910802673, -157.86822158860596 21.313699851215087, -157.86830741928964 21.313879761650082, -157.86836106347141 21.31403468434814, -157.86839324998232 21.314144629389173, -157.86839861439779 21.314264569340381, -157.86864001321132 21.314174614386157, -157.86931056546123 21.313974714290904, -157.8696163372876 21.313874764140841, -157.87002939747745 21.313734833817083, -157.87028688954649 21.31365987108823, -157.87045318650732 21.313614893433229, -157.87057656811734 21.313574913283233, -157.87060875462822 21.313544928163797, -157.87060875462822 21.3135299356022))

Site Details

Centroid: POINT (-157.870421 21.313400000000005)
Updated On: 3/1/2022 3:34:02 PM
Coordinates: 21.313400000000005,-157.870421

iHEER System - Aliases

Name: Zippy's 634 N Nimitz Highway

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

209	1 of 1	N	0.62 / 3,274.74	3.28 / 0	Senior Residences at Iwilei 888 Iwilei Rd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 362
Site Name (Public iHEER): Senior Residences at Iwilei
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Downtown Unit, Honolulu High-Capacity Transit Corridor Project, Iwilei Fuits and Produce 920 Iwilei Rd, Part of Iwilei Project Site, Senior Residences at Iwilei

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		888 Iwilei Rd				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFA				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		3/7/2022 3:55:38 PM				
Ms Access ID (Public iHEER):		2076				
Suppl Loc (Public iHEER):		888 Iwilei Rd, Honolulu, HI 96813				
Tax Map Keys (Public iHEER):		115007001, 115007002, 115007014, 115007015, 115007018, 115007066, 115007067, 115007068, 115007069, 115007071, 115007074, 115007075, 115007078, 115007079, 115007080, 115007081, 115007082, 115007083, 115007084				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		362				
Site Name (PORTAL):		Senior Residences at Iwilei				
Loc Desc (PORTAL):		888 Iwilei Rd, Honolulu, HI 96813				
Address (PORTAL):		888 Iwilei Rd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/362/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Apr 1, 2012				
Document No:		140192				
Type:		Undetermined				
Title:		Draft SDAR Team Approach				
Imported From:		\\facilitysite documents\media112633\112633.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2012				
Document No:		137930				
Type:		Undetermined				
Title:		EHE and EHMP Senior Residence at Iwilei 888 Iwilei Rd, Honolulu HI, TMK 1-1-5-007-002 Jul 2012				
Imported From:		100400#\Heersharepoint1\facilitysite%20documents\100400.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 23, 2014				
Document No:		140190				
Type:		Undetermined				
Title:		Figure 1-3 Areas of Concern and Figure 2-1 Sampling Location				
Imported From:		\\facilitysite documents\media112628\112628.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 23, 2014				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			137929			
Type:			Undetermined			
Title:			Iwilei Brown Recommended Sample Locations			
Imported From:			\facilitysite documents\media112660\112660.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 8, 2011			
Document No:			29409			
Type:			No Further Action Determination Letter			
Title:			Iwilei Fruits and Produce, 920 Iwilei Rd, Honolulu HI, Facility ID 9-103747 / Release ID 020031			
Imported From:			96933#\Heersharepoint1\facilitysite%20documents\96933.pdf			
<u>iHEER System - Documents</u>						
Date :			May 30, 2001			
Document No:			140195			
Type:			Undetermined			
Title:			Limited Phase II ESA the HCDCH Component of the Iwilei Project Site, TMK 1-1-5-007-015 and Portions of 014, 057, 058, 060, 061, 062, 063, 065-078			
Imported From:			97380#\Heersharepoint1\facilitysite%20documents\97380.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2012			
Document No:			183076			
Type:			Undetermined			
Title:			LIMITED SOIL VAPOR SURVEY AND MONITORING WELL CLOSURE REPORT			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 16, 2012			
Document No:			137928			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action Determination for the Senior Residence at Iwilei- 888 Iwilei Road			
Imported From:			2012-234#Q:2012 Final Correspondence (Day File)\12-234-MGC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 10, 1992			
Document No:			137946			
Type:			Undetermined			
Title:			Phase 2 ESA, Activity VII: Subsurface Soils and Groundwater Investigation, Liliha Civic Center, Honolulu HI. DAGS Job 12-10-4946			
Imported From:			38313#\Heersharepoint1\facilitysite%20documents\38313.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 30, 2001			
Document No:			137945			
Type:			Undetermined			
Title:			Phase I ESA			
Imported From:			38315#\Heersharepoint1\facilitysite%20documents\38315.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 26, 1992			
Document No:			137916			
Type:			Undetermined			
Title:			Phase I ESA, Liliha Civic Center, Honolulu HI. DAGS Job 12-10-4946			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		38314#\Heersharepoint1\facilitysite%20documents\38314.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 20, 2011				
Document No:		137917				
Type:		Undetermined				
Title:		Phase I ESA, Senior Residence at Iwilei, Honolulu HI, TMK 1-1-5-007-002				
Imported From:		97383#\Heersharepoint1\facilitysite%20documents\97383.pdf				
<u>iHEER System - Documents</u>						
Date :						
Document No:		183079				
Type:		Undetermined				
Title:		Project Site Maps				
Imported From:						
<u>iHEER System - Documents</u>						
Date :						
Document No:		137926				
Type:		Undetermined				
Title:		Proposed Sample Location at the Iwilei Brownfield Site Honolulu Hawaii - Figure 2-1				
Imported From:		\facilitysite documents\media112662\112662.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2012				
Document No:		137923				
Type:		Undetermined				
Title:		Review of the Work Plan for Limited Soil Vapor Survey				
Imported From:		2012-145#Q:\2012 Final Correspondence (Day File)\12-145-MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 29, 2012				
Document No:		137915				
Type:		Undetermined				
Title:		Revised Work Plan for Limited Soil Vapor Survey Senior Residence at Iwilei 888 Iwilei Rd, Honolulu HI, TMK 1-1-5-007-002 Feb 2012				
Imported From:		98748#\Heersharepoint1\facilitysite%20documents\98748.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 23, 2014				
Document No:		140189				
Type:		Undetermined				
Title:		Site Layout Maps from Limited Phase II ESA HCDCH Component Iwilei Project Site				
Imported From:		\facilitysite documents\media112626\112626.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 29, 2012				
Document No:		137932				
Type:		Undetermined				
Title:		Work Plan for Limited Soil Vapor Survey Senior Residence at Iwilei 888 Iwilei Rd, Honolulu HI, TMK 1-1-5-007-002 Feb 2012				
Imported From:		98747#\Heersharepoint1\facilitysite%20documents\98747.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 1, 2012
Document No: 137921
Type: Undetermined
Title: Work Plan for Limited Soil Vapor Survey, Senior Residence at Iwilei 888 Iwilei Rd, Honolulu HI, TMK 1-1-5-007-002 Feb 2012
Imported From: 98310#\Heersharepoint1\facilitiesite%20documents\98310.pdf

iHEER System - Locations Details

Locations ID: 3387
Location Type: SC
Description: Senior Residences-Iwilei
Comment : Google Earth
Centroid: POINT (-157.865708 21.315864000000005)
Geometry:

POINT (-157.865708 21.315864000000005)

iHEER System - Locations Details

Locations ID: 5890
Location Type: SB
Description: Senior Residences-Iwilei
Comment : Placed by RPM
Centroid: POINT (-157.86568128831624 21.3160329630246)
Geometry:

POLYGON ((-157.86575116319275 21.316651079577628, -157.86546684903738 21.316236293571443, -157.86535419626728 21.316076375761813, -157.86529250545328 21.315911460338917, -157.86527641219786 21.315571634033784, -157.86528177662234 21.31550666715049, -157.86532469196413 21.315474183698509, -157.8653810183537 21.315476682425523, -157.86606498165128 21.315751542175484, -157.86594428224902 21.316026401410969, -157.86592014236138 21.316118853947678, -157.86593087120133 21.316166329551038, -157.86615081234396 21.316503655770337, -157.86614813012724 21.316503655770337, -157.86575116319275 21.316651079577628))

Site Details

Centroid: POINT (-157.865708 21.315864000000005)
Updated On: 3/7/2022 3:55:38 PM
Coordinates: 21.315864000000005,-157.865708

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Honolulu Harbor Downtown Unit

iHEER System - Aliases

Name: Part of Iwilei Project Site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Iwilei Fuits and Produce 920 Iwilei Rd				
<u>iHEER System - Aliases</u>						
Name:		Senior Residences at Iwilei				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Received a Restricted NFA				

210	1 of 1	SSE	0.62 / 3,281.25	3.28 / 0	City & County Wastewater Collection System Maintenance Yard 98 Koula St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2114
Site Name (Public iHEER): City & County Wastewater Collection System Maintenance Yard
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization, C&C Waste Water Division Maintenance Yard, Honolulu High-Capacity Transit Corridor Project
Street (Public iHEER): 98 Koula St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 153
Suppl Loc (Public iHEER): 98 Koula St
Tax Map Keys (Public iHEER): 121060002, 121060029
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2114
Site Name (PORTAL): City & County Wastewater Collection System Maintenance Yard
Loc Desc (PORTAL): 98 Koula St
Address (PORTAL): 98 Koula St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2114/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Aug 29, 2000				
Document No:		4451				
Type:		Undetermined				
Title:		Aug 2000 Groundwater Monitoring and Sampling Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095				
Imported From:		36792#\Heersharepoint1\facilitiesite%20documents\36792.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 8, 1997				
Document No:		4446				
Type:		Undetermined				
Title:		Division of Collection System Maintenance Baseyard 98 Koula St, Honolulu HI Monitoring Report 1st Quarter 1997				
Imported From:		36778#\Heersharepoint1\facilitiesite%20documents\36778.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 13, 2001				
Document No:		4453				
Type:		Undetermined				
Title:		Feb 2001 Groundwater Monitoring and Sampling Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095				
Imported From:		36771#\Heersharepoint1\facilitiesite%20documents\36771.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 26, 2000				
Document No:		4452				
Type:		Undetermined				
Title:		May 2000 Groundwater Monitoring and Sampling Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095				
Imported From:		36772#\Heersharepoint1\facilitiesite%20documents\36772.pdf				
<u>iHEER System - Documents</u>						
Date :		May 22, 2001				
Document No:		7341				
Type:		Undetermined				
Title:		May 2001 Groundwater Monitoring and Sampling Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095				
Imported From:		36791#\Heersharepoint1\facilitiesite%20documents\36791.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 20, 1998				
Document No:		4447				
Type:		Undetermined				
Title:		Monitoring Report 1st Quarter 1998 Division of Collection System Maintenance Baseyard DOH Facility ID 9-103095 DES Job 97030				
Imported From:		36777#\Heersharepoint1\facilitiesite%20documents\36777.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 10, 1999				
Document No:		7340				
Type:		Undetermined				
Title:		Monitoring Report 1st Quarter 1999 Division of Collection System Maintenance Baseyard DOH Facility ID 9-103095 DES Job 97030				
Imported From:		36773#\Heersharepoint1\facilitiesite%20documents\36773.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jul 21, 1998				
Document No:		4448				
Type:		Undetermined				
Title:		Monitoring Report 2nd Quarter 1998 Division of Collection System Maintenance Baseyard DOH Facility ID 9-103095 DES Job 97030				
Imported From:		36776#\Heersharepoint1\facilitysite%20documents\36776.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 23, 1998				
Document No:		7334				
Type:		Undetermined				
Title:		Monitoring Report 3rd Quarter 1998 Division of Collection System Maintenance Baseyard DOH Facility ID 9-103095 DES Job 97030				
Imported From:		36775#\Heersharepoint1\facilitysite%20documents\36775.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 6, 1999				
Document No:		7337				
Type:		Undetermined				
Title:		Monitoring Report 4th Quarter 1998 Division of Collection System Maintenance Baseyard DOH Facility ID 9-103095 DES Job 97030				
Imported From:		36774#\Heersharepoint1\facilitysite%20documents\36774.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 14, 2000				
Document No:		7325				
Type:		Undetermined				
Title:		Nov 2000 Groundwater Monitoring and Sampling Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095				
Imported From:		36795#\Heersharepoint1\facilitysite%20documents\36795.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 12, 1996				
Document No:		7342				
Type:		Undetermined				
Title:		Periodic Monitoring Report City and County of Honolulu's Division of Waste Water Management FES Job #94174.2				
Imported From:		36780#\Heersharepoint1\facilitysite%20documents\36780.pdf				
<u>iHEER System - Documents</u>						
Date :		May 7, 1997				
Document No:		4445				
Type:		Undetermined				
Title:		Quarterly Monitoring Report #10 City and County of Honolulu's Division of Waste Water Management FES Job #94174.2				
Imported From:		36779#\Heersharepoint1\facilitysite%20documents\36779.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 27, 1995				
Document No:		4455				
Type:		Undetermined				
Title:		Quarterly Monitoring Report #4 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2				
Imported From:		\facilitysite documents\media36785\036785.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 27, 1995
Document No: 4454
Type: Undetermined
Title: Quarterly Monitoring Report #4 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: \facilitysite documents\media36785\36785.pdf

iHEER System - Documents

Date : Feb 7, 1996
Document No: 7339
Type: Undetermined
Title: Quarterly Monitoring Report #5 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36784#\Heersharepoint1\facilitysite%20documents\36784.pdf

iHEER System - Documents

Date : Feb 23, 1996
Document No: 7330
Type: Undetermined
Title: Quarterly Monitoring Report #6 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36783#\Heersharepoint1\facilitysite%20documents\36783.pdf

iHEER System - Documents

Date : May 23, 1996
Document No: 7331
Type: Undetermined
Title: Quarterly Monitoring Report #7 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36782#\Heersharepoint1\facilitysite%20documents\36782.pdf

iHEER System - Documents

Date : Sep 16, 1996
Document No: 7323
Type: Undetermined
Title: Quarterly Monitoring Report #8 City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36781#\Heersharepoint1\facilitysite%20documents\36781.pdf

iHEER System - Documents

Date : Dec 5, 1995
Document No: 4456
Type: Undetermined
Title: Quarterly Monitoring Report City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36786#\Heersharepoint1\facilitysite%20documents\36786.pdf

iHEER System - Documents

Date : Nov 28, 1995
Document No: 4450
Type: Undetermined
Title: Quarterly Monitoring Report City and County of Honolulu's Division of Waste Water Management CF Job #94174.2
Imported From: 36787#\Heersharepoint1\facilitysite%20documents\36787.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 5, 2002
Document No: 7332
Type: Undetermined
Title: Quarterly Release Response Report, Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095
Imported From: 36794#\Heersharepoint1\facilitiesite%20documents\36794.pdf

iHEER System - Documents

Date : Jan 18, 2002
Document No: 7328
Type: Undetermined
Title: Quarterly Release Response Report, Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095
Imported From: 36790#\Heersharepoint1\facilitiesite%20documents\36790.pdf

iHEER System - Documents

Date : Apr 2, 2002
Document No: 7333
Type: Undetermined
Title: Quarterly Release Response Report, Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu, Facility ID 9-103095
Imported From: 36793#\Heersharepoint1\facilitiesite%20documents\36793.pdf

iHEER System - Locations Details

Locations ID: 855
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.862511 21.292523)
Geometry:

POINT (-157.862511 21.292523)

Site Details

Centroid: POINT (-157.862511 21.292523)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.292523,-157.862511

iHEER System - Aliases

Name: C&C Waste Water Division Maintenance Yard

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
211	1 of 1	N	0.62 / 3,282.61	3.28 / 0	333 & 351 N King Street 333 & 351 N King St Honolulu HI 96817	SHWS

iHEER ID (Public iHEER): 1511
Site Name (Public iHEER): 333 & 351 N King Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, 333 & 351 N King St, Brownfields Funded, Part of Iwilei Project Site, Same Footprint as Liliha Civic Center
Street (Public iHEER): 333 & 351 N King St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Needed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/16/2021 1:44:38 PM
Ms Access ID (Public iHEER): 2985
Suppl Loc (Public iHEER): 333 & 351 N King St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115007001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1511
Site Name (PORTAL): 333 & 351 N King Street
Loc Desc (PORTAL): 333 & 351 N King St, Honolulu, HI 96817
Address (PORTAL): 333 & 351 N King St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1511/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Nov 5, 2019
Document No: 174384
Type: Remedial Alternatives Analysis Report
Title: ABCA Scoping Document 333 & 351 N King St
Imported From:

iHEER System - Documents

Date : Jan 22, 2016
Document No: 183066
Type: Undetermined
Title: Alternative Sampling Plan for the Phase I/II 333 & 351 N King St
Imported From:

iHEER System - Documents

Date : Jun 28, 2015
Document No: 183070
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Chapter 6E-8 and 6E-10 and National Historic Preservation Act (NHPA) Section 106 Review — Initiation of Consultation and Request for Concurrence of "No Adverse Effect" Soil and Groundwater Sampling at OR&L Document Storage Building & Station	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 14, 2015	
Document No:					183069	
Type:					Undetermined	
Title:					Cover Letter, Signature Page & Approval Letter for Phase I/II Investigation Sampling and Analysis Plan	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Nov 1, 2014	
Document No:					163630	
Type:					Phase II Environmental Site Assessment	
Title:					Draft 333 & 351 N King Street Targeted Brownfields Assessment Phase I/II Investigation	
Imported From:					122975.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 1, 2020	
Document No:					174388	
Type:					Remedial Alternatives Analysis Report	
Title:					Draft ABCA Report 333 & 351 N King St	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 25, 2018	
Document No:					42118	
Type:					Site Characterization Work Plan	
Title:					DRAFT Sampling and Analysis Plan Amendment Targeted Brownfields Assessment Phase I/II Investigation 333 & 351 N King St Honolulu, Honolulu County, Hawaii	
Imported From:					media132339\DRAFT_North King Street TBA SAP Amendment.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 2, 2015	
Document No:					163631	
Type:					Undetermined	
Title:					Email about Proposed MIS Sampling for 333 and 351 N King St (Liliha Civic Center)	
Imported From:					125766.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 25, 2018	
Document No:					42119	
Type:					Undetermined	
Title:					Email Sampling and Analysis Plan Amendment Targeted Brownfields Assessment Phase I/II Investigation 333 & 351 N King St Honolulu, Honolulu County, Hawaii	
Imported From:					media132339\Memo Style.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 1, 2015	
Document No:					183068	
Type:					Phase II Environmental Site Assessment	
Title:					FINAL 333 & 351 North King Street Targeted Brownfields Assessment Phase I/II Investigation	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Mar 19, 2020
Document No: 174393
Type: Remedial Alternatives Analysis Report
Title: Final ABCA Report 333 & 351 N King St
Imported From:

iHEER System - Documents

Date : Apr 1, 2015
Document No: 163632
Type: Phase II Environmental Site Assessment
Title: Final Sample and Analysis Plan, 333 & 351 N King St, Targeted Brownfields Assessment (TBA), Phase I/II Investigation
Imported From: 122976.pdf

iHEER System - Documents

Date : Sep 1, 2018
Document No: 42111
Type: Site Characterization Work Plan
Title: FINAL Sampling and Analysis Plan Targeted Brownfields Assessment, Phase I/II Investigation 333 & 351 North King Street, Honolulu, Honolulu County, Hawaii
Imported From: 134404.pdf

iHEER System - Documents

Date : Oct 31, 2019
Document No: 174383
Type: Phase II Environmental Site Assessment
Title: Final TBA Report 333 & 351 N King St
Imported From:

iHEER System - Documents

Date : Sep 4, 2020
Document No: 177403
Type: Memo
Title: Memo Request for Agency Comments Land Use Permits
Imported From:

iHEER System - Documents

Date :
Document No: 183382
Type: Undetermined
Title: Site Photos 1
Imported From:

iHEER System - Documents

Date :
Document No: 183383
Type: Undetermined
Title: Site photos 2
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date :
Document No: 163633
Type: Undetermined
Title: Various figures 333 & 351 N King St
Imported From: 122977.pdf

iHEER System - Documents

Date :
Document No: 183071
Type: Undetermined
Title: Various figures 333 & 351 N King St
Imported From:

iHEER System - Locations Details

Locations ID: 7169
Location Type: SC
Description: Former catch basin
Comment : Placed by RPM
Centroid: POINT (-157.86538700000003 21.316502999999997)
Geometry:

POINT (-157.86538700000003 21.316502999999997)

iHEER System - Locations Details

Locations ID: 7170
Location Type: SC
Description: Area B: 1 500-gal UST
Comment : Placed by RPM
Centroid: POINT (-157.864722 21.315990999999997)
Geometry:

POINT (-157.864722 21.315990999999997)

iHEER System - Locations Details

Locations ID: 7171
Location Type: SC
Description: Area C: 2 4000-gal USTs
Comment : Placed by RPM
Centroid: POINT (-157.864454 21.316198000000014)
Geometry:

POINT (-157.864454 21.316198000000014)

iHEER System - Locations Details

Locations ID: 7172
Location Type: SC
Description: Area C: 1 2000-gal UST
Comment : Placed by RPM
Centroid: POINT (-157.86441400000004 21.315990999999997)
Geometry:

POINT (-157.86441400000004 21.315990999999997)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 3045
Location Type: SC
Description: 333 & 351 N King St
Comment : Google Earth
Centroid: POINT (-157.865005 21.316163000000017)
Geometry:

POINT (-157.865005 21.316163000000017)

iHEER System - Locations Details

Locations ID: 7168
Location Type: SB
Description: 333 & 351 N King St
Comment : Placed by RPM
Centroid: POINT (-157.86489699799304 21.315959265952394)
Geometry:

POLYGON ((-157.86449672138724 21.315094795170349, -157.86441625511907 21.315057314158238, -157.86436261093729 21.3150823015007, -157.86435992872953 21.315112286306238, -157.86438406860819 21.316296681226948, -157.86476494228722 21.316239210807545, -157.86485345518764 21.316384136168818, -157.86494196808803 21.316736454123483, -157.86516190922168 21.31666399163462, -157.86516459142945 21.316871384180462, -157.86568762219065 21.316683981290019, -157.8652450577066 21.316066799415168, -157.8651967779403 21.315904382701255, -157.8651806846849 21.315552062750896, -157.86522628224344 21.315409635296522, -157.86449672138724 21.315094795170349))

Site Details

Centroid: POINT (-157.86538700000003 21.316502999999997)
Updated On: 12/16/2021 1:44:38 PM
Coordinates: 21.316502999999997,-157.86538700000003

Site Details

Centroid: POINT (-157.864454 21.316198000000014)
Updated On: 12/16/2021 1:44:38 PM
Coordinates: 21.316198000000014,-157.864454

Site Details

Centroid: POINT (-157.86441400000004 21.315990999999997)
Updated On: 12/16/2021 1:44:38 PM
Coordinates: 21.315990999999997,-157.86441400000004

Site Details

Centroid: POINT (-157.864722 21.315990999999997)
Updated On: 12/16/2021 1:44:38 PM
Coordinates: 21.315990999999997,-157.864722

Site Details

Centroid: POINT (-157.865005 21.316163000000017)
Updated On: 12/16/2021 1:44:38 PM
Coordinates: 21.316163000000017,-157.865005

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		333 & 351 N King St				
<u>iHEER System - Aliases</u>						
Name:		Part of Iwilei Project Site				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Same Footprint as Liliha Civic Center				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Funded				

212	1 of 1	ESE	0.62 / 3,286.95	3.28 / 0	837 Kawaiahao Street 837 Kawaiahao St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1410
Site Name (Public iHEER): 837 Kawaiahao Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, 835 Kawaihao Street, AlSCO?, American Linen Warehouse
Street (Public iHEER): 837 Kawaiahao St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 26
Suppl Loc (Public iHEER): 837 Kawaiahao St
Tax Map Keys (Public iHEER): 121049011
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1410
Site Name (PORTAL): 837 Kawaiahao Street
Loc Desc (PORTAL): 837 Kawaiahao St
Address (PORTAL): 837 Kawaiahao St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1410/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 25, 1996
Document No: 9166
Type: Undetermined
Title: Cover Letter for Final Letter Report Underground Storage Tank Closure and Release Response 837 Kawaiahao St, Honolulu Hawaii
Imported From: 133526.pdf

iHEER System - Documents

Date : Mar 22, 1996
Document No: 9168
Type: Removal Action Report
Title: Final Letter Report UST Closure and Release Response, 837 Kawaiahao St, Honolulu HI
Imported From: 35998.pdf

iHEER System - Documents

Date : Mar 24, 2005
Document No: 9167
Type: No Further Action Determination Letter
Title: NFA letter for American Linen Warehouse
Imported From: 05-153-MS.pdf

iHEER System - Locations Details

Locations ID: 727
Location Type: SC
Description: Location based on address
Comment : Google Earth
Centroid: POINT (-157.854888 21.299430999999988)
Geometry:

POINT (-157.854888 21.299430999999988)

Site Details

Centroid: POINT (-157.854888 21.299430999999988)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299430999999988,-157.854888

iHEER System - Aliases

Name: Alsco?

iHEER System - Aliases

Name: American Linen Warehouse

iHEER System - Aliases

Name: 835 Kawaihao Street

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
213	1 of 1	SSE	0.62 / 3,289.73	3.28 / 0	Alia Block Redevelopment Project 888 Ala Moana Blvd Honolulu HI 96813	SHWS

iHEER ID (Public iHEER):
Site Name (Public iHEER):
Aliases (Public iHEER):
Street (Public iHEER):
City (Public iHEER):
State (Public iHEER):
Zip (Public iHEER):
County (Public iHEER):
Island (Public iHEER):
Status (Public iHEER):
Lead Agency (Public iHEER):
Program (Public iHEER):
Assigned Rpm (Public iHEER):
Is Public (Public iHEER):
Updated on (Public iHEER):
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER):
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL):
Site Name (PORTAL):
Loc Desc (PORTAL):
Address (PORTAL):

3251
 Alia Block Redevelopment Project
 888 Ala Moana Boulevard
 888 Ala Moana Blvd
 Honolulu, HI 96813
 Honolulu
 Oahu
 REMEDY SELECTED
 Unranked
 HEER Office
 State
 —
<https://eha-cloud.doh.hawaii.gov/iheer#!/site/3251/details/view>
 iHEER Environmental Health PORTAL Locations (January 2023)

iHEER System - Documents

Date : Jun 1, 2023
Document No: 201884
Type: Undetermined
Title: 23006 Site Assessment Work Plan 06-01-2023-v1 Submission
Imported From:

iHEER System - Documents

Date : Feb 12, 2014
Document No: 201889
Type: Undetermined
Title: Environmental Report - 2014_02_12
Imported From:

iHEER System - Documents

Date : Jun 1, 2023
Document No: 201885
Type: Undetermined
Title: nr23006 Site Assessment Work Plan 06-01-2023-v1
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 29, 2014
Document No: 201891
Type: Phase I Environmental Site Assessment
Title: phase I
Imported From:

iHEER System - Documents

Date : Apr 29, 2014
Document No: 201888
Type: Phase I Environmental Site Assessment
Title: Phase I EA Amendment Letter - 2014_04_29
Imported From:

iHEER System - Documents

Date : Mar 14, 2022
Document No: 201890
Type: Phase I Environmental Site Assessment
Title: Phase I ESA - REPORT - KAKAAKO 3-PARCEL
Imported From:

iHEER System - Documents

Date : Jun 29, 2023
Document No: 203483
Type: CEHMP
Title: Project-Specific Preliminary Construction EHMP (C-EHMP) For Alia Block Redevelopment
Imported From:

iHEER System - Locations Details

Locations ID: 11339
Location Type: SC
Description: Alia Block
Comment : From Doc .
Centroid: POINT (-157.8590726852417 21.295812080066408)
Geometry:

POINT (-157.8590726852417 21.295812080066408)

214	1 of 1	N	0.63 / 3,304.01	3.28 / 0	Liliha Civic Center 337 N King St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2692
Site Name (Public iHEER): Liliha Civic Center
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Honolulu High-Capacity Transit Corridor Project, Part of Iwilei Project Site, Same footprint as 333 & 351 N King Street, SLR 3.2ft Flooding
Street (Public iHEER): 337 N King St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		10/11/2021 6:57:10 PM				
Ms Access ID (Public iHEER):		618				
Suppl Loc (Public iHEER):		337 and 357 N King St (USTs Hydraulic Lifts); 333 and 351 N King St. (TBA), Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115007001, 115007014				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2692				
Site Name (PORTAL):		Liliha Civic Center				
Loc Desc (PORTAL):		337 and 357 N King St (USTs Hydraulic Lifts); 333 and 351 N King St. (TBA), Honolulu, HI 96817				
Address (PORTAL):		337 N King St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2692/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : May 20, 1997
Document No: 42115
Type: Undetermined
Title: Draft Scope of Work for the Liliha Civic Center Site, for review & comment
Imported From: 120895#\Heersharepoint1\facilitiesite%20documents\120895.pdf

iHEER System - Documents

Date : Jan 27, 2014
Document No: 42126
Type: Undetermined
Title: Hawaii House Bill 2465 Liliha Civic Center
Imported From: 125616#\Heersharepoint1\facilitiesite%20documents\125616.pdf

iHEER System - Documents

Date : Jun 11, 1992
Document No: 42125
Type: Undetermined
Title: Letter Report Environmental Monitoring during Geotechnical Exploration Liliha Civic Center, Honolulu HI
Imported From: 38886#\Heersharepoint1\facilitiesite%20documents\38886.pdf

iHEER System - Documents

Date : Apr 10, 1997
Document No: 9531
Type: Undetermined
Title: Liliha Civic Center
Imported From: 47736#\Heersharepoint1\facilitiesite%20documents\47736.pdf

iHEER System - Documents

Date : Mar 21, 1997
Document No: 42124
Type: Undetermined
Title: Liliha Civic Center

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		47709#\Heersharepoint1\facilitiesite%20documents\47709.pdf				
<u>iHEER System - Documents</u>						
Date :	Apr 3, 1997					
Document No:	42112					
Type:	Undetermined					
Title:	Liliha Civic Center project under development by the Department of Accounting and General Services					
Imported From:	120893#\Heersharepoint1\facilitiesite%20documents\120893.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 14, 1997					
Document No:	42114					
Type:	Undetermined					
Title:	Liliha Civic Center, N King Street & Iwilei Road					
Imported From:	120894#\Heersharepoint1\facilitiesite%20documents\120894.pdf					
<u>iHEER System - Documents</u>						
Date :	May 9, 1997					
Document No:	42116					
Type:	Phase I Environmental Site Assessment					
Title:	Liliha Civic Center, Phase I					
Imported From:	120892#\Heersharepoint1\facilitiesite%20documents\120892.pdf					
<u>iHEER System - Documents</u>						
Date :	Feb 26, 1992					
Document No:	42121					
Type:	Phase I Environmental Site Assessment					
Title:	Phase I ESA Liliha Civic Center, Honolulu HI					
Imported From:	38884#\Heersharepoint1\facilitiesite%20documents\38884.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 10, 1992					
Document No:	42122					
Type:	Phase II Environmental Site Assessment					
Title:	Phase II ESA, Activity VII: Subsurface Soils and Groundwater Investigation, Liliha Civic Center					
Imported From:	38888#\Heersharepoint1\facilitiesite%20documents\38888.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 27, 1993					
Document No:	42113					
Type:	Removal Action Report					
Title:	Removal of USTs and Hydraulic Lift, TMK 1-5-007-001 and 1-5-007-014, 337 and 357 N King St, Iwilei, Oahu HI					
Imported From:	38887#\Heersharepoint1\facilitiesite%20documents\38887.pdf					
<u>iHEER System - Documents</u>						
Date :	May 20, 1997					
Document No:	42123					
Type:	Undetermined					
Title:	Revised Draft Scope of Work for Liliha Civic Center Project for review & comment					
Imported From:	120896#\Heersharepoint1\facilitiesite%20documents\120896.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 24, 2005
Document No: 42117
Type: Undetermined
Title: Setting Aside Land for Public Purposes Liliha Civic Center
Imported From: 122891#\Heersharepoint1\facilitiesite%20documents\122891.pdf

iHEER System - Documents

Date : Aug 27, 1992
Document No: 42120
Type: Undetermined
Title: UST Search and Removal Plan Liliha Civic Center, Honolulu HI
Imported From: 38885#\Heersharepoint1\facilitiesite%20documents\38885.pdf

iHEER System - Locations Details

Locations ID: 5894
Location Type: SB
Description: Liliha Civic Center
Comment : Placed by RPM
Centroid: POINT (-157.86493783176357 21.315943117200959)
Geometry:

POLYGON ((-157.86536848660396 21.315475377176654, -157.86530143138344 21.315492868267174, -157.86526388045709 21.315552837704395, -157.865296066968 21.315912653813488, -157.865357757773 21.316105055121049, -157.86574667807525 21.316667265289848, -157.86529070254352 21.316832179863855, -157.865223647323 21.316852169497221, -157.86521828289852 21.316744725188855, -157.86522096511527 21.316622288555159, -157.86498493071718 21.316719738129315, -157.86489641781679 21.316352427860238, -157.86481058713312 21.316192510177896, -157.86457723495178 21.316247481900881, -157.8644109379909 21.316269970327376, -157.86439484473544 21.316272469040829, -157.86435461160141 21.315145544794767, -157.86436802264006 21.315098068860578, -157.86440289135868 21.3150655853182, -157.86443776007729 21.3150655853182, -157.86536848660396 21.315475377176654))

iHEER System - Locations Details

Locations ID: 1061
Location Type: SC
Description: Liliha Civic Center
Comment : Centroid, TMK 115007001; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.865 21.315999999999995)
Geometry:

POINT (-157.865 21.315999999999995)

Site Details

Centroid: POINT (-157.865 21.315999999999995)
Updated On: 10/11/2021 6:57:10 PM
Coordinates: 21.315999999999995,-157.865

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu High-Capacity Transit Corridor Project				
<u>iHEER System - Aliases</u>						
Name:		Part of Iwilei Project Site				
<u>iHEER System - Aliases</u>						
Name:		Same footprint as 333 & 351 N King Street				

215	1 of 1	ESE	0.63 / 3,320.15	3.28 / 0	836 Kawaiahao Street 836 Kawaiahao St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1516
Site Name (Public iHEER): 836 Kawaiahao Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site
Street (Public iHEER): 836 Kawaiahao St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 1941
Suppl Loc (Public iHEER): 836 Kawaiahao St
Tax Map Keys (Public iHEER): 121049046
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1516
Site Name (PORTAL): 836 Kawaiahao Street
Loc Desc (PORTAL): 836 Kawaiahao St
Address (PORTAL): 836 Kawaiahao St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1516/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Oct 14, 2010
Document No: 138600
Type: Site Characterization Report
Title: Asbestos Assessment and TCLP Lead Sampling, 836 Kawaiahao St, Honolulu HI
Imported From: 93432.pdf

iHEER System - Documents

Date : Nov 1, 2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 138602
Type: Undetermined
Title: Email including attachments about lab information
Imported From: 119934.pdf

iHEER System - Documents

Date : Mar 7, 2011
Document No: 138601
Type: Undetermined
Title: Email with Figure 8
Imported From: media112381\112381.pdf

iHEER System - Documents

Date : Oct 14, 2010
Document No: 138598
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, 836 Kawaiahao St, Honolulu HI
Imported From: 93430.pdf

iHEER System - Documents

Date : Nov 3, 2006
Document No: 138603
Type: Phase II Environmental Site Assessment
Title: Phase II ESA, 836 Kawaiahao St, Honolulu HI
Imported From: 110291.pdf

iHEER System - Documents

Date : Mar 14, 2011
Document No: 138604
Type: Review Letter
Title: Review of the Phase II ESA
Imported From: 11-144-MGC.pdf

iHEER System - Documents

Date : Nov 3, 2010
Document No: 138599
Type: Site Characterization Report
Title: Soil and Groundwater Sampling and Analysis, 836 Kawaiahao St, Honolulu HI
Imported From: 93429.pdf

iHEER System - Locations Details

Locations ID: 10671
Location Type: SB
Description: Project site
Comment : Doc 138599
Centroid: POINT (-157.85487199406612 21.2996230018924)
Geometry:

POLYGON ((-157.85470181101371 21.299670729432446, -157.85480105274505 21.299790681201515, -157.85505318039861 21.299585763536932, -157.85491370552413 21.299455815601206, -157.85470181101371 21.299670729432446))

iHEER System - Locations Details

Locations ID: 3053

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.85481399999998 21.299638999999996)
Geometry:

POINT (-157.85481399999998 21.299638999999996)

Site Details

Centroid: POINT (-157.855 21.299599999999995)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299599999999995,-157.855

Site Details

Centroid: POINT (-157.85481399999998 21.299638999999996)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.299638999999996,-157.85481399999998

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Low Priority Site

216	1 of 1	ESE	0.63 / 3,335.54	3.28 / 0	BASE YARD NO 7	FUDS
					HONOLULU HI	

FUDS Property No: H09HI0036
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=55901
FUDS INST ID: HI99799F378100
Status: Properties without projects
SDS ID:
NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: LOCAL: CITY CITY AND COUNTY OF HONOLULU, ISLAND OF OAHU, HAWAII.
Has Project: No
DOD FUDS Pro: H09HI0036
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.30194444
Longitude: -157.85388889
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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X: -157.853881836
 Y: 21.3020019530001
 Data Source: U.S. Army Corps of Engineers Geospatial Open Data
 Property History:

Feature Description:

THE SITE WAS ESTABLISHED SOON AFTER PEARL HARBOR ATTACK OF 7 DEC. 1941 TO SUPPORT CONSTRUCTION PROJECTS IN PACIFIC. NO RECORDS INDICATE THE DEMISE OF THE SITE BUT THE OPERATION IS BELIEVED TO HAVE BEEN DISCONTINUED BEFORE THE LATE 1950'S. THE SITE IS NOW A PORTION OF THE NEAL BLAISDELL CENTER. A SITE VISIT CONDUCTED ON APRIL 2, 1992 DID NOT INDICATED ANY ENVIRONMENTAL HAZARDS ATTRIBUTABLE TO THE ARMY USAGE.

217	1 of 1	SE	0.63 / 3,338.03	3.28 / 0	868 Queen Street, 819, 835 and 841 Kawaiahao Street 868 Queen St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2859
Site Name (Public iHEER): 868 Queen Street, 819, 835 and 841 Kawaiahao Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, 819 Kawaiahao Street, 835 Kawaiahao Street, 841 Kawaiahao Street, 868 Queen Street, 868 Queen Street, 819, 835 and 841 Kawaiahao Street, American Linen 837 Kawaiahao St, Brownfields Unranked Site, Construction EHMP
Street (Public iHEER): 868 Queen St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/21/2021 4:23:03 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 868 Queen St, Honolulu, HI 96813
Tax Map Keys (Public iHEER): 121049011, 121049032, 121049033
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2859
Site Name (PORTAL): 868 Queen Street, 819, 835 and 841 Kawaiahao Street
Loc Desc (PORTAL): 868 Queen St, Honolulu, HI 96813
Address (PORTAL): 868 Queen St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2859/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Aug 27, 1999
Document No: 172154
Type: No Further Action Determination Letter
Title: 1999 SHWB UST Section NFA letter for UST Removal

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Mar 24, 2005
Document No: 172156
Type: No Further Action Determination Letter
Title: 837 Kawaiahoa Street 2005 HEER Office NFA for UST Release; Review of Final Letter Report Underground Storage Tank Closure and Release Response (March 1996) by Ogden

Imported From:

iHEER System - Documents

Date : Aug 25, 2020
Document No: 176837
Type: Site Characterization Report
Title: 868 Queen Street Labs Binder1

Imported From:

iHEER System - Documents

Date : Aug 25, 2020
Document No: 176836
Type: Site Characterization Report
Title: 868 Queen Street Labs Binder2

Imported From:

iHEER System - Documents

Date : Aug 25, 2020
Document No: 176778
Type: Site Characterization Report
Title: Appendices for Draft Site Investigation Report – 868 Queen Street

Imported From:

iHEER System - Documents

Date : Oct 13, 2020
Document No: 176965
Type: Comment Letter
Title: Comments on Draft Site Investigation Report – 868 Queen Street, Honolulu, Oahu, Hawaii, TMK: (1) 2-1-049 Parcels 11, 32, & 33

Imported From:

iHEER System - Documents

Date : May 4, 2020
Document No: 174808
Type: Comment Letter
Title: Comments on Draft Site Investigation Work Plan

Imported From:

iHEER System - Documents

Date : Jan 15, 2021
Document No: 178436
Type: Comment Letter
Title: Comments on Revised Construction Environmental Hazard Management Plan 868 Queen Street

Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 10, 2019
Document No: 172319
Type: Comment Letter
Title: Comments on Sampling and Analysis Plan and Quality Assurance Project Plan for Supplemental Environmental Assessment at, dated November 5, 2019
Imported From:

iHEER System - Documents

Date : Jun 15, 2021
Document No: 180045
Type: Undetermined
Title: Comments on Site Investigation Report - 868 Queen Street
Imported From:

iHEER System - Documents

Date : Jan 25, 2021
Document No: 178558
Type: CEHMP
Title: Construction Environmental Hazard Management Plan 868 Queen Street revision 2
Imported From:

iHEER System - Documents

Date : Nov 16, 2020
Document No: 177695
Type: Undetermined
Title: Demo Plans
Imported From:

iHEER System - Documents

Date : Sep 18, 2020
Document No: 176818
Type: Environmental Hazard Management Plan
Title: Draft Construction Environmental Hazard Management Plan 868 Queen Street
Imported From:

iHEER System - Documents

Date : Sep 30, 2019
Document No: 171987
Type: Environmental Hazard Management Plan
Title: Draft Pre-Construction Environmental Hazard Management Plan, 868 Queen St., Associated Parcels 819, 835, and 841 Kawaihao St.
Imported From:

iHEER System - Documents

Date : Nov 16, 2020
Document No: 177696
Type: Undetermined
Title: Draft RAA
Imported From:

iHEER System - Documents

Date : Aug 25, 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			176779			
Type:					Site Characterization Report	
Title:					Draft Site Investigation Report – 868 Queen Street	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2020			
Document No:			174728			
Type:					Site Characterization Work Plan	
Title:					Draft Site Investigation Work Plan – 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 7, 1997			
Document No:			172160			
Type:					Phase I Environmental Site Assessment	
Title:					Phase I Environmental Assessment of a 45,000 Square Foot Property Located at 819, 835 and 841 Kawaihao Street	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2004			
Document No:			172161			
Type:					Phase I Environmental Site Assessment	
Title:					Phase I Environmental Site Assessment Kawaihao Street Parcels 819, 835, and 841 Kawaihao Street	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 7, 2018			
Document No:			172162			
Type:					Phase I Environmental Site Assessment	
Title:					PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT Commercial Properties 868 Queen Street; 819, 835, and 841 Kawaihao Street Honolulu, Hawaii 96813	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 25, 1998			
Document No:			172158			
Type:					Phase II Environmental Site Assessment	
Title:					Phase II Subsurface Investigation at 841 Kawaihao Street	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 28, 2018			
Document No:			172157			
Type:					Phase II Environmental Site Assessment	
Title:					PHASE II SUBSURFACE INVESTIGATION REPORT 868 Queen Street 868 Queen Street and 819, 835, and 841 Kawaihao Street Honolulu, Hawaii 96813	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 24, 2018			
Document No:			171988			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Subsurface Investigation Report, 868 Queen Street				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		201205				
Document No:		Removal Action Report				
Type:		Remedial Action Report				
Title:						
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 12, 2020				
Document No:		175122				
Type:		Site Characterization Work Plan				
Title:		Responses to Comments for Revised Site Investigation Work Plan – 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33 (dated April 12, recived May 12)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 20, 2020				
Document No:		177917				
Type:		Undetermined				
Title:		Responses to Comments on Draft C-EHMP - 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33 Dated September 18, 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 16, 2020				
Document No:		177694				
Type:		Undetermined				
Title:		Responses to Comments on Draft Site Investigation Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 2, 2021				
Document No:		180213				
Type:		Phase II Environmental Site Assessment				
Title:		Rev 2 Site Investigation Report – 868 Queen Street Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 23, 2020				
Document No:		177098				
Type:		Review Letter				
Title:		Review of Construction Environmental Hazard Management Plan 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2021				
Document No:		178574				
Type:		Review Letter				
Title:		Review of Revised Construction Environmental Hazard Management Plan, Version 2, 868 Queen Street Honolulu,				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33, dated December 10, 2020; received January 25, 2021

Imported From:

iHEER System - Documents

Date : May 19, 2020
Document No: 175123
Type: Review Letter
Title: Review of Revised Site Investigation Work Plan – 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33 (dated April 12, received May 12) and Responses to Comments dated May 12, 2020

Imported From:

iHEER System - Documents

Date : Jul 15, 2021
Document No: 180417
Type: Review Letter
Title: Review of Site Investigation Report Resubmitted 7_2_2021

Imported From:

iHEER System - Documents

Date : Dec 16, 2020
Document No: 178205
Type: Environmental Hazard Management Plan
Title: Revised Construction Environmental Hazard Management Plan 868 Queen Street

Imported From:

iHEER System - Documents

Date : May 12, 2020
Document No: 175124
Type: Site Characterization Work Plan
Title: Revised Site Investigation Work Plan – 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33 (dated April 12, received May 12) Attachment 1 Soil Vapor Sampling Protocol

Imported From:

iHEER System - Documents

Date : May 12, 2020
Document No: 175121
Type: Site Characterization Work Plan
Title: Revised Site Investigation Work Plan – 868 Queen Street Honolulu, Oahu, Hawaii TMK: (1) 2-1-049: Parcels 11, 32, & 33 (dated April 12, submitted May 12)

Imported From:

iHEER System - Documents

Date : Nov 5, 2019
Document No: 171989
Type: Site Characterization Work Plan
Title: Sampling and Analysis Plan and Quality Assurance Project Plan for Supplemental Environmental Assessment at 868 Queen Street Project Site (868 Queen Street and 819, 835, and 841 Kawaiahao Street), Honolulu, Hawaii

Imported From:

iHEER System - Documents

Date : Apr 19, 2021
Document No: 179518
Type: Phase II Environmental Site Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Site Investigation Report – 868 Queen Street Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Apr 19, 2019
Document No: 172159
Type: Site Characterization Report
Title: SOIL SCREENING SAMPLING AND ANALYSIS 868 QUEEN STREET HONOLULU, HI 96813
Imported From:

iHEER System - Locations Details

Locations ID: 3944
Location Type: CEHMP
Description: CEHMP 868 Queen St plus
Comment :
Centroid: POINT (-157.8550998591825 21.299205584262868)
Geometry:

POLYGON ((-157.85510420424862 21.298671754854883, -157.85466968638775 21.298989129188097, -157.8553026877203 21.299766318558888, -157.8555333576939 21.299591388833264, -157.85508006436993 21.29904410734925, -157.85528391225714 21.298894166860919, -157.85510420424862 21.298671754854883))

iHEER System - Locations Details

Locations ID: 3945
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.855059 21.299241999999992)
Geometry:

POINT (-157.855059 21.299241999999992)

Site Details

Centroid: POINT (-157.855059 21.299241999999992)
Updated On: 11/21/2021 4:23:03 PM
Coordinates: 21.299241999999992,-157.855059

iHEER System - Aliases

Name: 841 Kawaiahao Street

iHEER System - Aliases

Name: 868 Queen Street, 819, 835 and 841 Kawaiahao Street

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: 819 Kawaiahao Street

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		868 Queen Street				
<u>iHEER System - Aliases</u>						
Name:		American Linen 837 Kawaiahao St				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Unranked Site				
<u>iHEER System - Aliases</u>						
Name:		835 Kawaiahao Street				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				

218	1 of 2	S	0.63 / 3,342.73	9.85 / 7	Kewalo Incinerator Landfill 709 Kelikoi St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 329
Site Name (Public iHEER): Kewalo Incinerator Landfill
Aliases (Public iHEER): Brownfields Closed Incomplete Characterization, Kakaako Makai
Street (Public iHEER): 709 Kelikoi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/2/2019 2:51:41 PM
Ms Access ID (Public iHEER): 554
Suppl Loc (Public iHEER): 709 Kelikoi St
Tax Map Keys (Public iHEER): 121058041, 121058048, 121058082, 121058083, 121058086, 121060001, 121060003, 121060008, 121060013, 121060015

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

iHEER ID (PORTAL): 329
Site Name (PORTAL): Kewalo Incinerator Landfill
Loc Desc (PORTAL): 709 Kelikoi St
Address (PORTAL): 709 Kelikoi St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA - UNCONFIRMED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/329/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 30, 1990
Document No: 37003
Type: Undetermined
Title: Seawall for Kakaako Waterfront Park USA COE Public Notice PODCO215
Imported From: 3939#\Heersharepoint1\facilitiesite%20documents\3939.pdf

iHEER System - Documents

Date : Jun 4, 1990
Document No: 36997
Type: Undetermined
Title: Seawall Renovation for Kakaako Waterfront Park, USACOE Public Notice No PODOC 2145
Imported From: 3937#\Heersharepoint1\facilitiesite%20documents\3937.pdf

iHEER System - Documents

Date : Dec 5, 1989
Document No: 37015
Type: Undetermined
Title: Western States Hazardous Waste Project Memorandum No 389...
Imported From: 4032#\Heersharepoint1\facilitiesite%20documents\4032.pdf

iHEER System - Documents

Date : Aug 17, 1989
Document No: 37007
Type: Undetermined
Title: Work Plan, Remedial Investigation / Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI
Imported From: 38723#\Heersharepoint1\facilitiesite%20documents\38723.pdf

iHEER System - Documents

Date : Jun 19, 1989
Document No: 37048
Type: Undetermined
Title: Work Plan, Remedial Investigation and Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI
Imported From: 38712#\Heersharepoint1\facilitiesite%20documents\38712.pdf

iHEER System - Documents

Date : Mar 26, 1990
Document No: 37052
Type: Undetermined
Title: Environmental Air Monitoring Kewalo Municipal Incinerator Landfill, Honolulu HI
Imported From: 38717#\Heersharepoint1\facilitiesite%20documents\38717.pdf

iHEER System - Documents

Date : Jan 11, 1989
Document No: 36986
Type: Undetermined
Title: Environmental and Regulatory Implications: Kewalo Incinerator Landfill
Imported From: 4041#\Heersharepoint1\facilitiesite%20documents\4041.pdf

iHEER System - Documents

Date : May 16, 1989

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			37043			
Type:			Undetermined			
Title:			Environmental Protection Agency's Kewalo Landfill Preliminary Assessment			
Imported From:			47248#\Heersharepoint1\facilitiesite%20documents\47248.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 17, 1993			
Document No:			37039			
Type:			Undetermined			
Title:			Facility Information / Data Base Form - Re: Ash from Site disposed on site and capped to become a park			
Imported From:			113375#\Heersharepoint1\facilitiesite%20documents\113375.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 4, 1990			
Document No:			37057			
Type:			Undetermined			
Title:			Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume I (Sections 1 through 5)			
Imported From:			61075#\Heersharepoint1\facilitiesite%20documents\61075.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 23, 1990			
Document No:			37054			
Type:			Undetermined			
Title:			Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume I (Sections 1 through 5 and Appendix AA)			
Imported From:			61076#\Heersharepoint1\facilitiesite%20documents\61076.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 4, 1990			
Document No:			37036			
Type:			Undetermined			
Title:			Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume II Appendix A - Field Data			
Imported From:			61074#\Heersharepoint1\facilitiesite%20documents\61074.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 1990			
Document No:			36992			
Type:			Undetermined			
Title:			Application for Department of the Army Permit and Federal Coastal Zone Consistency Determination for Kakaako Waterfront Park Seawall and Promenade			
Imported From:			4040#\Heersharepoint1\facilitiesite%20documents\4040.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 26, 1990			
Document No:			37012			
Type:			Undetermined			
Title:			Application for Department of the Army Permit for the Proposed Kakaako Waterfront Park			
Imported From:			4031#\Heersharepoint1\facilitiesite%20documents\4031.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 26, 1990			
Document No:			37016			
Type:			Undetermined			
Title:			Application for Department of the Army Permit for the Proposed Kakaako Waterfront Park			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		4035#\Heersharepoint1\facilitiesite%20documents\4035.pdf				
<u>iHEER System - Documents</u>						
Date :	Jan 4, 1990					
Document No:	37055					
Type:	Undetermined					
Title:	Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume III Appendix B-Chemistry Data)					
Imported From:	38714#\Heersharepoint1\facilitiesite%20documents\38714.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 4, 1990					
Document No:	37053					
Type:	Undetermined					
Title:	Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume IV Appendix B-Chemistry Data) (Continued)					
Imported From:	38713#\Heersharepoint1\facilitiesite%20documents\38713.pdf					
<u>iHEER System - Documents</u>						
Date :	Oct 25, 2017					
Document No:	183171					
Type:	Undetermined					
Title:	Ground Repair at Kakaako Waterfront Park					
Imported From:						
<u>iHEER System - Documents</u>						
Date :	May 16, 1989					
Document No:	37044					
Type:	Undetermined					
Title:	Harding Lawson & Associates Fort Ord Investigation					
Imported From:	47247#\Heersharepoint1\facilitiesite%20documents\47247.pdf					
<u>iHEER System - Documents</u>						
Date :	May 16, 1989					
Document No:	36994					
Type:	Undetermined					
Title:	HLA Proposal: Kewalo Landfill RI/FS Study					
Imported From:	3941#\Heersharepoint1\facilitiesite%20documents\3941.pdf					
<u>iHEER System - Documents</u>						
Date :	Oct 3, 1989					
Document No:	37022					
Type:	Undetermined					
Title:	HLA-Kewalo Incinerator Landfill - Remedial Investigation					
Imported From:	3919#\Heersharepoint1\facilitiesite%20documents\3919.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 16, 1993					
Document No:	37032					
Type:	Undetermined					
Title:	Incinerator Ash - Kewalo Incinerator					
Imported From:	113382#\Heersharepoint1\facilitiesite%20documents\113382.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 19, 1990
Document No: 37014
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill Feasibility Study
Imported From: 3920#\Heersharepoint1\facilitysite%20documents\3920.pdf

iHEER System - Documents

Date : Mar 19, 1990
Document No: 37005
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill Feasibility Study
Imported From: 4030#\Heersharepoint1\facilitysite%20documents\4030.pdf

iHEER System - Documents

Date : Jun 22, 1990
Document No: 37050
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill Remedial Site Investigation/Plan
Imported From: 47275#\Heersharepoint1\facilitysite%20documents\47275.pdf

iHEER System - Documents

Date : Mar 7, 1990
Document No: 36989
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill Revocable Permit No S-6117
Imported From: 3940#\Heersharepoint1\facilitysite%20documents\3940.pdf

iHEER System - Documents

Date : Aug 1, 1991
Document No: 37018
Type: Undetermined
Title: Letter Report Perimeter Monitoring for Fugitive Dust Kakaako Waterfront Park, Honolulu HI
Imported From: 3955#\Heersharepoint1\facilitysite%20documents\3955.pdf

iHEER System - Documents

Date : Jan 30, 1990
Document No: 37066
Type: Undetermined
Title: Baseline Marine Biological Surveys for Bioaccumulation Studies at Kakaako
Imported From: 38719#\Heersharepoint1\facilitysite%20documents\38719.pdf

iHEER System - Documents

Date : Dec 18, 1989
Document No: 36988
Type: Undetermined
Title: Bioaccumulation Study for Kewalo Incinerator Landfill
Imported From: 3935#\Heersharepoint1\facilitysite%20documents\3935.pdf

iHEER System - Documents

Date : Dec 18, 1989
Document No: 37046
Type: Undetermined
Title: Bioaccumulation Study for Kewalo Municipal Incinerator Landfill

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		3922#\Heersharepoint1\facilitiesite%20documents\3922.pdf				
<u>iHEER System - Documents</u>						
Date :	May 1, 1992					
Document No:	37023					
Type:	Undetermined					
Title:	Building Renovation and/or Demolition of the Kewalo and Kapalama Incinerators					
Imported From:	4087#\Heersharepoint1\facilitiesite%20documents\4087.pdf					
<u>iHEER System - Documents</u>						
Date :	May 21, 1990					
Document No:	37001					
Type:	Undetermined					
Title:	Comments on Department of the Army permit application for the seawall for the Kakaako Waterfront Park					
Imported From:	4033#\Heersharepoint1\facilitiesite%20documents\4033.pdf					
<u>iHEER System - Documents</u>						
Date :	Oct 7, 1989					
Document No:	37040					
Type:	Undetermined					
Title:	Comments on Harding Lawson's Draft Remedial Investigation Report, Kewalo Incinerator Landfill					
Imported From:	47243#\Heersharepoint1\facilitiesite%20documents\47243.pdf					
<u>iHEER System - Documents</u>						
Date :	May 25, 1989					
Document No:	37051					
Type:	Undetermined					
Title:	Comments on Harding Lawson's Proposal for the Kewalo Landfill					
Imported From:	47245#\Heersharepoint1\facilitiesite%20documents\47245.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 3, 1989					
Document No:	37056					
Type:	Undetermined					
Title:	Job Health and Safety Plan Kewalo Municipal Incinerator Landfill, Honolulu HI					
Imported From:	38724#\Heersharepoint1\facilitiesite%20documents\38724.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 13, 1990					
Document No:	37019					
Type:	Undetermined					
Title:	Kakaako Landfill CERCLIS ID (HID980497226)					
Imported From:	3956#\Heersharepoint1\facilitiesite%20documents\3956.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 25, 1989					
Document No:	37041					
Type:	Undetermined					
Title:	Kakaako Landfill Site and Potential Occupational Exposure					
Imported From:	47250#\Heersharepoint1\facilitiesite%20documents\47250.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Feb 19, 1997			
Document No:			37049			
Type:			Undetermined			
Title:			Kakaako Waterfront Park			
Imported From:			1997-078#Q:\1997 Final Correspondence (Day File)\97-078-RK.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 1990			
Document No:			37034			
Type:			Undetermined			
Title:			Kakaako Waterfront Park Honolulu HI. Applicant Hawaii Community Development Authority			
Imported From:			113380#\Heersharepoint1\facilitsite%20documents\113380.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 10, 1990			
Document No:			36993			
Type:			Undetermined			
Title:			Kakaako Waterfront Park, Phase I Special Management Area (SMA) Shoreline Setback Variance (SSV)			
Imported From:			3946#\Heersharepoint1\facilitsite%20documents\3946.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 21, 1990			
Document No:			36999			
Type:			Undetermined			
Title:			Kakaako Waterfront Park, TMK 1-2-1-060-002			
Imported From:			3947#\Heersharepoint1\facilitsite%20documents\3947.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 6, 1991			
Document No:			37017			
Type:			Undetermined			
Title:			Letter Report Water Quality Monitoring Kakaako Waterfront Park, Honolulu HI			
Imported From:			3954#\Heersharepoint1\facilitsite%20documents\3954.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1989			
Document No:			37060			
Type:			Undetermined			
Title:			Makai Area Plan Kakaako Community Development District, Honolulu HI			
Imported From:			38721#\Heersharepoint1\facilitsite%20documents\38721.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 12, 1990			
Document No:			37010			
Type:			Undetermined			
Title:			Marine Bioaccumulation Study and Environmental Air Monitoring Reports, Kewalo Municipal Landfill			
Imported From:			3957#\Heersharepoint1\facilitsite%20documents\3957.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 6, 1990			
Document No:			37064			
Type:			Undetermined			
Title:			Marine Bioaccumulation Study Kewalo Municipal Incinerator Landfill, Honolulu HI			
Imported From:			38718#\Heersharepoint1\facilitsite%20documents\38718.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 4, 1990
Document No: 37009
Type: Undetermined
Title: National Marine Fisheries Service has reviewed Public Notice PODCO 2145...
Imported From: 4034#\Heersharepoint1\facilitysite%20documents\4034.pdf

iHEER System - Documents

Date : Aug 10, 1990
Document No: 37042
Type: Undetermined
Title: Phase I Kakaako Waterfront Park Blueprints
Imported From: 125652#\Heersharepoint1\facilitysite%20documents\125652.pdf

iHEER System - Documents

Date : Jul 1, 1993
Document No: 37065
Type: Undetermined
Title: Phase I Kakaako Waterfront Park Figures
Imported From: 122955#\Heersharepoint1\facilitysite%20documents\122955.pdf

iHEER System - Documents

Date : Aug 9, 1989
Document No: 37045
Type: Undetermined
Title: Comments on Supplemental EIS for Kakaako Waterfront Area
Imported From: 47244#\Heersharepoint1\facilitysite%20documents\47244.pdf

iHEER System - Documents

Date : Apr 9, 1981
Document No: 37031
Type: Undetermined
Title: Concentrations of Chlorinated Hydrocarbons in Bottom Sediments from Nearshore Marine Waters in Hawaii
Imported From: 113377#\Heersharepoint1\facilitysite%20documents\113377.pdf

iHEER System - Documents

Date : Aug 8, 1990
Document No: 37020
Type: Undetermined
Title: Conservation District Use Application (CDUA)
Imported From: 4028#\Heersharepoint1\facilitysite%20documents\4028.pdf

iHEER System - Documents

Date : Jan 18, 1989
Document No: 182829
Type: Memo
Title: Correspondence
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Dec 6, 1988			
Document No:			37061			
Type:			Undetermined			
Title:			Data, Conclusions and Recommendations form a Preliminary Investigation of the Kewalo Incinerator Landfill			
Imported From:			38726#\Heersharepoint1\facilitsite%20documents\38726.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 1978			
Document No:			37037			
Type:			Undetermined			
Title:			Distribution of Heavy Metals, Chlorinated Pesticides, and PCBs in Hawaiian Estuarine Environment			
Imported From:			113376#\Heersharepoint1\facilitsite%20documents\113376.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 8, 1990			
Document No:			37027			
Type:			Undetermined			
Title:			Draft Feasibility Study - Kewalo Municipal Incinerator Landfill			
Imported From:			113367#\Heersharepoint1\facilitsite%20documents\113367.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 7, 1994			
Document No:			37002			
Type:			Undetermined			
Title:			Kewalo Incinerator Hazardous Materials Removal			
Imported From:			4027#\Heersharepoint1\facilitsite%20documents\4027.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 9, 1990			
Document No:			36985			
Type:			Undetermined			
Title:			Kewalo Incinerator Landfill			
Imported From:			3936#\Heersharepoint1\facilitsite%20documents\3936.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 5, 1989			
Document No:			37030			
Type:			Undetermined			
Title:			Kewalo Incinerator Landfill Summary of Findings			
Imported From:			113379#\Heersharepoint1\facilitsite%20documents\113379.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 26, 1989			
Document No:			36996			
Type:			Undetermined			
Title:			Kewalo Municipal Incinerator Landfill			
Imported From:			3931#\Heersharepoint1\facilitsite%20documents\3931.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 28, 1989			
Document No:			36984			
Type:			Undetermined			
Title:			Kewalo Municipal Incinerator Landfill			
Imported From:			3927#\Heersharepoint1\facilitsite%20documents\3927.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 12, 1990
Document No: 36995
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill
Imported From: 3934#\Heersharepoint1\facilitiesite%20documents\3934.pdf

iHEER System - Documents

Date : Jun 6, 1989
Document No: 37013
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill
Imported From: 3933#\Heersharepoint1\facilitiesite%20documents\3933.pdf

iHEER System - Documents

Date : Jun 12, 1990
Document No: 37059
Type: Undetermined
Title: Kewalo Municipal Incinerator Landfill
Imported From: 47276#\Heersharepoint1\facilitiesite%20documents\47276.pdf

iHEER System - Documents

Date : Jul 17, 1989
Document No: 37033
Type: Undetermined
Title: Preparation Notice for a Supplemental Environmental Impact Statement (EIS) for the Amended Makai Area Plan in the Kakaako Waterfront Area
Imported From: 113378#\Heersharepoint1\facilitiesite%20documents\113378.pdf

iHEER System - Documents

Date : Oct 13, 1989
Document No: 36987
Type: Undetermined
Title: Proposed Amendments to the Kakaako Area Plan and Rules
Imported From: 3958#\Heersharepoint1\facilitiesite%20documents\3958.pdf

iHEER System - Documents

Date : May 5, 1990
Document No: 36991
Type: Undetermined
Title: Public Notice No PODCO 2145
Imported From: 4039#\Heersharepoint1\facilitiesite%20documents\4039.pdf

iHEER System - Documents

Date : Apr 18, 1990
Document No: 36990
Type: Undetermined
Title: Public Notice No PODCO 2145 (Apr 10, 1990) Seawall Renovation, Kakaako Peninsula Waterfront
Imported From: 4038#\Heersharepoint1\facilitiesite%20documents\4038.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jun 1, 1990			
Document No:			37021			
Type:			Undetermined			
Title:			Public Notice PODCO 2145, Application for Department of the Army Permit for Construction of Phase I, Kakaako Waterfront Park, Honolulu HI			
Imported From:			3938#\Heersharepoint1\facilitiesite%20documents\3938.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 1990			
Document No:			37011			
Type:			Undetermined			
Title:			Public Notice PODCO 2145, Hawaii Community Development Authority, Application for Department of the Army Permit for Construction of Phase I - Kakaako Waterfront Park			
Imported From:			4036#\Heersharepoint1\facilitiesite%20documents\4036.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 1989			
Document No:			37062			
Type:			Undetermined			
Title:			Draft Makai Area Rules Kakaako Community Development District			
Imported From:			38720#\Heersharepoint1\facilitiesite%20documents\38720.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 4, 1989			
Document No:			183170			
Type:			Memo			
Title:			Draft Proposal for Investigation of the Kewalo Municipal Landfill Site			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 12, 1989			
Document No:			37058			
Type:			Undetermined			
Title:			Draft Remedial Investigation Kewalo Municipal Incinerator Landfill, Honolulu HI			
Imported From:			38716#\Heersharepoint1\facilitiesite%20documents\38716.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 21, 1989			
Document No:			37006			
Type:			Undetermined			
Title:			Draft SAP, Remedial Investigation / Feasibility Study Kewalo Municipal Incinerator Landfill			
Imported From:			38711#\Heersharepoint1\facilitiesite%20documents\38711.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 15, 1989			
Document No:			37024			
Type:			Undetermined			
Title:			Draft Supplemental Environmental Impact Statement for the Kakaako Makai Area			
Imported From:			3924#\Heersharepoint1\facilitiesite%20documents\3924.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 1990			
Document No:			37047			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Kewalo Municipal Incinerator Landfill - A Summary of Environmental Studies and Reports	
Imported From:					113374#\Heersharepoint1\facilitiesite%20documents\113374.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 27, 1989	
Document No:					36998	
Type:					Undetermined	
Title:					Kewalo Municipal Incinerator Landfill DLNR Revocable Permit No S-6117	
Imported From:					3928#\Heersharepoint1\facilitiesite%20documents\3928.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 18, 1989	
Document No:					37004	
Type:					Undetermined	
Title:					Quality Control Samples Remedial Investigation / Feasibility Study Kewalo Municipal Incinerator	
Imported From:					3929#\Heersharepoint1\facilitiesite%20documents\3929.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 13, 1990	
Document No:					37029	
Type:					Undetermined	
Title:					Re: Kapaa Landfill (CERCLIS ID HID980497176) / Kakaako Landfill (CERCLIS ID HID980497226)	
Imported From:					\facilitiesite documents\media113059\113059.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 16, 1989	
Document No:					37068	
Type:					Undetermined	
Title:					Remedial Investigation Kewalo Municipal Incinerator Landfill, Honolulu HI	
Imported From:					38715#\Heersharepoint1\facilitiesite%20documents\38715.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 23, 1990	
Document No:					37035	
Type:					Undetermined	
Title:					Request for Comments on the Kakaako Conservation District Use Application	
Imported From:					47271#\Heersharepoint1\facilitiesite%20documents\47271.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 11, 1990	
Document No:					37026	
Type:					Undetermined	
Title:					Request for Comments, Conservation District Use Application	
Imported From:					4029#\Heersharepoint1\facilitiesite%20documents\4029.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 12, 1990	
Document No:					37028	
Type:					Undetermined	
Title:					Request for Information, Atlas Electric, 633 Halekauwila St and Kewalo incinerator Ala Moana Blvd, Honolulu	
Imported From:					47274#\Heersharepoint1\facilitiesite%20documents\47274.pdf	

iHEER System - Documents

Date : Apr 18, 1989
Document No: 37000
Type: Undetermined
Title: Response to draft Proposal for Investigation of the Kewalo Municipal Landfill Site
Imported From: 47249#\Heersharepoint1\facilitiesite%20documents\47249.pdf

iHEER System - Documents

Date : Mar 10, 2016
Document No: 183103
Type: Undetermined
Title: Revised Draft Letter Report Kakaako Waterfront Park Ash Landfill Assessment
Imported From:

iHEER System - Documents

Date : Mar 12, 1992
Document No: 37025
Type: Undetermined
Title: Sampling Plan for Post Construction Air Monitoring, Kakaako Waterfront Park
Imported From: 4085#\Heersharepoint1\facilitiesite%20documents\4085.pdf

iHEER System - Documents

Date : Feb 24, 1992
Document No: 37067
Type: Undetermined
Title: Sampling Plan Kakaako Waterfront Park Post construction Air Monitoring, Kakaako, Oahu HI
Imported From: 4086#\Heersharepoint1\facilitiesite%20documents\4086.pdf

iHEER System - Documents

Date : Aug 11, 1989
Document No: 37063
Type: Undetermined
Title: SAP, Remedial Investigation / Feasibility Study, Kewalo Municipal Incinerator Landfill
Imported From: 38722#\Heersharepoint1\facilitiesite%20documents\38722.pdf

iHEER System - Locations Details

Locations ID: 1741
Location Type: SC
Description:
Comment : Centroid, TMK 121060003; PrimaryTemp; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.864141 21.293823999999979)
Geometry:

POINT (-157.864141 21.293823999999979)

Site Details

Centroid: POINT (-157.864141 21.293823999999979)
Updated On: 10/2/2019 2:51:41 PM
Coordinates: 21.293823999999979,-157.864141

iHEER System - Aliases

Name: Kakaako Makai

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

218	2 of 2	S	0.63 / 3,342.73	9.85 / 7	Kakaako Maintenance Shed 709 Kelikoi St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 306
Site Name (Public iHEER): Kakaako Maintenance Shed
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 3
Street (Public iHEER): 709 Kelikoi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/13/2020 1:24:42 PM
Ms Access ID (Public iHEER): 2525
Suppl Loc (Public iHEER): 709 Kelikoi St
Tax Map Keys (Public iHEER): 121060008
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 306
Site Name (PORTAL): Kakaako Maintenance Shed
Loc Desc (PORTAL): 709 Kelikoi St
Address (PORTAL): 709 Kelikoi St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/306/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Nov 19, 2015
Document No: 183109
Type: Undetermined
Title: Analytical Report by TestAmerica DAGS Kakaako
Imported From:

iHEER System - Documents

Date : Dec 31, 2015
Document No: 152769
Type: Environmental Hazard Management Plan
Title: EHE and EHMP Former Kakaako Maintenance shed Honolulu, Oahu, HI, TMK 1-2-1-060-8 (por)
Imported From: 116568#\Heersharepoint1\facilitiesite%20documents\116568.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 7, 2015
Document No: 152771
Type: Undetermined
Title: EHE and EHMP, Former Kakaako Maintenance Shed, Honolulu, Oahu HI, TMK 1-2-1-060-008 (por)
Imported From: \facilitysite documents\media116603\EHE-EHMP_Kakaako Shed_Final.pdf

iHEER System - Documents

Date : Jan 7, 2015
Document No: 152770
Type: Undetermined
Title: EHE and EHMP, Former Kakaako Maintenance Shed, Honolulu, Oahu HI, TMK 1-2-1-060-008 (por)
Imported From: \facilitysite documents\media116603\116603.pdf

iHEER System - Documents

Date : Nov 10, 2014
Document No: 183110
Type: Undetermined
Title: Plans & Photos
Imported From:

iHEER System - Locations Details

Locations ID: 3322
Location Type: SC
Description: Kakaako Maintenance Shed
Comment :
Centroid: POINT (-157.86373399999997 21.294772999999992)
Geometry:

POINT (-157.86373399999997 21.294772999999992)

iHEER System - Locations Details

Locations ID: 7110
Location Type: EHMP
Description: EHMP Kakaako Maint. Shed
Comment : Google maps and Doc 152769
Centroid: POINT (-157.86370940648166 21.294816385997354)
Geometry:

POLYGON ((-157.86394857672209 21.294809286630311, -157.86383592394301 21.294929242367004, -157.8638104429605 21.294953033578253, -157.86380776075276 21.294948035425179, -157.86366292146283 21.29484557325269, -157.86350198892643 21.294725617447728, -157.86352210549347 21.294701826199674, -157.86354892757993 21.29466933814739, -157.86382787731978 21.294884258977657, -157.8639217546357 21.294784295839658, -157.86394857672209 21.294809286630311))

Site Details

Centroid: POINT (-157.86373399999997 21.294772999999992)
Updated On: 10/13/2020 1:24:42 PM
Coordinates: 21.294772999999992,-157.86373399999997

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Kakaako Brownfield Project - Unit 3				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Brownfield Project				

219	1 of 1	N	0.64 / 3,389.21	3.28 / 0	Iwilei Center VRP Site 34 866 iwilei Road Honolulu HI	SHWS
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iHEER ID (Public iHEER): 2826
Site Name (Public iHEER): Iwilei Center VRP Site 34
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Unranked Site, Iwilei Center, LLC, SLR 3.2ft Flooding
Street (Public iHEER): 866 iwilei Road
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): VRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/17/2022 9:21:07 AM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 866 Iwilei Road, 414 Kuwili Street, 418 Kuwili Street, 420 Kuwili Street and 505 Kaaahi Street., Honolulu, Hawaii 96817 (TMK 1-1-5-7-9 and 1-1-5-7-29), and 850 Iwilei Road and 860 Iwilei Road (TMK 1-1-5-7-30) 115007009, 115007029, 115007030
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2826
Site Name (PORTAL): Iwilei Center VRP Site 34
Loc Desc (PORTAL): 866 Iwilei Road, 414 Kuwili Street, 418 Kuwili Street, 420 Kuwili Street and 505 Kaaahi Street., Honolulu, Hawaii 96817 (TMK 1-1-5-7-9 and 1-1-5-7-29), and 850 Iwilei Road and 860 Iwilei Road (TMK 1-1-5-7-30)
Address (PORTAL): 866 iwilei Road
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): VRP
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2826/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jan 9, 2020
Document No: 172692
Type: Site Characterization Work Plan
Title: Appendices for VRP Task 3 Detailed Work Plan VRP-34
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 5, 2022
Document No: 196541
Type: Cost Bill
Title: August 2022 Invoice VRP-34 Iwilei Center
Imported From:

iHEER System - Documents

Date : May 18, 2022
Document No: 184396
Type: Comment Letter
Title: Comments on Draft Response Action Memorandum and Public Participation Plan
Imported From:

iHEER System - Documents

Date : Sep 9, 2019
Document No: 171148
Type: Comment Letter
Title: Comments on Draft Task 2 General Work Plan
Imported From:

iHEER System - Documents

Date : Dec 23, 2019
Document No: 172519
Type: Comment Letter
Title: Comments on Draft Task 3 Detailed Work Plan Submittal for VRP Site VRP-34, dated December 18, 2019
Imported From:

iHEER System - Documents

Date : Jun 8, 2021
Document No: 179980
Type: Comment Letter
Title: Comments on Draft Task 6 EHE
Imported From:

iHEER System - Documents

Date : Feb 24, 2023
Document No: 199693
Type: Comment Letter
Title: Comments on Revised Draft Remedial Alternatives Analysis Task 5
Imported From:

iHEER System - Documents

Date : Mar 2, 2021
Document No: 178917
Type: Review Letter
Title: Comments on Revised VRP TASK 4 – SITE CHARACTERIZATION Iwilei Center Submitted March 1, 2021
Imported From:

iHEER System - Documents

Date : Oct 1, 2020
Document No: 176736

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Comment Letter	
Title:					Comments on VRP Task 4 Site Characterization Report	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 6, 2021	
Document No:					181588	
Type:					Comment Letter	
Title:					Comments on VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Oct 2, 2020	
Document No:					176783	
Type:					Review Letter	
Title:					Review of VRP-34 Task 6 – Risk Assessment Work Plan for Iwilei Center	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 23, 2023	
Document No:					202755	
Type:					Undetermined	
Title:					Revised Draft Public Participation Plan	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jan 29, 2023	
Document No:					200142	
Type:					Remedial Alternatives Analysis Report	
Title:					Revised Draft VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS Iwilei Center	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 17, 2019	
Document No:					170526	
Type:					Undetermined	
Title:					Cover Letter for initial VRP payment	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 23, 2023	
Document No:					202756	
Type:					Response Action Memorandum	
Title:					Draft Final Revised Response Action Memorandum	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 14, 2022	
Document No:					184391	
Type:					Undetermined	
Title:					Draft PUBLIC PARTICIPATION PLAN	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 22, 2019
Document No: 171138
Type: Remedial Investigation Work Plan
Title: DRAFT VRP Task 2 General Work Plan
Imported From:

iHEER System - Documents

Date : May 17, 2021
Document No: 179879
Type: Environmental Hazard Evaluation Report
Title: Draft VRP Task 6 - Environmental Hazard Evaluation Iwilei Center
Imported From:

iHEER System - Documents

Date : Apr 2, 2020
Document No: 173742
Type: Agreement
Title: First Addendum to Voluntary Response Program Agreement
Imported From:

iHEER System - Documents

Date : May 23, 2019
Document No: 170486
Type: Undetermined
Title: Hawaii Voluntary Response Program Application for Iwilei Center
Imported From:

iHEER System - Documents

Date : Jul 22, 2019
Document No: 170492
Type: Environmental Assessment
Title: Letter Report – VRP-34 Task 1 - Summary of Historical Operations Associated with the Former Hawaiian Gas Products Facility, Iwilei Center
Imported From:

iHEER System - Documents

Date : Jun 12, 2019
Document No: 170484
Type: Notice of Undertaking
Title: Letter to OEQC re: Notification of Application to Participate in Hawaii Voluntary Response Program
Imported From:

iHEER System - Documents

Date : Jul 25, 2019
Document No: 170490
Type: Site Characterization Report
Title: REVISED Soil Vapor Screening Assessment Iwilei Center
Imported From:

iHEER System - Documents

Date : Jun 2, 2023

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		202499				
Type:		Remedial Alternatives Analysis Report				
Title:		Revised VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS (revision 3)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2022				
Document No:		183367				
Type:		Remedial Alternatives Analysis Report				
Title:		Revised VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS Iwilei Center				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 13, 2021				
Document No:		180541				
Type:		Environmental Hazard Evaluation Report				
Title:		Revised VRP Task 6 - Environmental Hazard Evaluation Iwilei Center				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 27, 2019				
Document No:		172390				
Type:		Remedial Investigation Work Plan				
Title:		RTC for VRP Task 2 General Work Plan Iwilei Center				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 27, 2019				
Document No:		170488				
Type:		Site Characterization Report				
Title:		Soil Vapor Screening Assessment Iwilei Center				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 18, 2020				
Document No:		173741				
Type:		Undetermined				
Title:		transmittal letter for First Addendum to Voluntary Response Program Agreement				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2021				
Document No:		178698				
Type:		Site Characterization Report				
Title:		Updated Final Revised VRP TASK 4 – SITE CHARACTERIZATION Iwilei Center 866 Iwilei Road				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 14, 2019				
Document No:		170485				
Type:		Agreement				
Title:		Voluntary Response Program Agreement Between Iwilei Center, LLC and the State of Hawaii Department of Health				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 19, 2022
Document No: 184425
Type: Undetermined
Title: Address Change request for Iwilei Center LLC
Imported From:

iHEER System - Documents

Date : May 24, 2022
Document No: 184614
Type: Undetermined
Title: Official Address Change Request Letter
Imported From:

iHEER System - Documents

Date : May 21, 2019
Document No: 171008
Type: Phase I Environmental Site Assessment
Title: Phase I Environmental Site Assessment_Iwilei Center_866 Iwilei Rd_505 Kaaahi St_850 Iwilei Rd_REDUCED
Imported From:

iHEER System - Documents

Date : Dec 19, 2019
Document No: 172459
Type: Undetermined
Title: Receipt for VRP Application Fee and VRP Initial Deposit
Imported From:

iHEER System - Documents

Date : May 25, 2022
Document No: 184501
Type: Response to Comments
Title: Response to 184396 SL – Regarding VRP Task 7 – Draft Response Action Memo and Draft Public Participation Plan
Imported From:

iHEER System - Documents

Date : Jan 9, 2020
Document No: 172690
Type: Undetermined
Title: Response to comments for VRP Task 3 Detailed Work Plan VRP-34
Imported From:

iHEER System - Documents

Date : Aug 15, 2022
Document No: 196584
Type: Comment Letter
Title: Response to May 25, 2022 Notification of Disagreement
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jul 23, 2021
Document No: 180540
Type: Undetermined
Title: Responses to Comments and RTCs for Revised VRP Task 6 - Environmental Hazard Evaluation Iwilei Center
Imported From:

iHEER System - Documents

Date : Jun 23, 2023
Document No: 202754
Type: Response to Comments
Title: Responses to Comments for revised Draft RAM and PPP
Imported From:

iHEER System - Documents

Date : Jan 30, 2023
Document No: 200143
Type: Response to Comments
Title: Responses to Comments on Draft Remedial Action Memorandum
Imported From:

iHEER System - Documents

Date : Nov 27, 2019
Document No: 172389
Type: Remedial Investigation Work Plan
Title: VRP Task 2 General Work Plan Iwilei Center 866 Iwilei Road, 414 Kuwili Street, 418 Kuwili Street, 420 Kuwili Street (TMK (1) 1-5-007:009) and 505 Kaaahi Street (TMK (1) 1-5-007:029), and 850 Iwilei Road and 860 Iwilei Road (TMK (1) 1-5-007:030)
Imported From:

iHEER System - Documents

Date : Dec 18, 2019
Document No: 172596
Type: Remedial Investigation Work Plan
Title: VRP Task 3 Detailed Work Plan Iwilei Center 866 Iwilei Road, 414 Kuwili Street, 418 Kuwili Street, 420 Kuwili Street (TMK (1) 1-5-007:009) and 505 Kaaahi Street (TMK (1) 1-5-007:029), and 850 Iwilei Road and 860 Iwilei Road (TMK (1) 1-5-007:030)
Imported From:

iHEER System - Documents

Date : Jan 9, 2020
Document No: 172691
Type: Site Characterization Work Plan
Title: VRP Task 3 Detailed Work Plan Iwilei Center 866 Iwilei Road, 414 Kuwili Street, 418 Kuwili Street, 420 Kuwili Street (TMK (1) 1-5-007:009) and 505 Kaaahi Street (TMK (1) 1-5-007:029), and 850 Iwilei Road and 860 Iwilei Road (TMK (1) 1-5-007:030) VRP-34
Imported From:

iHEER System - Documents

Date : Aug 21, 2020
Document No: 176722
Type: Site Characterization Report
Title: VRP TASK 4 - SITE CHARACTERIZATION Iwilei Center
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Nov 3, 2021	
Document No:					181466	
Type:					Remedial Alternatives Analysis Report	
Title:					VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 20, 2022	
Document No:					184392	
Type:					Response Action Memorandum	
Title:					VRP TASK 7 – DRAFT RESPONSE ACTION MEMORANDUM	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Sep 3, 2020	
Document No:					176782	
Type:					Undetermined	
Title:					VRP-34 Task 6 – Risk Assessment Work Plan for Iwilei Center	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Mar 3, 2022	
Document No:					183365	
Type:					Response to Comments	
Title:					Responses to Comments on Draft task 5 Remedial Alternatives Analysis	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Feb 3, 2021	
Document No:					178697	
Type:					Undetermined	
Title:					Responses to Comments on Draft VRP TASK 4 – SITE CHARACTERIZATION Iwilei Center 866 Iwilei Road	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 2, 2023	
Document No:					202498	
Type:					Response to Comments	
Title:					Responses to comments on Revised VRP TASK 5 – REMEDIAL ALTERNATIVES ANALYSIS	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 13, 2019	
Document No:					172396	
Type:					Review Letter	
Title:					Review of November 27, 2019 Revision of VRP Task 2 General Work Plan Iwilei Center	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 19, 2023	
Document No:					202500	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Review Letter				
Title:		Review of Responses to Comments and Revised Draft Remedial Alternatives Analysis (revision 3)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2023				
Document No:		203224				
Type:		Review Letter				
Title:		Review of Responses to Comments, Revised Response Action Memorandum and Revised Public Participation Plan				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 8, 2021				
Document No:		180911				
Type:		Review Letter				
Title:		Review of Revised Task 6 and RTCs				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 10, 2022				
Document No:		183400				
Type:		Review Letter				
Title:		Review of Revised Task 5 Remedial Alternatives Analysis and Responses to Comments				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 10, 2020				
Document No:		172700				
Type:		Comment Letter				
Title:		Review of Revised VRP Task 3 Detailed Work Plan Submittal for VRP Site VRP-34, dated January 9, 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2019				
Document No:		170482				
Type:		Review Letter				
Title:		Review of Task 1 Submittals for VRP Site VRP-34				
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:		3620				
Location Type:		SC				
Description:		Iwilei Center VRP Site 34				
Comment :						
Centroid:		POINT (-157.866609 21.316765999999994)				
Geometry:						
POINT (-157.866609 21.316765999999994)						
<u>iHEER System - Locations Details</u>						
Locations ID:		3621				
Location Type:		SB				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description:		Iwilei Center VRP Site 34				
Comment :						
Centroid:		POINT (-157.86659187174948 21.316734008336116)				
Geometry:						

POLYGON ((-157.86609975257036 21.315756426353989, -157.865928091194 21.316096252230626, -157.86617485442304 21.316516036051944, -157.86584226050132 21.31666096113997, -157.86599782862226 21.316870852393411, -157.86620704092491 21.316765906804616, -157.86684540667295 21.317695422270404, -157.86739257731284 21.317365594875461, -157.86650744833577 21.315926339390636, -157.86609975257036 21.315756426353989))

Site Details

Centroid: POINT (-157.866609 21.316765999999994)
Updated On: 5/17/2022 9:21:07 AM
Coordinates: 21.316765999999994,-157.866609

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Unranked Site

iHEER System - Aliases

Name: Iwilei Center, LLC

iHEER System - Aliases

Name: SLR 3.2ft Flooding

220	1 of 1	N	0.65 / 3,442.33	3.28 / 0	Iwilei Project Site 377 N King St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 290
Site Name (Public iHEER): Iwilei Project Site
Aliases (Public iHEER): Brownfields Funded, Contains Senior Residences at Iwilei, 333 & 351 N King Street, Liliha Civic Center, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Iwilei Project Site (Iwilei Brownfields), SLR 3.2ft Flooding
Street (Public iHEER): 377 N King St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/9/2022 11:41:33 AM
Ms Access ID (Public iHEER): 452
Suppl Loc (Public iHEER): Iwilei Rd & N King St
Tax Map Keys (Public iHEER): 115007001, 115007002, 115007014, 115007015, 115007018, 115007066, 115007068, 115007069, 115007071, 115007074, 115007075, 115007078, 115007079, 115007080, 115007081, 115007082, 115007083
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (PORTAL):		290				
Site Name (PORTAL):		Iwilei Project Site				
Loc Desc (PORTAL):		Iwilei Rd & N King St				
Address (PORTAL):		377 N King St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY SELECTED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		SRP				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/290/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Aug 12, 2005
Document No: 29457
Type: Undetermined
Title: Honolulu Community Action Program, 337 & 357 N King St, Iwilei, Oahu, Facility ID 9-101814, Release ID 940111
Imported From: \facilitysite documents\media3042\3042.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 33730
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From: 48996#\Heersharepoint1\facilitysite%20documents\48996.pdf

iHEER System - Documents

Date : May 9, 2002
Document No: 9278
Type: Undetermined
Title: Inorganic Traffic Report & Chain of Custody Record - Case ID 30461 (Kekaha Sugar?)
Imported From: \facilitysite documents\media112690\112690.pdf

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33702
Type: Undetermined
Title: Inorganic/Organic Complete SDG File (CSF) Inventory Checklist
Imported From: 63204#\Heersharepoint1\facilitysite%20documents\63204.pdf

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33715
Type: Undetermined
Title: Inorganic/Organic Complete SDG File (CSF) Inventory Checklist
Imported From: 63205#\Heersharepoint1\facilitysite%20documents\63205.pdf

iHEER System - Documents

Date : Jan 31, 2004
Document No: 33697
Type: Undetermined
Title: Iwilei Brownfield Site Characterization Study - Draft, Honolulu HI
Imported From: 38310#\Heersharepoint1\facilitysite%20documents\38310.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 21, 2013
Document No: 33755
Type: Undetermined
Title: Potential Hawaii Grantees
Imported From: \facilitysite documents\media112715\112715.pdf

iHEER System - Documents

Date : Oct 21, 2013
Document No: 33734
Type: Undetermined
Title: Potential Hawaii Grantees
Imported From: 112584#\Heersharepoint1\facilitysite%20documents\112584.pdf

iHEER System - Documents

Date : Jul 22, 2003
Document No: 9279
Type: Undetermined
Title: Public Record Data TMK 4-3-7-003-020 (Lihue?)
Imported From: \facilitysite documents\media112691\112691.pdf

iHEER System - Documents

Date : May 27, 2003
Document No: 33746
Type: Undetermined
Title: Iwilei Brownfields
Imported From: \facilitysite documents\media112700\112700.pdf

iHEER System - Documents

Date :
Document No: 9274
Type: Undetermined
Title: Iwilei Brownfields Recommended Sample Locations
Imported From: \facilitysite documents\media112698\112698.pdf

iHEER System - Documents

Date : Mar 31, 2004
Document No: 33732
Type: Site Characterization Report
Title: Iwilei Brownfields Site Characterization, Honolulu HI. Project No 3-251-90005
Imported From: 38309#\Heersharepoint1\facilitysite%20documents\38309.pdf

iHEER System - Documents

Date : Jul 17, 2003
Document No: 33713
Type: Undetermined
Title: Iwilei Brownfields Site SAP, Honolulu HI EPA QA Program DCN BNFD094S03VSF1 (DAGS Component)
Imported From: 4240#\Heersharepoint1\facilitysite%20documents\4240.pdf

iHEER System - Documents

Date : Sep 11, 2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			33712			
Type:			Undetermined			
Title:			Iwilei Brownfields Site, Modification 001 (DAGS Component)			
Imported From:			\facilitysite documents\media4237\4237.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 2002			
Document No:			33716			
Type:			Undetermined			
Title:			Iwilei Fruit and Vegetable Warehouse, 920 Iwilei Rd, Honolulu Facility ID 9-103747 HCDCH Component			
Imported From:			\facilitysite documents\media112681\112681.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 11, 2002			
Document No:			9275			
Type:			Undetermined			
Title:			Iwilei Fruits and Produce, 920 Iwilei Rd, Honolulu. Facility ID 9-103747 / Release ID 020031			
Imported From:			\facilitysite documents\media112682\112682.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 1, 2001			
Document No:			9280			
Type:			Undetermined			
Title:			Iwilei Project with Maps			
Imported From:			\facilitysite documents\media112697\112697.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			33745			
Type:			Undetermined			
Title:			Random Site Maps			
Imported From:			\facilitysite documents\media112761\112761.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2002			
Document No:			33728			
Type:			Undetermined			
Title:			Re: DAGS and HCDCH Area maps			
Imported From:			\facilitysite documents\media112674\112674.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2013			
Document No:			9276			
Type:			Undetermined			
Title:			Re: FW: Thursday meeting (Oct 31) 357 N King			
Imported From:			\facilitysite documents\media112713\112713.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 5, 2003			
Document No:			9281			
Type:			Undetermined			
Title:			Re: Iwilei Project Sampling Event			
Imported From:			\facilitysite documents\media112692\112692.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 11, 2002
Document No: 33758
Type: Undetermined
Title: Re: Memo on the findings during the review of "Removal of USTs and Hydraulic Lifts" HCAP
Imported From: \facilitysite documents\media112676\112676.pdf

iHEER System - Documents

Date : Jul 16, 2003
Document No: 33727
Type: Undetermined
Title: Re: Outcome of the meeting on Jun 25, 2003 between HCDCH and DOH
Imported From: \facilitysite documents\media112688\112688.pdf

iHEER System - Documents

Date : Mar 12, 2003
Document No: 33739
Type: Undetermined
Title: Re: Site visit
Imported From: \facilitysite documents\media112685\112685.pdf

iHEER System - Documents

Date : Nov 14, 2013
Document No: 33737
Type: Undetermined
Title: RE: SRP and PA/SI Grant Meetings
Imported From: \facilitysite documents\media112712\112712.pdf

iHEER System - Documents

Date : Apr 25, 2002
Document No: 33726
Type: Undetermined
Title: 4/24/2002 Notice to Close HCDCH Component
Imported From: \facilitysite documents\media112677\112677.pdf

iHEER System - Documents

Date : Oct 15, 2003
Document No: 33696
Type: Undetermined
Title: Analyses Performed Case ID 32133 SDG No Y10S2 Contract No 68-W-03-018
Imported From: 63194#\Heersharepoint1\facilitysite%20documents\63194.pdf

iHEER System - Documents

Date : Oct 1, 2003
Document No: 33698
Type: Undetermined
Title: Analyses Performed Results Case ID 32133 SDG No Y1000
Imported From: 63113#\Heersharepoint1\facilitysite%20documents\63113.pdf

iHEER System - Documents

Date : Mar 10, 2003
Document No: 33741

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Brownfields Assessment Candidate Site: Iwilei Project Site DBEDT Listing				
Imported From:		\\facilitysite documents\media112686\112686.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 22, 2012				
Document No:		33759				
Type:		Undetermined				
Title:		CCLR Workshop				
Imported From:		\\facilitysite documents\media112710\112710.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 17, 2003				
Document No:		9283				
Type:		Undetermined				
Title:		Comments to DOH Scope of Work Hazardous Waste Assessment Senior Residence at Iwilei HCDCH Component				
Imported From:		\\facilitysite documents\media112695\112695.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 24, 2003				
Document No:		33743				
Type:		Undetermined				
Title:		Consent for Access to Property and attached maps (DAGS component?)				
Imported From:		\\facilitysite documents\media112718\112718.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 18, 2003				
Document No:		33740				
Type:		Undetermined				
Title:		Iwilei Right of Entry				
Imported From:		\\facilitysite documents\media112687\112687.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 28, 2003				
Document No:		33710				
Type:		Undetermined				
Title:		Letter regarding brownfields Assessment at HCDCH property in Iwilei				
Imported From:		2003-211#Q:\2003 Final Correspondence (Day File)\03-211-DB.pdf				
<u>iHEER System - Documents</u>						
Date :		May 9, 2001				
Document No:		33721				
Type:		Undetermined				
Title:		Limited Phase II ESA Report, HCDCH Component of the Iwilei Project Site. May 2001				
Imported From:		38311#\Heersharepoint1\facilitysite%20documents\38311.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 10, 2003				
Document No:		33700				
Type:		Undetermined				
Title:		Low Concentration Water Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y1008				
Imported From:		63112#\Heersharepoint1\facilitysite%20documents\63112.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 14, 2003
Document No: 33747
Type: Undetermined
Title: Low Concentration Water Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10R3
Imported From: 63116#\Heersharepoint1\facilitsite%20documents\63116.pdf

iHEER System - Documents

Date : Aug 1, 1992
Document No: 9273
Type: Undetermined
Title: Maps Exhibits 2, 3a, 3b, 4
Imported From: 112701#\Heersharepoint1\facilitsite%20documents\112701.pdf

iHEER System - Documents

Date :
Document No: 33736
Type: Undetermined
Title: Miscellaneous documents
Imported From: 112732#\Heersharepoint1\facilitsite%20documents\112732.pdf

iHEER System - Documents

Date : Apr 23, 2003
Document No: 9284
Type: Undetermined
Title: Requisition & Purchase Order and Worksheet for Taxable Subsistence Allowance for Same Day Travel
Imported From: \facilitsite documents\media112696\112696.pdf

iHEER System - Documents

Date : Feb 19, 2004
Document No: 33756
Type: Undetermined
Title: Review/Comments of the Iwilei Brownfields Site Characterization Study
Imported From: \facilitsite documents\media50914\50914.pdf

iHEER System - Documents

Date : Jul 31, 2003
Document No: 9282
Type: Undetermined
Title: Right of Entry Documents (DAGS Component)
Imported From: \facilitsite documents\media112763\112763.pdf

iHEER System - Documents

Date : Sep 3, 2003
Document No: 33701
Type: Undetermined
Title: Right-of-Entry for Monitoring Wells and Samplings, Iwilei Site-DAGS Portion, Iwilei, Oahu HI
Imported From: 4238#\Heersharepoint1\facilitsite%20documents\4238.pdf

iHEER System - Documents

Date : Jul 25, 2003
Document No: 33703

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Right-of-Entry for Monitoring Wells and Samplings, Iwilei Site-DAGS Portion, Iwilei, Oahu HI				
Imported From:		4239#\Heersharepoint1\facilitysite%20documents\4239.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 31, 2003				
Document No:		33748				
Type:		Undetermined				
Title:		SAP Transmittal				
Imported From:		\facilitysite documents\media112762\112762.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 9, 2003				
Document No:		33725				
Type:		Undetermined				
Title:		SAP, Draft Site Assessment at Iwilei Brownfields Site Iwilei Rd, Honolulu HI (DAGS Component?)				
Imported From:		38306#\Heersharepoint1\facilitysite%20documents\38306.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 17, 2003				
Document No:		9277				
Type:		Undetermined				
Title:		Cost Estimate for Iwilei Brownfields - Proposal #2003-W-0337R1				
Imported From:		\facilitysite documents\media112689\112689.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 30, 2003				
Document No:		33724				
Type:		Undetermined				
Title:		Final Iwilei SAP (DAGS Component)				
Imported From:		38305#\Heersharepoint1\facilitysite%20documents\38305.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 9, 2003				
Document No:		33729				
Type:		Undetermined				
Title:		Full Inorganic Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No MY10N0				
Imported From:		63118#\Heersharepoint1\facilitysite%20documents\63118.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 10, 2003				
Document No:		33704				
Type:		Undetermined				
Title:		Full Inorganics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No MY1008				
Imported From:		63111#\Heersharepoint1\facilitysite%20documents\63111.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2013				
Document No:		33750				
Type:		Undetermined				
Title:		FW: Overview of the Quality Assurance/Quality Control and the Approved EMD Quality Management Plan				
Imported From:		\facilitysite documents\media112711\112711.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 14, 2002
Document No: 33722
Type: Undetermined
Title: Honolulu Community Action Program Facility ID 9-101814, Release ID 940111
Imported From: \facilitysite documents\media112679\112679.pdf

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33705
Type: Undetermined
Title: Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10P4
Imported From: 63119#\Heersharepoint1\facilitysite%20documents\63119.pdf

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33707
Type: Undetermined
Title: Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10P4
Imported From: \facilitysite documents\media63119\Y10P4.O01

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33709
Type: Undetermined
Title: Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10P4
Imported From: \facilitysite documents\media63119\Y10P4.Q20

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33706
Type: Undetermined
Title: Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10P4
Imported From: \facilitysite documents\media63119\Y10P4.O22

iHEER System - Documents

Date : Oct 10, 2003
Document No: 33708
Type: Undetermined
Title: Organics Complete SDG File (CSF) Inventory Sheet Case ID 32133 SDG No Y10P4
Imported From: \facilitysite documents\media63119\Y10P4.Q21

iHEER System - Documents

Date : Jul 10, 1992
Document No: 33720
Type: Phase II Environmental Site Assessment
Title: Phase 2 ESA, Activity VII: Subsurface Soils and Groundwater Investigation, Liliha Civic Center, Honolulu HI. DAGS Job 12-10-4946
Imported From: 38313#\Heersharepoint1\facilitysite%20documents\38313.pdf

iHEER System - Documents

Date : Mar 30, 2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			33733			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I ESA HCDCH Component			
Imported From:			38315#\Heersharepoint1\facilitiesite%20documents\38315.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2003			
Document No:			33723			
Type:			Undetermined			
Title:			SAP, Site Assessment at Iwilei Brownfields Site. Iwilei Rd, Honolulu HI			
Imported From:			38308#\Heersharepoint1\facilitiesite%20documents\38308.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 11, 2003			
Document No:			33699			
Type:			Undetermined			
Title:			Semivolatile Organics Analysis Data Sheet Case ID 32133 SDG No Y1000			
Imported From:			63115#\Heersharepoint1\facilitiesite%20documents\63115.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 8, 2003			
Document No:			196416			
Type:			Undetermined			
Title:			Senior Residences at Iwilei - A'ala Gone, but not forgotten			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 12, 2003			
Document No:			33717			
Type:			Undetermined			
Title:			Services to Perform a Site Investigation at Iwilei Brownfields Site			
Imported From:			4242#\Heersharepoint1\facilitiesite%20documents\4242.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 31, 2013			
Document No:			33752			
Type:			Undetermined			
Title:			SHPD submittal requirements			
Imported From:			\facilitiesite documents\media112714\112714.pdf			
<u>iHEER System - Documents</u>						
Date :			May 24, 2002			
Document No:			33751			
Type:			Undetermined			
Title:			SHWB LUST Facility Inspection Record Facility ID 9-103747 / Release ID 020031			
Imported From:			\facilitiesite documents\media112678\112678.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			33753			
Type:			Undetermined			
Title:			Site Description			
Imported From:			112699#\Heersharepoint1\facilitiesite%20documents\112699.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 8, 2003
Document No: 33738
Type: Undetermined
Title: Soil Permit
Imported From: \facilitysite documents\media112693\112693.pdf

iHEER System - Documents

Date : Feb 26, 1992
Document No: 33754
Type: Undetermined
Title: Phase I ESA Liliha Civic Center Honolulu, Oahu HI
Imported From: \facilitysite documents\media112719\112719.pdf

iHEER System - Documents

Date : Feb 26, 1992
Document No: 33718
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, Liliha Civic Center, Honolulu HI. DAGS Job 12-10-4946
Imported From: 38314#\Heersharepoint1\facilitysite%20documents\38314.pdf

iHEER System - Documents

Date : Oct 21, 2013
Document No: 33735
Type: Undetermined
Title: Potential Hawaii Grantees
Imported From: \facilitysite documents\media112584\112584.pdf

iHEER System - Documents

Date : Jan 15, 2002
Document No: 33731
Type: Undetermined
Title: Status for Liliha Civic Center Project (Former Honolulu Comm. Action Program)
Imported From: \facilitysite documents\media112675\112675.pdf

iHEER System - Documents

Date :
Document No: 33744
Type: Undetermined
Title: Surface Transportation Authority and Efforts to Address Barriers to Sustainability at DOT
Imported From: \facilitysite documents\media112759\112759.pdf

iHEER System - Documents

Date :
Document No: 33749
Type: Undetermined
Title: Table 4-1 Iwilei Brownfields Site Data Tables
Imported From: 112758#\Heersharepoint1\facilitysite%20documents\112758.pdf

iHEER System - Documents

Date : Feb 2, 2004
Document No: 33757

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Updated Coding Sheets for WasteLAN				
Imported From:		\\facilitysite documents\media112673\112673.pdf				

iHEER System - Documents

Date :	Sep 4, 2002
Document No:	33719
Type:	Undetermined
Title:	UST Closure and Release Response Report, Iwilei Project Site, 920 Iwilei Rd, Honolulu HI. DOH Fac ID 9-103747. DOH Release ID 020031
Imported From:	38312#\Heersharepoint1\facilitysite%20documents\38312.pdf

iHEER System - Documents

Date :	Sep 6, 2002
Document No:	33711
Type:	Undetermined
Title:	UST Closure and Release Response Report, Iwilei Project Site, Iwilei Rd, Honolulu HI, DOH Facility ID 9-103747, DOH Release ID 020031
Imported From:	\\facilitysite documents\media4243\4243.pdf

iHEER System - Locations Details

Locations ID:	3319
Location Type:	SC
Description:	King St and Iwilei Rd
Comment :	Google Maps
Centroid:	POINT (-157.864554 21.315584000000005)
Geometry:	

POINT (-157.864554 21.315584000000005)

iHEER System - Locations Details

Locations ID:	9218
Location Type:	SB
Description:	Iwilei Project Site
Comment :	Google Maps and Doc 33721.
Centroid:	POINT (-157.86515695564009 21.315989249231929)
Geometry:	

POLYGON ((-157.86600909839171 21.315731424731375, -157.86586694130952 21.316071250665871, -157.86587498794177 21.316128721151021, -157.8658991278204 21.316161204458211, -157.86611102233081 21.316548504879481, -157.86523662219372 21.316858344480956, -157.86520175347511 21.316868339295368, -157.86516688475652 21.316670941573875, -157.86494694362281 21.316745902765575, -157.86488793502556 21.316506026818764, -157.86479137550191 21.316248659481609, -157.86439709077521 21.316318623462831, -157.86435685764113 21.315141724918213, -157.86436490426436 21.3150992464505, -157.86437831531205 21.315081755313074, -157.86440513739842 21.315076757844739, -157.86442659506935 21.315066762908383, -157.86600909839171 21.315731424731375))

iHEER System - Locations Details

Locations ID:	9219
Location Type:	SFPT
Description:	2000 gal UST Removal
Comment :	Google Maps and Doc 9273
Centroid:	POINT (-157.865713 21.316401999999993)
Geometry:	

POINT (-157.865713 21.316401999999993)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Details						
Centroid:		POINT (-157.864554 21.315584000000005)				
Updated On:		3/9/2022 11:41:33 AM				
Coordinates:		21.315584000000005,-157.864554				
<u>iHEER System - Aliases</u>						
Name:		Iwilei Project Site (Iwilei Brownfields)				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Funded				
<u>iHEER System - Aliases</u>						
Name:		Contains Senior Residences at Iwilei, 333 & 351 N King Street, Liliha Civic Center				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit				

[221](#)

1 of 1

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0.65 /
3,454.60

9.87 /
7

Roberts Hawaii
759 Kelikoi St
Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 1677
Site Name (Public iHEER): Roberts Hawaii
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project
Street (Public iHEER): 759 Kelikoi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Consultation
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 823
Suppl Loc (Public iHEER): 759 Kelikoi St
Tax Map Keys (Public iHEER): 121060003, 121060008
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1677
Site Name (PORTAL): Roberts Hawaii
Loc Desc (PORTAL): 759 Kelikoi St
Address (PORTAL): 759 Kelikoi St
 Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): Consultation
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1677/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 30, 1991
Document No: 183511
Type: Undetermined
Title: UST Release at Roberts Hawaii Tours (Kakaako Waterfront Park) 1.30.91, 7.14.94 & 2.13.96
Imported From:

iHEER System - Locations Details

Locations ID: 1143
Location Type: SC
Description: TMK 121060008
Comment : Google Maps
Centroid: POINT (-157.863 21.293900000000011)
Geometry:
 POINT (-157.863 21.293900000000011)

Site Details

Centroid: POINT (-157.863 21.293900000000011)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.293900000000011,-157.863

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

222	1 of 1	NW	0.66 / 3,466.82	3.28 / 0	700 N Nimitz IDPP Release 700 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 621

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name (Public iHEER):			700 N Nimitz IDPP Release			
Aliases (Public iHEER):			1% flood risk with SLR 3.2ft, 700 N Nimitz Iwilei, Brownfields Low Priority Site, FEDEX Nimitz Hwy, Harry and Jeanette Weinberg Foundation Inc, Hilo Hattie, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1C, Honolulu Harbor Iwilei Unit OU3			
Street (Public iHEER):			700 N Nimitz Hwy			
City (Public iHEER):			Honolulu			
State (Public iHEER):			HI			
Zip (Public iHEER):			96817			
County (Public iHEER):			Honolulu			
Island (Public iHEER):			Oahu			
Status (Public iHEER):			NFAIC			
Lead Agency (Public iHEER):			HEER Office			
Program (Public iHEER):			State			
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):			TRUE			
Updated on (Public iHEER):			9/21/2021 11:01:22 AM			
Ms Access ID (Public iHEER):			1672			
Suppl Loc (Public iHEER):			700 N Nimitz Hwy			
Tax Map Keys (Public iHEER):			115013003, 115013004, 115013018			
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):			621			
Site Name (PORTAL):			700 N Nimitz IDPP Release			
Loc Desc (PORTAL):			700 N Nimitz Hwy			
Address (PORTAL):			700 N Nimitz Hwy Honolulu, HI 96817			
County (PORTAL):			Honolulu			
Island (PORTAL):			Oahu			
Status (PORTAL):			NFA W/ICS			
Priority (PORTAL):			Unranked			
Lead Agency (PORTAL):			HEER Office			
Program (PORTAL):			State			
Assigned Rpm (PORTAL):			Iris van der Zander			
Details URL (PORTAL):			https://eha-cloud.doh.hawaii.gov/iheer#!/site/621/details/view			
Data Source(s):			iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)			

iHEER System - Documents

Date : Nov 16, 2010
Document No: 125213
Type: Response to Comments
Title: 2nd Response to Comments on Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 1, WBS 3.1.5, Jul 14, 2010 prepared by URS Corporation
Imported From: 93392.pdf

iHEER System - Documents

Date : Sep 7, 2010
Document No: 5488
Type: Response to Comments
Title: 700 N Nimitz Hwy - Response to Comments on Phase 2 Soil Gas Investigation Report
Imported From: 92788.pdf

iHEER System - Documents

Date : Dec 7, 2010
Document No: 125214
Type: Review Letter
Title: Comments on Draft Contaminated Soil Removal Work Plan & SAP, Pier 29, prepared by Pacific Commercial Services (PCS), Nov 2010
Imported From: 10-637-KO.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2011			
Document No:			125212			
Type:			Undetermined			
Title:			Draft Institutional Controls Plan, Apr 11, 2011			
Imported From:			94891.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 30, 2010			
Document No:			125215			
Type:			Undetermined			
Title:			Draft Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010			
Imported From:			93574.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 21, 2013			
Document No:			125206			
Type:			Environmental Hazard Management Plan			
Title:			Draft Iwilei District 700 N Nimitz Hwy EHMP, Version 1.0, WBS 3.10.3, Feb 21, 2013			
Imported From:			102297.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2010			
Document No:			125217			
Type:			Undetermined			
Title:			Draft Iwilei District 700 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010			
Imported From:			93528.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2011			
Document No:			125208			
Type:			Response to Comments			
Title:			Feb 14, 2011 DOH Comments on Phase 2 Soil gas Investigation Report, 700 N Nimitz Hwy, Version 2, WBS 3.1.5, Jan 12, 2011			
Imported From:			94688.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2014			
Document No:			14816			
Type:			Environmental Hazard Management Plan			
Title:			Final Iwilei District 700 N Nimitz Hwy EHMP WBS 3.10.1 Version 2.0			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 1, 2010			
Document No:			125201			
Type:			Remedial Investigation Report			
Title:			Final Iwilei District Nimitz Hwy and 700m N Nimitz Hwy 100% Remedial Design Report, Version 2.0 WBS 3.6.6, Mar 1, 2010			
Imported From:			62598.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 16, 2010			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			125207			
Type:			Review Letter			
Title:			HDOH comments on Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 1, WBS 3.1.5, Jul 14, 2010			
Imported From:			10-508-KO.pdf			
<u>iHEER System - Documents</u>						
Date :			May 29, 2002			
Document No:			68712			
Type:			Request for Information			
Title:			Hilo Hattie Honolulu Harbor Contaminated Area - Iwilei Section Honolulu Limited			
Imported From:			125960.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 26, 1999			
Document No:			68711			
Type:			Letter of Interest			
Title:			Honolulu Harbor: Request for Information 1999			
Imported From:			48994.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 13, 2000			
Document No:			68709			
Type:			Request for Information			
Title:			Honolulu Harbor: Request for Information 2000			
Imported From:			00-322-LY.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2009			
Document No:			125204			
Type:			Remedial Investigation Report			
Title:			Iwilei District Nimitz Hwy and 700 N Nimitz Hwy 60% Remedial Design Report, Ver 1.0, WBS 3.6.6, Feb 20, 2009			
Imported From:			59026.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2000			
Document No:			68710			
Type:			Letter from PRP			
Title:			List of HH PRPs identified by PHR Report			
Imported From:			114565.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 7, 2018			
Document No:			171672			
Type:			No Further Action Determination w/ ICs Letter			
Title:			No Further Action with Institutional Controls (ICs) for Honolulu Harbor Iwilei Unit OU3 700 North Nimitz Highway (Former Hilo Hattie)			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 14, 2011			
Document No:			125218			
Type:			Review Letter			
Title:			Non-concurrence with Draft Iwilei District 666, 770, 775 N Nimitz Hwy Institutional Controls Plans			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		11-319-KO.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 4, 2008				
Document No:		125210				
Type:		Letter of Interest				
Title:		Official Notice of Interest in Release Weinberg Foundation				
Imported From:		08-831-AF.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 14, 2010				
Document No:		125211				
Type:		Phase II Environmental Site Assessment				
Title:		Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 1.0 WBS 3.1.5, Jul 14, 2010				
Imported From:		91638.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 12, 2011				
Document No:		125216				
Type:		Phase II Environmental Site Assessment				
Title:		Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 2, WBS 3.1.5, Jan 12, 2011				
Imported From:		94106.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 30, 2020				
Document No:		176930				
Type:		Response to Comments				
Title:		Re: HIKA Expansion Project DOH and IDPP Coordination 755-775 N. Nimitz Highway, Honolulu, HI				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 8, 2007				
Document No:		125209				
Type:		Review Letter				
Title:		Review comments of OU1B Supplemental Remedial Investigation				
Imported From:		07-154-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		May 5, 2014				
Document No:		171671				
Type:		Review Letter				
Title:		Review of Final Iwilei District 700 North Nimitz Highway Environmental Hazard Management Plan, Version 2.0, WBS 3.10.3				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 1, 2009				
Document No:		125202				
Type:		Phase II Environmental Site Assessment				
Title:		Revised Draft Phase II Investigation Work Plan and Comments				
Imported From:		59471.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : May 12, 2009
Document No: 125205
Type: Phase II Environmental Site Assessment
Title: Soil Gas Sampling Phase 2 Scope of Work, Hilo Hattie, 700 N Nimitz Hwy, Version 1.0, May 12, 2009
Imported From: 59783.pdf

iHEER System - Locations Details

Locations ID: 1337
Location Type: SC
Description: 700 N Nimitz
Comment : Manually placed;
Centroid: POINT (-157.872 21.313400000000005)
Geometry:

POINT (-157.872 21.313400000000005)

iHEER System - Locations Details

Locations ID: 6939
Location Type: EHMP
Description: EHMP 700 N Nimitz Hwy
Comment : Google Maps and Doc 14816
Centroid: POINT (-157.87148377999131 21.313424752236536)
Geometry:

POLYGON ((-157.87221323561133 21.313306296369458, -157.87212472271091 21.313791055837562, -157.87094723295525
 21.313628636606509, -157.87087481331025 21.313596152739084, -157.87084262679937 21.313548676303942, -157.87082385133621
 21.31348870604824, -157.87077288936214 21.313093901253424, -157.87078093599436 21.313071412340548, -157.87080507587302
 21.313058918498765, -157.87082116912845 21.313051422193343, -157.87221860002677 21.313278809960433, -157.87221323561133
 21.313306296369458))

iHEER System - Locations Details

Locations ID: 8028
Location Type: NFAIC
Description: NFAIC N Nimitz IDPP Rel.
Comment :
Centroid: POINT (-157.8714801432987 21.313424092085608)
Geometry:

POLYGON ((-157.87222128222555 21.313280059343032, -157.87212740490969 21.313794803972279, -157.87093650410628
 21.313629885986149, -157.87083994458266 21.313572414523854, -157.87082116911947 21.313519940559729, -157.87079166482533
 21.313300049459105, -157.87077020715441 21.313132632150513, -157.87076752494667 21.313067664189038, -157.87080507587302
 21.313045175272151, -157.87092309306757 21.313062666652154, -157.87163119624381 21.31318010872015, -157.87222128222555
 21.313280059343032))

iHEER System - Locations Details

Locations ID: 10663
Location Type: MA
Description: Hazard management area
Comment : Doc 14816
Centroid: POINT (-157.87223820878651 21.31462153255158)
Geometry:

POLYGON ((-157.86603409659267 21.315582652975735, -157.86511141668927 21.315182856346631, -157.86508995901832
 21.313703599352142, -157.86562640081823 21.313723589410557, -157.86682803046159 21.314283309949214, -157.86942440878656
 21.313263817371663, -157.86974627386832 21.313163866738567, -157.86966044317563 21.312744073334361, -157.87062603842091
 21.312344268976357, -157.87058312307906 21.312124376115413, -157.87152726065341 21.310665078788922, -157.87120539557165
 21.310205297175031, -157.87161309134606 21.309665551705155, -157.87360865484936 21.311124858962671, -157.87249285589866
 21.310205297175031))

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21.313103896325703, -157.87347990881486	21.313703599352142, -157.87414509664927	21.314423239751161, -157.87508923422362				
21.316242315034881, -157.87562567603251	21.317001922219994, -157.8762264908452	21.31698193260786, -157.87865120779381				
21.318161315083994, -157.87790018927572	21.319380666665559, -157.8770847977359	21.319920376427451, -157.87691313635955				
21.32008029005021, -157.87635523687973	21.319600548660205, -157.87569004904529	21.318461156575875, -157.87502486121085				
21.317081880642991, -157.87403780829467	21.315002947508148, -157.87356573950751	21.314463219670213, -157.87264305960409				
21.314003449946988, -157.87148434531156	21.31392348984766, -157.87008959662097	21.31402343996459, -157.86837298284865				
21.314423239751161, -157.8673430145906	21.3150229373897, -157.86603409659267	21.315582652975735))				

Site Details

Centroid: POINT (-157.872 21.313400000000005)
Updated On: 9/21/2021 11:01:22 AM
Coordinates: 21.313400000000005,-157.872

iHEER System - Aliases

Name: 700 N Nimitz Iwilei

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: FEDEX Nimitz Hwy

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU1C

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Hilo Hattie

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Honolulu Harbor

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Harry and Jeanette Weinberg Foundation Inc

223	1 of 1	S	0.66 / 3,499.76	12.20 / 9	KEWALO BASIN GUN SITE HONOLULU HI	FUDS
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FUDS Property No: H09HI0178
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=62409
FUDS INST ID: HI99799F391600
Status: Properties without projects
SDS ID:
NPL Status Code:
Eligibility: Eligible
Site Eligib:
Current Owner: STATE: STATE UNDERGOING CONSTRUCTION FOR A WATERFRONT PROMENADE AND SHORELINE PARK
Has Project: No
DOD FUDS Pro: H09HI0178
Project Required: No
No Further Action:
Congressional District: 01
Congressional Dist 117: 01
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: HONOLULU
Latitude: 21.29388889
Longitude: -157.86444444
Fiscal year: 2021
USACE Division: POD
USACE District: Honolulu District (POH)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:
X: -157.864379883
Y: 21.294006348
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Property History:

Feature Description:

THE SITE WAS NEVER CONSTRUCTED AND REMAINS WITH THE STATE OF HAWAII

224	1 of 1	NNE	0.66 / 3,500.02	4.10 / 1	Halewaiolu Residences - 1331 -1337 River Street Release ID No. 20210924-1054 1337 River St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 3150
Site Name (Public iHEER): Halewaiolu Residences - 1331 -1337 River Street Release ID No. 20210924-1054
Aliases (Public iHEER):
Street (Public iHEER): 1337 River St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		12/10/2021 7:34:34 PM				
Ms Access ID (Public iHEER):						
Suppl Loc (Public iHEER):		1331 -1337 River Street				
Tax Map Keys (Public iHEER):		117006012				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		3150				
Site Name (PORTAL):		Halewaiolu Residences - 1331 -1337 River Street Release ID No. 20210924-1054				
Loc Desc (PORTAL):		1331 -1337 River Street				
Address (PORTAL):		1337 River St				
		Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/3150/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 2021				
Document No:		183604				
Type:		Site Inspection Report				
Title:		Summary Report - Soil Stockpile Samples Results of Toxicity Characteristic Leaching Procedure (TCLP) Analyses Halewaiolu Construction Project Honolulu, HI HDOH Release ID: 20210924-1054				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 8, 2021				
Document No:		183603				
Type:		Undetermined				
Title:		Summary Report - Soil Stockpile Samples Results of Toxicity Characteristic Leaching Procedure (TCLP) Analyses Halewaiolu Construction Project Honolulu, HI HDOH Release ID: 20210924-1054 Submittal				
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:		8885				
Location Type:		SC				
Description:		Halewaiolu Residences				
Comment :						
Centroid:		POINT (-157.85960200000002 21.315715)				
Geometry:						
		POINT (-157.85960200000002 21.315715)				
<u>Site Details</u>						
Centroid:		POINT (-157.85960200000002 21.315715)				
Updated On:		12/10/2021 7:34:34 PM				
Coordinates:		21.315715,-157.85960200000002				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
225	1 of 3	W	0.67 / 3,514.38	3.28 / 0	HECO Mokuone Electrical Substation 1350 Sand Island Pkwy Honolulu HI 96819	SHWS

iHEER ID (Public iHEER): 1044
Site Name (Public iHEER): HECO Mokuone Electrical Substation
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu Harbor Sand Island Unit, Mokuone Electrical Substation, Sand Island WWTP Mokuone Electrical Substation, SLR 3.2ft Flooding
Street (Public iHEER): 1350 Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): —
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/26/2020 10:28:43 AM
Ms Access ID (Public iHEER): 682
Suppl Loc (Public iHEER): 1350 Sand Island Pkwy, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041005
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1044
Site Name (PORTAL): HECO Mokuone Electrical Substation
Loc Desc (PORTAL): 1350 Sand Island Pkwy, Honolulu, HI 96819
Address (PORTAL): 1350 Sand Island Pkwy
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/1044/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Oct 11, 2007
Document No: 47701
Type: Undetermined
Title: Correspondence and Maps of Site
Imported From: 114491#\Heersharepoint1\facilitiesite%20documents\114491.pdf

iHEER System - Documents

Date : Mar 10, 2005
Document No: 47694
Type: Undetermined
Title: Dec 2004 Annual Groundwater Monitoring Report, HECO Mokuone Substation Sand Island Pkwy, Honolulu HI
Imported From: 39071#\Heersharepoint1\facilitiesite%20documents\39071.pdf

iHEER System - Documents

Date :
Document No: 183694
Type: Undetermined
Title: FINAL ENVIRONMENTAL SAMPLING WORK PLAN FOR SECONDARY TREATMENT PHASE 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Imported From: CONSTRUCTION PROJECT SAND ISLAND WASTEWATER TREATMENT PLANT HONOLULU, OAHU, HAWAII						
<u>iHEER System - Documents</u>						
Date :			Sep 2, 2005			
Document No:			14768			
Type:			Undetermined			
Title:			Hawaiian Electric Company Inc, Mokuone Substation, 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			3115#\Heersharepoint1\facilitiesite%20documents\3115.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 3, 2005			
Document No:			47684			
Type:			Undetermined			
Title:			Hawaiian Electric Company Inc, Mokuone Substation, 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			3208#\Heersharepoint1\facilitiesite%20documents\3208.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2006			
Document No:			47693			
Type:			Undetermined			
Title:			Hawaiian Electric Company Inc, Mokuone Substation, 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			3877#\Heersharepoint1\facilitiesite%20documents\3877.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 2005			
Document No:			47697			
Type:			Undetermined			
Title:			HECO Mokuone Substation 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			2884#\Heersharepoint1\facilitiesite%20documents\2884.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2005			
Document No:			47689			
Type:			Undetermined			
Title:			HECO Response to HEER Office Request for Additional Groundwater Sampling at the Mokuone Substation, 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			2005-376#Q:2005 Final Correspondence (Day File)\05-376-DE.pdf			
<u>iHEER System - Documents</u>						
Date :			May 11, 2006			
Document No:			47700			
Type:			Undetermined			
Title:			Mar 2006, Groundwater Monitoring Report, HECO Mokuone Substation, Sand Island Pkwy, Honolulu HI, May 11, 2006, 005-08149-06			
Imported From:			39075#\Heersharepoint1\facilitiesite%20documents\39075.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 21, 2005			
Document No:			47687			
Type:			Undetermined			
Title:			Mokuone Electrical Substation - Project Update Request to Discontinue Groundwater monitoring HECO Inc, Sand Island Industrial Park, Honolulu HI			
Imported From:			2744#\Heersharepoint1\facilitiesite%20documents\2744.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 26, 2006
Document No: 47682
Type: Review Letter
Title: No Further Action Determination for Groundwater Contamination at 1350 Sand Island Pkwy, Honolulu HI 96819
Imported From: 2006-325#Q:\2006 Final Correspondence (Day File)\06-325-DE-.pdf

iHEER System - Documents

Date : Nov 13, 2006
Document No: 47686
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action Determination for Soil Contamination at 1350 Sand Island Pkwy, Honolulu HI 96819
Imported From: 2006-697#Q:\2006 Final Correspondence (Day File)\06-697-DE.pdf

iHEER System - Documents

Date :
Document No: 183691
Type: Undetermined
Title: Notice of Construction Activities
Imported From:

iHEER System - Documents

Date : Nov 24, 2004
Document No: 47691
Type: Undetermined
Title: Nov 2003 Annual Groundwater Monitoring Report, HECO Mokuone Substation Sand Island Pkwy, Honolulu HI
Imported From: 39070#\Heersharepoint1\facilitysite%20documents\39070.pdf

iHEER System - Documents

Date : Mar 14, 2006
Document No: 47698
Type: Undetermined
Title: Nov 2005 Annual Groundwater Monitoring Report, Monitoring Well MW-1 Replacement HECO Mokuone Substation, Sand Island Pkwy, Honolulu HI
Imported From: 39074#\Heersharepoint1\facilitysite%20documents\39074.pdf

iHEER System - Documents

Date : Oct 6, 2005
Document No: 47690
Type: Undetermined
Title: Oct 3, 2005 Proposal to Install Replacement Monitoring Well
Imported From: 2005-515#Q:\2005 Final Correspondence (Day File)\05-515-DE.pdf

iHEER System - Documents

Date : Jun 5, 2001
Document No: 47692
Type: Undetermined
Title: Phase I ESA HECO Mokuone Substation, Honolulu HI
Imported From: 39069#\Heersharepoint1\facilitysite%20documents\39069.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Nov 13, 2001			
Document No:			47696			
Type:			Undetermined			
Title:			Phase II ESA Proposed HECO Mokuone Substation, Honolulu HI			
Imported From:			39072#\Heersharepoint1\facilitysite%20documents\39072.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 4, 2001			
Document No:			47688			
Type:			Undetermined			
Title:			Proposed Hawaiian Electric Company Inc, Mokuone Electrical Substation, Honolulu HI			
Imported From:			966#\Heersharepoint1\facilitysite%20documents\966.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 2002			
Document No:			47685			
Type:			Undetermined			
Title:			Proposed Mokuone Electrical Substation Hawaiian Electric Company Inc, Sand Island Industrial Park, Honolulu HI			
Imported From:			02/06/2002 972#\Heersharepoint1\facilitysite%20documents\972.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2001			
Document No:			47683			
Type:			Undetermined			
Title:			Proposed Mokuone Electrical Substation Hawaiian Electric Company Inc, Sand Island Industrial Park, Honolulu HI			
Imported From:			12/19/2001 973#\Heersharepoint1\facilitysite%20documents\973.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 14, 2002			
Document No:			183300			
Type:			Undetermined			
Title:			Proposed Mokuone Electrical Substation, Response Thank You Letter Dated Dec. 19, 2001			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 31, 2005			
Document No:			47699			
Type:			Undetermined			
Title:			Request to Discontinue Groundwater Monitoring at Mokuone Substation, 1350 Sand Island Pkwy, Honolulu HI			
Imported From:			2005-287#Q:\2005 Final Correspondence (Day File)\05-287-DE.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 15, 2005			
Document No:			47695			
Type:			Undetermined			
Title:			Response to HECO's Sep 2, 2005 Letter to the HEER Office			
Imported From:			2005-476#Q:\2005 Final Correspondence (Day File)\05-476-DE.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 26, 2003			
Document No:			47681			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Reuse of PCB-Contaminated Soil Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI
Imported From: \facilitysite documents\media113153\20150112152345052.pdf

iHEER System - Locations Details

Locations ID: 1789
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.878952 21.306405999999985)
Geometry:

POINT (-157.878952 21.306405999999985)

iHEER System - Locations Details

Locations ID: 7051
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87895820358588 21.306407919706494)
Geometry:

POLYGON ((-157.87913184141536 21.306535745101726, -157.87917475676619 21.306370818965675, -157.8787831542472 21.306278360292559, -157.87874560332085 21.3064482842945, -157.87913184141536 21.306535745101726))

Site Details

Centroid: POINT (-157.878952 21.306405999999985)
Updated On: 10/26/2020 10:28:43 AM
Coordinates: 21.306405999999985,-157.878952

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

iHEER System - Aliases

Name: Mokuone Electrical Substation

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Sand Island WWTP Mokuone Electrical Substation

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
225	2 of 3	W	0.67 / 3,514.38	3.28 / 0	Towco Sand Island 1350 Sand Island Pkwy Honolulu HI 96819	SHWS

iHEER ID (Public iHEER): 2521
Site Name (Public iHEER): Towco Sand Island
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Hawaii Metal Recycling Sand Island Junkyard, HEER Case No. 19900502, HEER Case No. 19911228, HEER Case No. 19940525, Honolulu Harbor Sand Island Unit, Towco - EPA ID HID984468645, Towmasters Sand Island
Street (Public iHEER): 1350 Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/8/2020 10:39:15 AM
Ms Access ID (Public iHEER): 900
Suppl Loc (Public iHEER): 1350 Sand Island Pkwy, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041005
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2521
Site Name (PORTAL): Towco Sand Island
Loc Desc (PORTAL): 1350 Sand Island Pkwy, Honolulu, HI 96819
Address (PORTAL): 1350 Sand Island Pkwy
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2521/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jul 13, 1992
Document No: 47066
Type: Undetermined
Title: Brewer Laboratory Analysis Report
Imported From: 114422#\Heersharepoint1\facilitiesite%20documents\114422.pdf

iHEER System - Documents

Date : May 2, 1990
Document No: 47067
Type: Undetermined
Title: Hazardous Substance Information
Imported From: 114424#\Heersharepoint1\facilitiesite%20documents\114424.pdf

iHEER System - Documents

Date : May 25, 1994
Document No: 47056
Type: Undetermined
Title: Incident Notification Form

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		114466#\Heersharepoint1\facilitiesite%20documents\114466.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 17, 1997				
Document No:		47068				
Type:		Undetermined				
Title:		Letter RE: Towco EPA# HID984468645				
Imported From:		114421#\Heersharepoint1\facilitiesite%20documents\114421.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 19, 1992				
Document No:		47065				
Type:		Undetermined				
Title:		Memorandum RE: Site Files				
Imported From:		114427#\Heersharepoint1\facilitiesite%20documents\114427.pdf				
<u>iHEER System - Documents</u>						
Date :		May 2, 1990				
Document No:		47071				
Type:		Undetermined				
Title:		Photographs of Sand Island				
Imported From:		114428#\Heersharepoint1\facilitiesite%20documents\114428.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 1992				
Document No:		47064				
Type:		Undetermined				
Title:		Preliminary Assessment				
Imported From:		39907#\Heersharepoint1\facilitiesite%20documents\39907.pdf				
<u>iHEER System - Documents</u>						
Date :		May 2, 1990				
Document No:		47060				
Type:		Undetermined				
Title:		PRP Correspondence				
Imported From:		114426#\Heersharepoint1\facilitiesite%20documents\114426.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 1992				
Document No:		47070				
Type:		Undetermined				
Title:		Site File Documents List				
Imported From:		114420#\Heersharepoint1\facilitiesite%20documents\114420.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 19, 1992				
Document No:		47057				
Type:		Undetermined				
Title:		Site Files TowCo, Sand Island				
Imported From:		114423#\Heersharepoint1\facilitiesite%20documents\114423.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 19, 1992
Document No: 47058
Type: Undetermined
Title: Site Files TowCo, Sand Island
Imported From: \facilitysite documents\media114423\Towco Photos Sand Island.pdf

iHEER System - Documents

Date : Jan 17, 1997
Document No: 47059
Type: Undetermined
Title: Towco site
Imported From: 1997-035#Q:\1997 Final Correspondence (Day File)\97-035-RK.pdf

iHEER System - Documents

Date : Aug 6, 1992
Document No: 47062
Type: Undetermined
Title: TOWCO, HID 984468645
Imported From: 1992-065#Q:\1992 Final Correspondence (Day File)\92-065-SA.pdf

iHEER System - Locations Details

Locations ID: 7052
Location Type: SB
Description: APPROX boundary
Comment : Placed by RPM
Centroid: POINT (-157.88002720434227 21.303982905567789)
Geometry:

POLYGON ((-157.87937083547482 21.304365397247203, -157.88050004547321 21.30466026908265, -157.88080581729952 21.303628215069036, -157.87972220485972 21.303333341162322, -157.87946739499847 21.303500769639751, -157.87925013607256 21.304337909164225, -157.87937083547482 21.304365397247203))

iHEER System - Locations Details

Locations ID: 1883
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.880032 21.304128)
Geometry:

POINT (-157.880032 21.304128)

Site Details

Centroid: POINT (-157.880032 21.304128)
Updated On: 10/8/2020 10:39:15 AM
Coordinates: 21.304128,-157.880032

iHEER System - Aliases

Name: HEER Case No. 19911228

iHEER System - Aliases

Name: Brownfields Low Priority Site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: HEER Case No. 19940525

iHEER System - Aliases

Name: Hawaii Metal Recycling Sand Island Junkyard

iHEER System - Aliases

Name: Towmasters Sand Island

iHEER System - Aliases

Name: HEER Case No. 19900502

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Towco - EPA ID HID984468645

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

225	3 of 3	W	0.67 / 3,514.38	3.28 / 0	Sand Island WWTP 1350 Sand Island Pkwy Honolulu HI 96819	SHWS
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iHEER ID (Public iHEER): 963
Site Name (Public iHEER): Sand Island WWTP
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Construction EHMP, Honolulu Harbor Sand Island Unit, Sand Island Waste Water Treatment Plant
Street (Public iHEER): 1350 Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/18/2021 8:15:40 AM
Ms Access ID (Public iHEER): 833
Suppl Loc (Public iHEER): 1350 Sand Island Pkwy, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041005, 115041022, 115041130
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 963
Site Name (PORTAL): Sand Island WWTP
Loc Desc (PORTAL): 1350 Sand Island Pkwy, Honolulu, HI 96819

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (PORTAL):		1350 Sand Island Pkwy Honolulu, HI 96819				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/963/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Mar 27, 2003
Document No: 51888
Type: Undetermined
Title: Comments to Mar 6, 2003 document
Imported From: \facilitysite documents\media112296\112296.pdf

iHEER System - Documents

Date : Jun 7, 2021
Document No: 180420
Type: Environmental Hazard Management Plan
Title: Construction EHMP for WSST No. 1, PC Service Areas, and Tunnel No. 2 & 3 Structural Repair, Sand Island WWTP, May 2021
Imported From: SIWWTP_C-EHMP_v02-v1.pdf

iHEER System - Documents

Date : Oct 10, 2002
Document No: 51963
Type: Undetermined
Title: Contaminated Soil Review Report, Sand Island Wastewater Treatment Plant Site, Honolulu HI
Imported From: \facilitysite documents\media39420\20141030152220470.pdf

iHEER System - Documents

Date : Oct 10, 2002
Document No: 51962
Type: Undetermined
Title: Contaminated Soil Review Report, Sand Island Wastewater Treatment Plant Site, Honolulu HI
Imported From: 39420#\Heersharepoint1\facilitysite%20documents\39420.pdf

iHEER System - Documents

Date : Nov 14, 2006
Document No: 51862
Type: Undetermined
Title: Correspondence
Imported From: 114488#\Heersharepoint1\facilitysite%20documents\114488.pdf

iHEER System - Documents

Date : Jun 4, 2007
Document No: 51863
Type: Undetermined
Title: Correspondence
Imported From: 114489#\Heersharepoint1\facilitysite%20documents\114489.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2005			
Document No:			51830			
Type:			Undetermined			
Title:			Disposal of Investigation-Derived Waste SIWWTP Hazardous Materials Investigation			
Imported From:			\\facilitysite documents\media3019\20141030101522805.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 26, 2023			
Document No:			202554			
Type:			Comment Letter			
Title:			Document Approval: Project-Specific Construction EHMP (C-EHMP) For City and County of Honolulu Sand Island Wastewater Treatment Plant, WSST No. 1, PC Service Areas, and Tunnel No. 2 & 3 Structural Repair, Job No. W6-20, dated May 2023			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 24, 2003			
Document No:			51979			
Type:			Undetermined			
Title:			DOH guidance on Petroleum Contamination Encountered During Construction			
Imported From:			2003-445#Q:\2003 Final Correspondence (Day File)\03-445-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2005			
Document No:			51956			
Type:			Undetermined			
Title:			Draft Additional Soil Sampling Investigation Soil Management Project Western Investigation Area, Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39446#\Heersharepoint1\facilitysite%20documents\39446.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 18, 2021			
Document No:			179097			
Type:			Undetermined			
Title:			Draft Construction EHMP, Sand Island WWTP, Secondary Treatment Phase 1, March 2021			
Imported From:			SIWWTP_Phase1_HDOH Construction-EHMP-3-17-2021.pdf (158.44 MB)			
<u>iHEER System - Documents</u>						
Date :			Sep 23, 2005			
Document No:			17435			
Type:			Undetermined			
Title:			Draft Environmental Assessment Sand Island Wastewater Treatment Plant Soil Management Project Sand Island, Oahu HI, TMK 1-5-041-005			
Imported From:			\\facilitysite documents\media3194\20141030081935001.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2005			
Document No:			51925			
Type:			Undetermined			
Title:			Draft Environmental Assessment Sand Island Wastewater Treatment Plant Soil Management Project Sand Island, Oahu HI, TMK 1-5-041-005 (por) of)			
Imported From:			39465#\Heersharepoint1\facilitysite%20documents\39465.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			May 30, 2003			
Document No:			51958			
Type:			Undetermined			
Title:			Draft Human Health Risk Assessment Sand Island Wastewater Treatment Plant Honolulu HI			
Imported From:			39437#\Heersharepoint1\facilitiesite%20documents\39437.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2003			
Document No:			51886			
Type:			Undetermined			
Title:			Draft Human Health Risk Assessment Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI			
Imported From:			\facilitiesite documents\media112300\112300.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 5, 2002			
Document No:			51944			
Type:			Undetermined			
Title:			Draft Letter Report 96"-Primary Effluent Pipeline, Effluent Pump Station Wet Wells, and 84"-Final Effluent Pipeline Sampling and Analysis at the Ultraviolet Disinfection Project Site Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39432#\Heersharepoint1\facilitiesite%20documents\39432.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 29, 2005			
Document No:			19409			
Type:			Undetermined			
Title:			Draft Report Additional Soil Sampling Investigation Soil Management Project Eastern Investigation Area, Sand Island			
Imported From:			\facilitiesite documents\media3111\20141030091856032.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 29, 2005			
Document No:			51932			
Type:			Undetermined			
Title:			Draft Report Additional Soil Sampling Investigation Soil Management Project Eastern Investigation Area, Sand Island, Honolulu HI			
Imported From:			39455#\Heersharepoint1\facilitiesite%20documents\39455.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 13, 2003			
Document No:			51865			
Type:			Undetermined			
Title:			Letter Report Environmental Site Investigation, Proposed New Pond and Injection Well Locations PCB Sampling, Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI			
Imported From:			\facilitiesite documents\media112288\112288.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 29, 2002			
Document No:			51947			
Type:			Phase II Environmental Site Assessment			
Title:			Letter Report Phase II ESA Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39435#\Heersharepoint1\facilitiesite%20documents\39435.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 30, 2002
Document No: 51946
Type: Phase II Environmental Site Assessment
Title: Letter Report Phase II ESA Sand Island Wastewater Treatment Plant, Honolulu HI (Revised)
Imported From: 39434#\Heersharepoint1\facilitiesite%20documents\39434.pdf

iHEER System - Documents

Date : Nov 19, 2019
Document No: 172070
Type: Environmental Hazard Management Plan
Title: Draft Environmental Hazard Management Plan for Construction, Sand Island Wastewater Treatment Plant Secondary Treatment, November 2019
Imported From: 2019-11-19 Draft EHMP for Construction SIWWTP.pdf

iHEER System - Documents

Date : Nov 23, 2021
Document No: 183688
Type: Site Characterization Work Plan
Title: DRAFT ENVIRONMENTAL SAMPLING WORK PLAN FOR SECONDARY TREATMENT PHASE 1 CONSTRUCTION PROJECT SAND ISLAND WASTEWATER TREATMENT PLANT HONOLULU, OAHU, HAWAII
Imported From:

iHEER System - Documents

Date : Nov 23, 2021
Document No: 183687
Type: Undetermined
Title: DRAFT ENVIRONMENTAL SAMPLING WORK PLAN FOR SECONDARY TREATMENT PHASE 1 CONSTRUCTION PROJECT SAND ISLAND WASTEWATER TREATMENT PLANT HONOLULU, OAHU, HAWAII Submission
Imported From:

iHEER System - Documents

Date : Jun 22, 2023
Document No: 203305
Type: CEHMP
Title: Draft Final C-EHMP In-Vessel Bioconversion Facility Phase 1 Secondary Digester Capacity Upgrades, Sand Island WWTP
Imported From:

iHEER System - Documents

Date : Jul 15, 2005
Document No: 16421
Type: Undetermined
Title: Draft Report Additional Soil Sampling Investigation Soil Management Project Western Investigation Area, Sand Island
Imported From: 2956#\Heersharepoint1\facilitiesite%20documents\2956.pdf

iHEER System - Documents

Date : Sep 15, 2005
Document No: 51923
Type: Undetermined
Title: Draft Report Remedial Design Report Soil Management Project Sand Island Wastewater Treatment Plant, Honolulu HI
Imported From: 39457#\Heersharepoint1\facilitiesite%20documents\39457.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 1, 2004
Document No: 51951
Type: Undetermined
Title: Draft SAP for a Hazardous Materials Study at the Sand Island Waste Water Treatment Plant
Imported From: 39443#\Heersharepoint1\facilitiesite%20documents\39443.pdf

iHEER System - Documents

Date : Dec 16, 2022
Document No: 201917
Type: Undetermined
Title: Draft SIWWTP Bioconversion C-EHMP 12-16-22
Imported From:

iHEER System - Documents

Date : Dec 16, 2022
Document No: 201916
Type: Undetermined
Title: Draft SIWWTP Bioconversion C-EHMP 12-16-22 Submission
Imported From:

iHEER System - Documents

Date : May 13, 2003
Document No: 51950
Type: Undetermined
Title: Draft Soil Management Plan comments
Imported From: 50519#\Heersharepoint1\facilitiesite%20documents\50519.pdf

iHEER System - Documents

Date : Mar 30, 2003
Document No: 51908
Type: Undetermined
Title: Draft Soil Management Plan Sand Island Wastewater Treatment Plant, Honolulu HI
Imported From: 39427#\Heersharepoint1\facilitiesite%20documents\39427.pdf

iHEER System - Documents

Date : Mar 19, 2003
Document No: 51878
Type: Undetermined
Title: Draft Soil Management Plan, Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI
Imported From: \facilitiesite documents\media112294\112294.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 51957
Type: Site Inspection Report
Title: Letter Report Soil Stockpile Sampling and Analysis Sand Island Wastewater Treatment Plant, Honolulu HI
Imported From: 39448#\Heersharepoint1\facilitiesite%20documents\39448.pdf

iHEER System - Documents

Date : Sep 29, 2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			51824			
Type:			Undetermined			
Title:			Letter Report Soil Stockpile Sampling and Analysis, Sand Island Wastewater Treatment Plant, Honolulu HI, Aug 2002			
Imported From:			\facilitysite documents\media3018\20141030113802363.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 1, 2012			
Document No:			51837			
Type:			Environmental Hazard Management Plan			
Title:			Long Term Maintenance Plan Soil Management Project Sand Island Wastewater Treatment Plant, Honolulu HI Nov 2008			
Imported From:			99816#\Heersharepoint1\facilitysite%20documents\99816.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 28, 2003			
Document No:			51860			
Type:			Undetermined			
Title:			Meeting Agenda			
Imported From:			\facilitysite documents\media112286\112286.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 26, 2002			
Document No:			51870			
Type:			Undetermined			
Title:			Meeting Agenda			
Imported From:			\facilitysite documents\media113163\113163.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 10, 2003			
Document No:			51952			
Type:			Undetermined			
Title:			Meeting Agenda and Map of Stockpile Locations			
Imported From:			\facilitysite documents\media113152\113152.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 17, 2002			
Document No:			51869			
Type:			Undetermined			
Title:			Meeting Agenda and Minutes of Meeting			
Imported From:			\facilitysite documents\media113165\113165.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 9, 2002			
Document No:			51943			
Type:			Undetermined			
Title:			Meeting Discussion Items - Sand Island WWTP			
Imported From:			\facilitysite documents\media113161\113161.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2003			
Document No:			51928			
Type:			Undetermined			
Title:			Phase I and Phase II Environmental Assessment Proposed HECO Ductline Location 1240 Sand Island Pkwy,			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					Honolulu HI 39459#\Heersharepoint1\facilitiesite%20documents\39459.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 4, 2021	
Document No:					178329	
Type:					Site Characterization Report	
Title:					Phase II ESA, Area X, Sand Island WWTP, Honolulu, Oahu, Hawaii, October 2017 [MBSSI area]	
Imported From:					160036 Sand Island WWTP_Final Submittal Phase II ESA_2017-10-19.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 14, 2022	
Document No:					197310	
Type:					Undetermined	
Title:					Photo of MW #1 Proposed for Abandonment	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jan 6, 2021	
Document No:					178356	
Type:					Site Characterization Report	
Title:					(email) [EXTERNAL] RE: Sand Island Wastewater Treatment Plant - PCB contaminated soil and Remedy Amendment Mtg	
Imported From:					2021-01-06 email Preliminary sampling data.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 25, 2019	
Document No:					172138	
Type:					Review Letter	
Title:					(email) Preliminary comments on Sand Island WWTP Construction EHMP	
Imported From:					Email from HDOH to AECOM re Sand Island WWTP C-EHMP 2019-11-25.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 1, 2007	
Document No:					51934	
Type:					Undetermined	
Title:					Draft Supplemental Human Health Risk Assessment, Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39471#\Heersharepoint1\facilitiesite%20documents\39471.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 16, 2002	
Document No:					51965	
Type:					Undetermined	
Title:					Draft Work Plan for Handling and Disposal of PCB-Contaminated Soil Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39424#\Heersharepoint1\facilitiesite%20documents\39424.pdf	
<u>iHEER System - Documents</u>						
Date :					May 16, 2023	
Document No:					203563	
Type:					Comment Letter	
Title:					E-mail from FG with Comments on Draft C-EHMP for In-Vessel Bioconversion Facility Phase 1 Secondary Digester Capacity Upgrades, Sand Island WWTP	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 27, 2012
Document No: 196560
Type: Undetermined
Title: Email Correspondences - Sand Island Wastewater Treatment Plant
Imported From:

iHEER System - Documents

Date : Oct 14, 2022
Document No: 197309
Type: Undetermined
Title: email notification for Monitoring Well Abandonment
Imported From:

iHEER System - Documents

Date : Jun 29, 1998
Document No: 51855
Type: Undetermined
Title: Environmental Protection Agency Federal Register / Vol. 63, No 124 / Monday, Jun 29, 1998 / Rules and Regulations
Imported From: 111395#\Heersharepoint1\facilitiesite%20documents\111395.pdf

iHEER System - Documents

Date : Sep 3, 2002
Document No: 51827
Type: Undetermined
Title: Meeting Minutes - PCB-Impacted Soil
Imported From: \facilitiesite documents\media111238\20141030165054014.pdf

iHEER System - Documents

Date : Feb 3, 2005
Document No: 51884
Type: Undetermined
Title: Miscellaneous data spreadsheets, photocopy of business cards, and handwritten notes
Imported From: 113191#\Heersharepoint1\facilitiesite%20documents\113191.pdf

iHEER System - Documents

Date : Jan 16, 1990
Document No: 51894
Type: Undetermined
Title: Miscellaneous Hazardous Materials Storage Location Map Keys and Associated Maps
Imported From: 113171#\Heersharepoint1\facilitiesite%20documents\113171.pdf

iHEER System - Documents

Date : Dec 19, 2000
Document No: 51906
Type: Undetermined
Title: Miscellaneous Maps - Sand Island WWTP Maps
Imported From: 113140#\Heersharepoint1\facilitiesite%20documents\113140.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Oct 19, 2022				
Document No:		197638				
Type:		Undetermined				
Title:		Monitor Well Locations				
Imported From:						
 <u>iHEER System - Documents</u>						
Date :		Mar 18, 2012				
Document No:		51854				
Type:		Undetermined				
Title:		Monitoring Well Abandonment Notification Sand Island Corporation Yard NPDES Improvements for the City and County of Honolulu Project VII-59-09-C				
Imported From:		2012-03-18 Monitoring Well Abandonment Notification, Sand Island Corporation Yard NPDES Improvements.pdf				
 <u>iHEER System - Documents</u>						
Date :		Apr 3, 2001				
Document No:		51903				
Type:		Undetermined				
Title:		Noncompliance Report, Spill of Hypochlorite Sand Island Wastewater Treatment Plant				
Imported From:		\\facilitysite documents\media112265\112265.pdf				
 <u>iHEER System - Documents</u>						
Date :		Oct 14, 2022				
Document No:		197311				
Type:		Undetermined				
Title:		Photo of MW #2 Proposed for Abandonment				
Imported From:						
 <u>iHEER System - Documents</u>						
Date :		May 30, 2023				
Document No:		202553				
Type:		CEHMP				
Title:		Project-Specific Construction EHMP (C-EHMP) For City and County of Honolulu Sand Island Wastewater Treatment Plant WSST No. 1, PC Service Areas, and Tunnel No. 2 & 3 Structural Repair Job No. W6-20				
Imported From:						
 <u>iHEER System - Documents</u>						
Date :		Feb 2, 2021				
Document No:		178594				
Type:		Environmental Hazard Management Plan				
Title:		Project-Specific Construction Environmental Hazard Management Plan (C-EHMP), Sand Island WWTP Maintenance Building, Septage, and Site Improvements (MBSSI), 1350 Sand Island Parkway, Honolulu, HI 96819, TMKs 1-5-041:005 and 1-5-041: Por. 022 February 2021				
Imported From:		SIWWTP_MBSSI_HDOH Construction-EHMP-2-1-2021.pdf (233.86 MB)				
 <u>iHEER System - Documents</u>						
Date :		Aug 26, 2002				
Document No:		51842				
Type:		Undetermined				
Title:		Project: Sand Island Wastewater Treatment Plant - Civil Project Areas Soil Disturbance Plan & Estimated Excavation Depths				
Imported From:		111392#\Heersharepoint1\facilitysite%20documents\111392.pdf				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 9, 2002			
Document No:			51880			
Type:			Undetermined			
Title:			Proposed Construction Work for the Project: Sand Island Wastewater Treatment Plant Modifications, Unit I, Ph. 2A New Headworks and Primary Clarifiers 7 & 8			
Imported From:			\\facilitysite documents\media111231\20141030152205332.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 6, 2002			
Document No:			51833			
Type:			Undetermined			
Title:			Proposed Sand Island Ductline Project Sand Island Industrial Park, Honolulu HI			
Imported From:			\\facilitysite documents\media3135\20141030133105166.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 16, 2006			
Document No:			51970			
Type:			Undetermined			
Title:			Review of Final Design Report for Soil Management at the Sand Island WWTP			
Imported From:			2006-090#Q:\2006 Final Correspondence (Day File)\06-090-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 13, 2022			
Document No:			200102			
Type:			Undetermined			
Title:			Abandonment of Monitoring Well Summary Report (2 wells)			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 11, 2022			
Document No:			183698			
Type:			Undetermined			
Title:			Abandonment of Monitoring Well Summary Report Sand Island WWTP Maintenance Building, Septage, and Site Improvements (MBSSI) Honolulu, Oahu, Hawaii			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 11, 2022			
Document No:			183697			
Type:			Undetermined			
Title:			Abandonment of Monitoring Well Summary Report Sand Island WWTP Maintenance Building, Septage, and Site Improvements (MBSSI) Honolulu, Oahu, Hawaii			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 26, 2002			
Document No:			51846			
Type:			Site Characterization Work Plan			
Title:			Environmental Sample Collection and Analyses Sand Island Wastewater Treatment Plant Expansion Project			
Imported From:			\\facilitysite documents\media111246\20141030181924266.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 28, 2003			
Document No:			51910			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:			Undetermined			
Title:			Environmental Site Investigation Additional Sampling Investigation Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39426#\Heersharepoint1\facilitysite%20documents\39426.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 9, 2002			
Document No:			51959			
Type:			Undetermined			
Title:			Environmental Site Investigation Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39425#\Heersharepoint1\facilitysite%20documents\39425.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2003			
Document No:			51914			
Type:			Undetermined			
Title:			Environmental Site Investigation, Additional Sampling Investigation, SIWWTP, Honolulu, Oahu HI, Februrary 2003			
Imported From:			\facilitysite documents\media113146\113146.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 22, 2003			
Document No:			51885			
Type:			Undetermined			
Title:			Erosion Control Report (Addendum) for Sand Island Wastewater Treatment Plant Stockpiling Plan (10/03 and 12/03) and Attachment I			
Imported From:			113192#\Heersharepoint1\facilitysite%20documents\113192.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 23, 2003			
Document No:			51929			
Type:			Undetermined			
Title:			Erosion Control Report (Addendum) for Sand Island Wastewater Treatment Plant Stockpiling Plan1350 Sand Island Pkwy 96819, Honolulu HI, TMK 1-1-5-041-005			
Imported From:			39451#\Heersharepoint1\facilitysite%20documents\39451.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 23, 2001			
Document No:			51853			
Type:			Undetermined			
Title:			Noncompliance Report, Spill of Hypochlorite Sand Island Wastewater Treatment Plant			
Imported From:			\facilitysite documents\media111243\20141030175331360.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 10, 2021			
Document No:			183689			
Type:			Undetermined			
Title:			Notice of Construction Activities			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 23, 2002			
Document No:			183573			
Type:			Undetermined			
Title:			Notification & Certification for Disposal of PCB Contaminated Soil			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Sep 30, 2002
Document No: 51921
Type: Undetermined
Title: Notification and Certification for Disposal of PCB-Contaminated Soil Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI
Imported From: \facilitysite documents\media111234\20141030152311339.pdf

iHEER System - Documents

Date : Nov 7, 2002
Document No: 51841
Type: Undetermined
Title: Notification and Certification for Disposal of PCB-Contaminated Soil Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI
Imported From: \facilitysite documents\media111224\20141030133041337.pdf

iHEER System - Documents

Date : Sep 5, 2002
Document No: 51872
Type: Undetermined
Title: Notification Report - Sand Island WWTP
Imported From: \facilitysite documents\media113166\1131666.pdf

iHEER System - Documents

Date : Jun 26, 2002
Document No: 172321
Type: Undetermined
Title: Overview of Sand Island WWTP Modifications Project
Imported From: 2002-06-26 SI WWTP.pdf

iHEER System - Documents

Date : Oct 7, 2002
Document No: 51919
Type: Undetermined
Title: Re: Sand Island and map
Imported From: \facilitysite documents\media113142\113142.pdf

iHEER System - Documents

Date : Aug 23, 2002
Document No: 51890
Type: Agreement
Title: Re: Sand Island WWTP
Imported From: \facilitysite documents\media113159\113159.pdf

iHEER System - Documents

Date : Sep 23, 2003
Document No: 51835
Type: Undetermined
Title: Re: Soil Management at the Sand Island Waste Water Treatment Plant
Imported From: \facilitysite documents\media111222\20141030113821183.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 3, 2003
Document No: 51901
Type: Agreement
Title: Re: TSCA Requirements for PCB-Contaminated Soil at Sand Island Waste Water Treatment Plant
Imported From: \facilitysite documents\media113149\113149.pdf

iHEER System - Documents

Date : Sep 21, 2005
Document No: 51966
Type: Undetermined
Title: Remedial Design Report, Soil Management Project
Imported From: 2005-488#Q:\2005 Final Correspondence (Day File)\05-488-CAC.pdf

iHEER System - Documents

Date : Mar 2, 2021
Document No: 179909
Type: Undetermined
Title: Request for Decision Unit Variance for Phase I Upgrade Sampling, Sand Island Wastewater Treatment Plant, Honolulu, HI
Imported From: 2021.03.02 Letter to DOH requesting increase in DU size.pdf (41.04 KB)

iHEER System - Documents

Date : Jul 1, 2001
Document No: 51893
Type: Undetermined
Title: Request for Extension of Time on Contracts, Contract Modification Form, and Appendix A-F
Imported From: 113195#\Heersharepoint1\facilitysite%20documents\113195.pdf

iHEER System - Documents

Date : Feb 16, 2006
Document No: 51976
Type: Undetermined
Title: Review of Final document for Additional Soil Sampling Investigation, Soil Management Project, Eastern Investigation Area, Sand Island
Imported From: 2006-091#Q:\2006 Final Correspondence (Day File)\06-091-CAC.pdf

iHEER System - Documents

Date : Feb 12, 2021
Document No: 178713
Type: Review Letter
Title: Review of Project-Specific Construction Environmental Hazard Management Plan (C-EHMP), Sand Island WWTP Maintenance Building, Septage, and Site Improvements (MBSSI), February 2021
Imported From: 2021-02-12 HEER-178713-ES re SIWWTP MBSSI C-EHMP.pdf

iHEER System - Documents

Date : Jul 29, 2005
Document No: 51969
Type: Undetermined
Title: Review of Results of Soil Analysis for PCBs on the DLNR Property
Imported From: 2005-377#Q:\2005 Final Correspondence (Day File)\05-377-CAC.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Nov 17, 2020				
Document No:		177607				
Type:		Review Letter				
Title:		Review of Revised Soil Sampling Work Plan, Remedial Design Soil Stockpile, Sand Island Wastewater Treatment Plant, November 11, 2020				
Imported From:		2020-11-17 HEER-177607-ES re Sand Island WWTP RDSS SAP - signed.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 16, 2006				
Document No:		51967				
Type:		Undetermined				
Title:		Review of Safety and Health Plan for the Soil Investigation activity				
Imported From:		2006-092#Q:\2006 Final Correspondence (Day File)\06-092-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 6, 2006				
Document No:		51973				
Type:		Undetermined				
Title:		Review of the Final Site Investigation Report, Sand Island Wastewater Treatment Plant, Honolulu HI, Jul 2005				
Imported From:		2006-629#Q:\2006 Final Correspondence (Day File)\06-629-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 19, 2003				
Document No:		51948				
Type:		Undetermined				
Title:		Sand Island Wastewater Treatment Plant In-Vessel Bioconversion Facility PCB Site Investigation, Honolulu HI, TMK 1-9-1-5-041-005				
Imported From:		39462#\Heersharepoint1\facilitiesite%20documents\39462.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 18, 2021				
Document No:		180104				
Type:		Undetermined				
Title:		Final Construction EHMP, Sand Island WWTP Secondary Treatment Phase 1, June 2021				
Imported From:		2021-06-18 SIWWTP_Phase1_HDOH Construction-EHMP_06-11-2021.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 22, 2021				
Document No:		178840				
Type:		Environmental Hazard Management Plan				
Title:		Final Construction EHMP, Sand Island WWTP, Maintenance Building, Septage, and Site Improvements (MBSSI), February 2021 (2/21/2021)				
Imported From:		SIWWTP_MBSSI_HDOH Construction-EHMP-2-21-2021.pdf (241.84 MB)				
<u>iHEER System - Documents</u>						
Date :		Dec 1, 2004				
Document No:		51823				
Type:		Undetermined				
Title:		PCB Site Investigation Report and Stockpiling of Soil				
Imported From:		\facilitiesite documents\media2272\20141030101613223.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 29, 2022				
Document No:		201913				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Phase 1A and 1B Sampling Letter Report_29-Jun-22				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 29, 2022				
Document No:		201912				
Type:		Undetermined				
Title:		Phase 1A and 1B Sampling Letter Report_29-Jun-22 Submission				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 27, 2022				
Document No:		201915				
Type:		Undetermined				
Title:		Phase 1A and 1B Sampling Letter Report_v2_27-Jul-22				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 27, 2022				
Document No:		201914				
Type:		Undetermined				
Title:		Phase 1A and 1B Sampling Letter Report_v2_27-Jul-22 Submission				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 25, 2022				
Document No:		184498				
Type:		Phase I Environmental Site Assessment				
Title:		Phase 1A Sampling Letter Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 25, 2022				
Document No:		184497				
Type:		Undetermined				
Title:		Phase 1A Sampling Letter Report Submittal				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 4, 2007				
Document No:		172322				
Type:		Undetermined				
Title:		Response to DOH Comments, Draft Supplemental Human Health Risk Assessment, Sand Island WWTP, Honolulu, Hawaii				
Imported From:		2007-06-04 SI WWTP.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 22, 2023				
Document No:		203303				
Type:		Response to Comments				
Title:		Responses to Comments on Draft Construction Environmental Hazard Management Plan				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 9, 2003
Document No: 51852
Type: Undetermined
Title: Return Flow Pump Station
Imported From: 112272#\Heersharepoint1\facilitiesite%20documents\112272.pdf

iHEER System - Documents

Date : Oct 1, 2003
Document No: 51909
Type: Undetermined
Title: Reuse of Low Level PCB-Contaminated Soil
Imported From: \facilitiesite documents\media113148\113148.pdf

iHEER System - Documents

Date : Sep 29, 2003
Document No: 51915
Type: Undetermined
Title: Reuse of Low Level PCB-Contaminated Soil
Imported From: \facilitiesite documents\media113145\113145.pdf

iHEER System - Documents

Date : Oct 29, 2003
Document No: 51900
Type: Undetermined
Title: Reuse of PCB-Contaminated Soil - Sand Island Wastewater Treatment Plant, Honolulu, Oahu HI
Imported From: \facilitiesite documents\media113150\113150.pdf

iHEER System - Documents

Date : Jun 7, 2021
Document No: 179927
Type: Review Letter
Title: Review of "Draft Construction Environmental Hazard Management Plan (C-EHMP), Sand Island WWTP Secondary Treatment Phase 1, 3/18/2021"
Imported From: 2021-06-07 HEER-179927-ES re SIWWTP Phase 1 C-EHMP signed.pdf

iHEER System - Documents

Date : Oct 23, 2002
Document No: 51847
Type: Undetermined
Title: Revised Proposal for Phase I and Phase II Environmental Assessment Sand Island Ductile Project, TMK 1-5-41-05, Sand Island, Hawaii
Imported From: \facilitiesite documents\media111227\20141030132950944.pdf

iHEER System - Documents

Date : Nov 11, 2020
Document No: 177580
Type: Site Characterization Work Plan
Title: Revised Soil Sampling Work Plan, Remedial Design Soil Stockpile, Sand Island Wastewater Treatment Plant, November 11, 2020
Imported From: Revised Sand Island RDSS Sampling Work Plan.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Nov 18, 2020			
Document No:			177672			
Type:			Undetermined			
Title:			RTCs to DOH Comments 2020-11-17 HEER-177607-ES			
Imported From:			RTCs to DOH Comments 2020-11-17 HEER-177607-ES re Sand Island WWTP RDSS SAP-v1.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2003			
Document No:			51896			
Type:			Undetermined			
Title:			Sampling and Analysis for Sand Island Wastewater Treatment Plant Sewage Pump Station, Sand Island Parkway, Honolulu HI			
Imported From:			\\facilitysite documents\media112292\112292.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2002			
Document No:			51917			
Type:			Undetermined			
Title:			Sampling Plan for Sand Island Wastewater Treatment Plant, Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39431#\Heersharepoint1\facilitysite%20documents\39431.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 25, 2002			
Document No:			51942			
Type:			Undetermined			
Title:			Sampling Plan for Sand Island Wastewater Treatment Plant, Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39430#\Heersharepoint1\facilitysite%20documents\39430.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 30, 2003			
Document No:			51938			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant In-Vessel Bioconversion Facility PCB Site Investigation, Honolulu HI, TMK 1-9-1-5-041-005			
Imported From:			39450#\Heersharepoint1\facilitysite%20documents\39450.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 1, 2002			
Document No:			51851			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Modifications, Unit I, Phase 2A, New Headworks and Primary Clarifiers 7 & 8 Construction of the New Driveway			
Imported From:			\\facilitysite documents\media111245\20141030181905957.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 15, 2002			
Document No:			51850			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Modifications, Unit I, Phase 2A, New Headworks and Primary Clarifiers 7 & 8 Environmental Site Investigation Report and Follow-on PCB Sampling Letter Report			
Imported From:			\\facilitysite documents\media111239\20141030165038819.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jul 1, 2002				
Document No:		51831				
Type:		Undetermined				
Title:		Sand Island Wastewater Treatment Plant Modifications, Unit I, Phase 2A, New Headworks and Primary Clarifiers 7 & 8 Test Piles and Jet Grouting				
Imported From:		\\facilitysite documents\media11244\20141030175320030.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 13, 2002				
Document No:		51829				
Type:		Undetermined				
Title:		Sand Island Wastewater Treatment Plant SAP for PCB Investigations				
Imported From:		\\facilitysite documents\media11223\20141030133117838.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 2005				
Document No:		19410				
Type:		Undetermined				
Title:		Sand Island Wastewater Treatment Plant, Expansion, Soil Management Final Report Additional Soil Sampling Investigation				
Imported From:		\\facilitysite documents\media3110\20141030091925509.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 7, 2021				
Document No:		179929				
Type:		Review Letter				
Title:		Review of "Request for Decision Unit Variance for Phase I Upgrade Sampling, Sand Island Wastewater Treatment Plant, Honolulu, HI, 3/2/2021"				
Imported From:		2021-06-07 HEER-179929-ES re Variance on DU size signed.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2005				
Document No:		51968				
Type:		Undetermined				
Title:		Review of Additional Soil Sampling Investigation at the Sand Island WWTP				
Imported From:		2005-328#Q:\2005 Final Correspondence (Day File)\05-328-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 2005				
Document No:		51972				
Type:		Undetermined				
Title:		Review of Draft Report for Additional Soil Sampling Investigation - Eastern Area				
Imported From:		2005-489#Q:\2005 Final Correspondence (Day File)\05-489-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 1, 2003				
Document No:		51877				
Type:		Undetermined				
Title:		Review of Draft Soil Management Plan and request to continue work				
Imported From:		2003-409#Q:\2003 Final Correspondence (Day File)\03-409-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 2, 2021				
Document No:		178865				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Review Letter	
Title:					Review of Final Construction Environmental Hazard Management Plan (C-EHMP), Sand Island WWTP Maintenance Building, Septage, and Site Improvements (MBSSI), 2/21/2021 revision	
Imported From:					2021-03-02 HEER-178865-ES re SIWWTP MBSSI C-EHMP 20210221.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 30, 2002	
Document No:					51918	
Type:					Undetermined	
Title:					Sampling Plan for Sand Island Wastewater Treatment Plant, Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					\\facilitysite documents\media39431\20141030153235489.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 21, 2002	
Document No:					51838	
Type:					Undetermined	
Title:					Sampling Plan for UV Disinfection Site, Project: Sand Island WWTP, Project No P02-006	
Imported From:					\\facilitysite documents\media111240\20141030165019058.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2002	
Document No:					51879	
Type:					Undetermined	
Title:					Sand Island	
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Date :					Aug 30, 2002	
Document No:					51867	
Type:					Undetermined	
Title:					Sand Island	
Imported From:					\\facilitysite documents\media113158\113158.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 8, 2002	
Document No:					51907	
Type:					Undetermined	
Title:					Sand Island Discussion	
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<u>iHEER System - Documents</u>						
Date :					Mar 6, 2003	
Document No:					51960	
Type:					Undetermined	
Title:					Sand Island Waste Water Treatment Plant PCB Hot Spot Removal Excavation and Clearance Testing Sand Island, Honolulu HI	
Imported From:					39422#\Heersharepoint1\facilitysite%20documents\39422.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 31, 2003	
Document No:					51871	
Type:					Undetermined	
Title:					Sand Island Wastewater Treatment Plant	
Imported From:					\\facilitysite documents\media112283\112283.pdf	

iHEER System - Documents

Date : Aug 23, 2002
Document No: 51832
Type: Undetermined
Title: Sand Island WWTP
Imported From: \facilitysite documents\media3020\3020.pdf

iHEER System - Documents

Date : Jul 5, 2002
Document No: 51875
Type: Undetermined
Title: Sand Island WWTP
Imported From: \facilitysite documents\media113162\113162.pdf

iHEER System - Documents

Date : Mar 31, 2003
Document No: 51905
Type: Undetermined
Title: Sand Island WWTP
Imported From: \facilitysite documents\media112271\112271.pdf

iHEER System - Documents

Date : Aug 20, 2002
Document No: 51883
Type: Undetermined
Title: Sand Island WWTP
Imported From: \facilitysite documents\media113160\113160.pdf

iHEER System - Documents

Date : Jul 1, 2003
Document No: 51913
Type: Undetermined
Title: Sand Island WWTP - 1350 Sand Island
Imported From: \facilitysite documents\media113144\113144.pdf

iHEER System - Documents

Date : Mar 20, 2012
Document No: 51828
Type: Undetermined
Title: Sand Island WWTP - Abandonment of MW-2
Imported From: 98841#\Heersharepoint1\facilitysite%20documents\98841.pdf

iHEER System - Documents

Date : Jun 17, 2003
Document No: 51912
Type: Undetermined
Title: Sand Island WWTP - Reuse of PCB-Contaminated Soil
Imported From: \facilitysite documents\media113143\113143.pdf

iHEER System - Documents

Date : Oct 30, 2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			51899			
Type:			Undetermined			
Title:			Sand Island WWTP and Ala Moana WWPS and Minutes of Meeting			
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<u>iHEER System - Documents</u>						
Date :			Jan 24, 2003			
Document No:			51873			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant			
Imported From:			\facilitysite documents\media112277\112277.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2002			
Document No:			51843			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant			
Imported From:			\facilitysite documents\media11236\20141030165115700.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 20, 2002			
Document No:			51848			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant			
Imported From:			\facilitysite documents\media11242\20141030175340126.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 5, 2002			
Document No:			51844			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant			
Imported From:			\facilitysite documents\media11237\20141030165105655.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 25, 2002			
Document No:			51858			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Disinfection Facility and Effluent Pump Station			
Imported From:			\facilitysite documents\media11225\20141030133023074.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 23, 2002			
Document No:			51849			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Disinfection Facility and Effluent Pump Station			
Imported From:			\facilitysite documents\media11235\20141030165124479.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 2003			
Document No:			51889			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Draft Phase I ESA, Honolulu HI, Aug 2003			
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jul 3, 2003
Document No: 51940
Type: Undetermined
Title: Sand Island WWTP Final Soil and Groundwater Sampling Report Case ID 20030701-1400
Imported From: \facilitysite documents\media39439\20141030105335501.pdf

iHEER System - Documents

Date : Aug 8, 2003
Document No: 51980
Type: Undetermined
Title: Sand Island WWTP Human Health Risk Assessment comments
Imported From: 2003-228#Q:\2003 Final Correspondence (Day File)\03-228-LY.pdf

iHEER System - Documents

Date : Jul 3, 2002
Document No: 51882
Type: Undetermined
Title: Sand Island WWTP Modifications, Unit I, Phase 2A Project
Imported From: \facilitysite documents\media113164\113164.pdf

iHEER System - Documents

Date : Jan 20, 2022
Document No: 183214
Type: Site Characterization Work Plan
Title: Sand Island WWTP Task 2 - Work Plan 01-20-2022-v1.pdf
Imported From:

iHEER System - Documents

Date : Feb 21, 2003
Document No: 51922
Type: Undetermined
Title: Sand Island WWTP, Draft Site Investigation, Additional Sampling Investigation
Imported From: \facilitysite documents\media112284\112284.pdf

iHEER System - Documents

Date : Mar 10, 2003
Document No: 51891
Type: Undetermined
Title: Sand Island WWTP, PCB Hot Spot Removal, Excavation and Clearance Testing
Imported From: \facilitysite documents\media112291\112291.pdf

iHEER System - Documents

Date : Mar 31, 2003
Document No: 51898
Type: Undetermined
Title: Sand Island WWTP, PCB Hot Spot Removal, Excavation and Clearance Testing Excavation Elevations and Air Sampling Location
Imported From: \facilitysite documents\media112299\112299.pdf

iHEER System - Documents

Date : Aug 12, 2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			51931			
Type:			Undetermined			
Title:			Sand Island Wastewater Treatment Plant Expansion, Primary Treatment, Soil Management, Contract No F33955			
Imported From:			39470#\Heersharepoint1\facilitiesite%20documents\39470.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2003			
Document No:			51904			
Type:			Undetermined			
Title:			Sand Island WWTP, PCB Hot Spot Removal, Excavation and Clearance Testing Excavation Elevations and Air Sampling Location			
Imported From:			\facilitiesite documents\media112268\112268.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2002			
Document No:			51978			
Type:			Undetermined			
Title:			SAP for Sand Island Wastewater Treatment Plant New In-Vessel Bioconversion Facility Sand Island Pkwy, Honolulu HI			
Imported From:			39419#\Heersharepoint1\facilitiesite%20documents\39419.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 18, 2002			
Document No:			51955			
Type:			Undetermined			
Title:			SAP for Sand Island Wastewater Treatment Plant Sewage Pump Station Sand Island Pkwy, Honolulu HI			
Imported From:			39445#\Heersharepoint1\facilitiesite%20documents\39445.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2002			
Document No:			51961			
Type:			Undetermined			
Title:			SAP for Sand Island Wastewater Treatment Plant Sewage Pump Station Sand Island Pkwy, Honolulu HI			
Imported From:			39421#\Heersharepoint1\facilitiesite%20documents\39421.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 1, 2005			
Document No:			51866			
Type:			Undetermined			
Title:			Section 02081 - Contaminated Soil Management			
Imported From:			113201#\Heersharepoint1\facilitiesite%20documents\113201.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2001			
Document No:			51826			
Type:			Undetermined			
Title:			Sep 2001 Version PCB Disposal Approval			
Imported From:			113199#\Heersharepoint1\facilitiesite%20documents\113199.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 8, 2003			
Document No:			51840			
Type:			Undetermined			
Title:			Site Plan Sand Island			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :					Jul 7, 2003	
Document No:					51937	
Type:					Undetermined	
Title:					Soil and Groundwater Sampling Report, Sand Island Wastewater Treatment Plant Primary Clarifier No 7, Honolulu HI	
Imported From:					39460#\Heersharepoint1\facilitysite%20documents\39460.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 5, 2007	
Document No:					51981	
Type:					Undetermined	
Title:					Addendum to Response to DOH Comments, Draft Supplemental Human Health Risk Assessment, Sand Island Wastewater Treatment Plant, Honolulu Hawaii	
Imported From:					121972#\Heersharepoint1\facilitysite%20documents\121972.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 24, 2002	
Document No:					51845	
Type:					Phase II Environmental Site Assessment	
Title:					Additional Sampling and Analysis	
Imported From:					\facilitysite documents\media111241\20141030175359383.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 25, 2002	
Document No:					51839	
Type:					Undetermined	
Title:					Approval for the Sampling Plan for the Sand Island Wastewater Treatment Plant	
Imported From:					\facilitysite documents\media111226\20141030133009136.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 15, 2007	
Document No:					51983	
Type:					Undetermined	
Title:					Approval for well closure	
Imported From:					2007-772#Q:\2007 Final Correspondence (Day File)\07-772-CAC.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 3, 2005	
Document No:					51977	
Type:					Undetermined	
Title:					Approval of a request to stockpile PCB Soil during construction at the Sand Island WWTP	
Imported From:					2005-118#Q:\2005 Final Correspondence (Day File)\05-118-CAC.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 21, 2022	
Document No:					184655	
Type:					Site Characterization Work Plan	
Title:					Approval of Soil Assessment Work Plan for Sand Island WWTP	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 7, 2022			
Document No:			182710			
Type:			Review Letter			
Title:			Approval SIWWTP Phase I Construction Proj. Revised SAP WP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 17, 2003			
Document No:			51874			
Type:			Undetermined			
Title:			Asphalt Stockpile			
Imported From:			\\facilitysite documents\media112274\112274.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2008			
Document No:			14058			
Type:			Undetermined			
Title:			Closure of Wells beneath Soil stockpile area			
Imported From:			2008-087#Q:\2008 Final Correspondence (Day File)\08-087-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 11, 2007			
Document No:			51982			
Type:			Undetermined			
Title:			Comments on Response to DOH comments on the Draft Supplemental Human Health Risk Assessment for Sand Island Wastewater Treatment Plant Letter, Jun 4, 2007, prepared by Environet Inc (EI			
Imported From:			2007-722#Q:\2007 Final Correspondence (Day File)\07-722-AF-FINAL-D.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 22, 2004			
Document No:			51974			
Type:			Undetermined			
Title:			Comments on the Draft SAP for Hazardous Materials Study			
Imported From:			2004-245#Q:\2004 Final Correspondence (Day File)\04-245-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 22, 2020			
Document No:			176925			
Type:			Environmental Hazard Management Plan			
Title:			Final Construction Environmental Hazard Management Plan, Sand Island Wastewater Treatment Plant Secondary Treatment, January 2020			
Imported From:			2020-01-22 Final C-EHMP SIWWTP.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 6, 2022			
Document No:			183693			
Type:			Site Characterization Work Plan			
Title:			FINAL ENVIRONMENTAL SAMPLING WORK PLAN FOR SECONDARY TREATMENT PHASE 1 CONSTRUCTION PROJECT SAND ISLAND WASTEWATER TREATMENT PLANT HONOLULU, OAHU, HAWAII Submission			
Imported From:						
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Nov 30, 2003
Document No: 51936
Type: Undetermined
Title: Final Phase I ESA Sand Island Wastewater Treatment Plant, Honolulu HI Nov 2003
Imported From: 39461#\Heersharepoint1\facilitiesite%20documents\39461.pdf

iHEER System - Documents

Date : Jan 5, 2022
Document No: 182709
Type: Site Characterization Work Plan
Title: Final Phase I Sampling Work Plan_0105022-v1.pdf
Imported From:

iHEER System - Documents

Date : Apr 4, 2005
Document No: 196561
Type: Undetermined
Title: FINAL REPORT - HAZARDOUS MATERIALS SITE INVESTIGATION
Imported From:

iHEER System - Documents

Date : Jan 25, 2006
Document No: 51920
Type: Undetermined
Title: Final Report Additional Soil Sampling Investigation Soil Management Project Eastern Investigation Area, Sand Island, Honolulu HI
Imported From: 39468#\Heersharepoint1\facilitiesite%20documents\39468.pdf

iHEER System - Documents

Date : Aug 30, 2005
Document No: 51924
Type: Undetermined
Title: Final Report Additional Soil Sampling Investigation Soil Management Project Western Investigation Area, Sand Island, Honolulu HI
Imported From: 39454#\Heersharepoint1\facilitiesite%20documents\39454.pdf

iHEER System - Documents

Date : Jan 25, 2006
Document No: 51939
Type: Undetermined
Title: Final Report Remedial Design Report Soil Management Project Sand Island Wastewater Treatment Plant, Honolulu HI
Imported From: 39467#\Heersharepoint1\facilitiesite%20documents\39467.pdf

iHEER System - Documents

Date : Jan 18, 2006
Document No: 15044
Type: Undetermined
Title: Final Reports Soil Management Project Sand Island Wastewater Treatment Plant
Imported From: \facilitiesite documents\media3629\20141030081450464.pdf

iHEER System - Documents

Date : Nov 18, 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			177674			
Type:					Site Characterization Work Plan	
Title:					Final Revised Soil Sampling Work Plan, Remedial Design Soil Stockpile, Sand Island WWTP, Honolulu, Oahu, Hawaii, November 18, 2020	
Imported From:					Revised Final Sand Island RDSS Sampling Work Plan-v1.pdf	
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2005			
Document No:			51930			
Type:			Undetermined			
Title:					Final Site Investigation Report, Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39466#\Heersharepoint1\facilitiesite%20documents\39466.pdf	
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2006			
Document No:			51926			
Type:			Undetermined			
Title:					Final Site Safety and Health Plan Additional Soil Sampling Investigation Soil Management Project Sand Island, Honolulu HI	
Imported From:					39469#\Heersharepoint1\facilitiesite%20documents\39469.pdf	
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2006			
Document No:			51927			
Type:			Undetermined			
Title:					Final Site Safety and Health Plan Additional Soil Sampling Investigation Soil Management Project Sand Island, Honolulu HI	
Imported From:					\facilitiesite documents\media39469\Health and Safety Plan-Undated.pdf	
<u>iHEER System - Documents</u>						
Date :			Dec 9, 2003			
Document No:			51971			
Type:			Environmental Hazard Management Plan			
Title:					Final Soil Management Plan Sand Island Wastewater Treatment Plant, Honolulu HI Dec 2003	
Imported From:					39442#\Heersharepoint1\facilitiesite%20documents\39442.pdf	
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2007			
Document No:			51935			
Type:			Undetermined			
Title:					Final Supplemental Human Health Risk Assessment, Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 22, 2005			
Document No:			16422			
Type:			Undetermined			
Title:					Final Work Plan Additional Soil Sampling Investigation Sand Island WWTP	
Imported From:					\facilitiesite documents\media2879\20141030091843261.pdf	
<u>iHEER System - Documents</u>						
Date :			Jun 22, 2005			
Document No:			51954			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :					Jun 23, 2004	
Document No:					51897	
Type:					Undetermined	
Title:					Handwritten note and email regarding group meeting	
Imported From:					113205#\Heersharepoint1\facilitsite%20documents\113205.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 8, 1989	
Document No:					51895	
Type:					Undetermined	
Title:					Hazardous Chemical Reporting	
Imported From:					113170#\Heersharepoint1\facilitsite%20documents\113170.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 8, 2005	
Document No:					51861	
Type:					Undetermined	
Title:					Hazardous Materials Site Investigation Sand Island Wastewater Treatment Plant, Primary Treatment Expansion Project	
Imported From:					\facilitsite documents\media11221\20141030091830753.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 30, 2003	
Document No:					51857	
Type:					Undetermined	
Title:					HECO Electrical Manholes 3A and 3B and Ducts	
Imported From:					\facilitsite documents\media112279\112279.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 8, 2003	
Document No:					51821	
Type:					Undetermined	
Title:					Human Health Risk Assessment (Final) for Sand Island Wastewater Treatment Plant, Honolulu HI, Aug 2003	
Imported From:					\facilitsite documents\media633\20141030113752074.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 13, 2004	
Document No:					51825	
Type:					Undetermined	
Title:					Human Health Risk Assessment (Revised) for Sand Island Wastewater Treatment Plant, Honolulu HI, Dec 2003	
Imported From:					\facilitsite documents\media3015\20141030101433001.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 30, 2003	
Document No:					51949	
Type:					Undetermined	
Title:					Human Health Risk Assessment Sand Island Wastewater Treatment Plant Honolulu HI	
Imported From:					39438#\Heersharepoint1\facilitsite%20documents\39438.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Dec 30, 2003	
Document No:					51933	
Type:					Undetermined	
Title:					Human Health Risk Assessment Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39464#\Heersharepoint1\facilitiesite%20documents\39464.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 9, 2002	
Document No:					51945	
Type:					Undetermined	
Title:					Letter Report Environmental Site Investigation Follow-On PCB Sampling Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39433#\Heersharepoint1\facilitiesite%20documents\39433.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 21, 2005	
Document No:					51964	
Type:					Undetermined	
Title:					Soil Management Final Report, Western Investigation Area Sand Island	
Imported From:					2005-487#Q:\2005 Final Correspondence (Day File)\05-487-CAC.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 28, 2003	
Document No:					51975	
Type:					Undetermined	
Title:					Letter Report Environmental Site Investigation Proposed New Pond and Injection Well Locations PCB Sampling Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					39429#\Heersharepoint1\facilitiesite%20documents\39429.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 25, 2005	
Document No:					51834	
Type:					Undetermined	
Title:					Soil Management Project Sand Island Wastewater Treatment Plant, Honolulu HI	
Imported From:					\facilitiesite documents\media2983\20141030091914097.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 4, 2020	
Document No:					177522	
Type:					Site Characterization Work Plan	
Title:					Soil Sampling Work Plan, Remedial Design Soil Stockpile, Sand Island Wastewater Treatment Plant, Honolulu, Oahu, Hawaii, November 4, 2020	
Imported From:					Sand Island RDSS Sampling Work Plan.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 14, 2019	
Document No:					51864	
Type:					Undetermined	
Title:					Solid Waste Management Permit Temporary Solid Waste Management Facility Sand Island Wastewater Treatment Plant 1350 Sand Island Parkway Honolulu Hawaii 96819 (TMK (1) 1-5-041:022)	
Imported From:					136307#\Heersharepoint1\facilitiesite%20documents\136307.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 27, 2004			
Document No:			51984			
Type:			Undetermined			
Title:			Stockpiling of PCB Soil at the Sand Island WWTP			
Imported From:			2004-560#Q:\2004 Final Correspondence (Day File)\04-560-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2005			
Document No:			51822			
Type:			Undetermined			
Title:			Stockpiling of PCB-Contaminated Soil Hart St Force Main Emergency Repair Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			\\facilitysite documents\media2541\20141030101546570.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2023			
Document No:			203562			
Type:			Undetermined			
Title:			TetraTech Comments on C-EHMP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2002			
Document No:			51953			
Type:			Undetermined			
Title:			Toxic Substances Control Act Notification Report, Sand Island Wastewater Treatment Plant, Honolulu HI			
Imported From:			39423#\Heersharepoint1\facilitysite%20documents\39423.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 27, 2007			
Document No:			51902			
Type:			Undetermined			
Title:			Transfer Oversight to SDAR Section			
Imported From:			2007-680#Q:\2007 Final Correspondence (Day File)\07-680-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 18, 2021			
Document No:			179096			
Type:			Undetermined			
Title:			Transmittal email "[EXTERNAL] watson.tanji@aecom.com sent you files via WeTransfer"			
Imported From:			2021-03-18 transmittal email C-EHMP.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 21, 2021			
Document No:			179577			
Type:			Undetermined			
Title:			Transmittal email, 2021-04-20			
Imported From:			Screen Shot 2021-04-21 at 8.36.03 AM.png.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 10, 2004			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			51859			
Type:			Undetermined			
Title:			Transmittal Memo - Re: Sand Island WWTP - Site Investigation SAP			
Imported From:			113202#\Heersharepoint1\facilitiesite%20documents\113202.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 9, 2021			
Document No:			178723			
Type:			Undetermined			
Title:			TSCA PCB Risk-Based Disposal Approval Application (DRAFT), Sand Island WWTP, February 2021			
Imported From:			Draft SIWWTP RDSS 61c TSCA Application January 2021 Rev 002.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 21, 2021			
Document No:			179578			
Type:			Undetermined			
Title:			TSCA PCB Risk-Based Disposal Approval Application, Sand Island WWTP, 4/20/2021			
Imported From:			Draft SIWWTP RDSS 61c TSCA Application January 2021 Rev 004.pdf (42.32 MB)			
<u>iHEER System - Documents</u>						
Date :			Apr 9, 2021			
Document No:			179477			
Type:			Undetermined			
Title:			TSCA PCB Risk-Based Disposal Approval Application, Sand Island WWTP, April 2021			
Imported From:			Revised SIWWTP RDSS 61c TSCA Application April 2021 Rev 003.pdf (119.59 MB)			
<u>iHEER System - Documents</u>						
Date :			Aug 3, 2021			
Document No:			180593			
Type:			Undetermined			
Title:			USEPA Conditional Approval Under 40 CFR §761.61(c) of PCB Soil Excavation and Disposal – Sand Island WWTP, MBSSI Project (HID982472383)			
Imported From:			2021-08-03 SIWWTP-MBSSI 761.61c Approval Letter.pdf (280.78 KB)			
<u>iHEER System - Documents</u>						
Date :			Jun 25, 2003			
Document No:			51911			
Type:			Undetermined			
Title:			Various maps of Sand Island WWTP Phase I ESA			
Imported From:			112266#\Heersharepoint1\facilitiesite%20documents\112266.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 10, 2005			
Document No:			51876			
Type:			Undetermined			
Title:			Verification of requirements for managing Contaminated Soil during construction			
Imported From:			2005-131#Q:2005 Final Correspondence (Day File)\05-131-CAC.pdf			
<u>iHEER System - Locations Details</u>						
Locations ID:			1855			
Location Type:			SC			
Description:			Sand Island WWTP			
Comment :			Google Maps and TMK 115041022			
Centroid:			POINT (-157.881193 21.30564199999992)			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Geometry:

POINT (-157.881193 21.305641999999992)

iHEER System - Locations Details

Locations ID: 6655
Location Type: EHMP
Description: EHMP MBSSI
Comment : Google Maps and Doc 172070
Centroid: POINT (-157.88404629940655 21.305505447288386)
Geometry:

POLYGON ((-157.8827392934904 21.303921500956008, -157.88376926175741 21.303451702508532, -157.88405894032832 21.3036316254958, -157.88404821148836 21.303771565444404, -157.88403748265739 21.303871522469411, -157.88406966915923 21.303941492345725, -157.88411258451012 21.304011462189536, -157.88417695752287 21.304131410415209, -157.88430570355735 21.304391297901304, -157.88444517842282 21.304651184928534, -157.88531421414447 21.306230488512643, -157.8853249429844 21.306250479589, -157.88535712948627 21.306290461731894, -157.88416622869187 21.306810228606686, -157.88473485700268 21.307939715666496, -157.8845524667864 21.307909729396577, -157.88445590726278 21.307909729396577, -157.88430570355735 21.307909729396577, -157.88418768636279 21.307929720244395, -157.88393019429378 21.307969701930258, -157.88380144825931 21.307959706510243, -157.88371561757566 21.3079497110887, -157.88375853291748 21.307739807085088, -157.88382290593023 21.307479925522525, -157.88384436361014 21.30719005708249, -157.88388727895196 21.306770246604394, -157.88387655011203 21.306280466197595, -157.88388727895196 21.306170515268921, -157.8827392934904 21.303921500956008))

iHEER System - Locations Details

Locations ID: 8218
Location Type: SB
Description:
Comment :
Centroid: POINT (-157.88198193374674 21.305628120850049)
Geometry:

POLYGON ((-157.8847388803143 21.307932219098948, -157.8841702519945 21.306812727480256, -157.88536651722237 21.306292960615135, -157.88406296363993 21.303928997726526, -157.88406832805541 21.303624128707597, -157.88376792064457 21.303429212118591, -157.8827272235466 21.303919002030746, -157.87969096294535 21.303249288883467, -157.87943347087634 21.303459199303035, -157.87860735050555 21.30644789131486, -157.88023276916078 21.30688269595662, -157.88079603305607 21.307142578575778, -157.881847458994 21.307717317351578, -157.88250191798849 21.308027175584922, -157.88290961376288 21.308067157245084, -157.88333340278376 21.308022177876527, -157.88369281879187 21.3079672030747, -157.88369281879187 21.3079672030747, -157.88369281879187 21.3079672030747, -157.88378401390003 21.3079672030747, -157.88378401390003 21.3079672030747, -157.8847388803143 21.307932219098948))

iHEER System - Locations Details

Locations ID: 8256
Location Type: SFPT
Description: MBSSI-EHMP
Comment :
Centroid: POINT (-157.884388 21.305783)
Geometry:

POINT (-157.884388 21.305783)

iHEER System - Locations Details

Locations ID: 8257
Location Type: SFPT
Description: RD Soil Stockpile
Comment :
Centroid: POINT (-157.880155 21.304053999999997)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POINT (-157.880155 21.304053999999997)

iHEER System - Locations Details

Locations ID: 8258
Location Type: SFPY
Description: RD Soil Stockpile
Comment :
Centroid: POINT (-157.88013013605769 21.303992056953476)
Geometry:

POLYGON ((-157.87925912730128 21.304343818490921, -157.88041247717828 21.304628694722187, -157.88072897784457 21.30461869907484, -157.88097037664912 21.303789057927879, -157.88089527479642 21.303599139415855, -157.87970437399304 21.303324256925297, -157.87948979727489 21.303479190755638, -157.87925912730128 21.304343818490921))

Site Details

Centroid: POINT (-157.881193 21.305641999999992)
Updated On: 3/18/2021 8:15:40 AM
Coordinates: 21.305641999999992,-157.881193

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Sand Island Waste Water Treatment Plant

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: 1240 Sand island Parkway

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: 1350 Sand island Parkway

226	1 of 1	N	0.67 / 3,556.27	3.28 / 0	393 North King Street 393 N King St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1512
Site Name (Public iHEER): 393 North King Street
Aliases (Public iHEER): Tong Fat Building

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		393 N King St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		SRP				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		8/24/2020 2:03:53 PM				
Ms Access ID (Public iHEER):		2619				
Suppl Loc (Public iHEER):		393 N King St, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115007003				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1512				
Site Name (PORTAL):		393 North King Street				
Loc Desc (PORTAL):		393 N King St, Honolulu, HI 96817				
Address (PORTAL):		393 N King St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		SRP				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1512/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Apr 7, 2017
Document No: 155916
Type: Review Letter
Title: Approval of the SAP for 393 N King St, City and County Brownfields Area-Wide Assessment Grant
Imported From: 17-106 MGC.pdf

iHEER System - Documents

Date : Mar 1, 2017
Document No: 155915
Type: Phase II Environmental Site Assessment
Title: SAP Phase II ESA 393 N King St, Honolulu HI
Imported From: 125853.pdf

iHEER System - Locations Details

Locations ID: 3046
Location Type: SC
Description:
Comment : Google Eath
Centroid: POINT (-157.86460900000003 21.316594000000002)
Geometry:

POINT (-157.86460900000003 21.316594000000002)

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 5891
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86463848359205 21.31656768555856)
Geometry:

POLYGON ((-157.86446188343595 21.31691386791567, -157.86494468105411 21.316781436602543, -157.86484007490725 21.316371648389058, -157.86477301967776 21.316241715301729, -157.8643760527433 21.316294188293238, -157.86439482820646 21.316524069748144, -157.86441896809413 21.3167214676671, -157.8644243325096 21.316726465079462, -157.8644243325096 21.316726465079462, -157.86446188343595 21.31691386791567))

Site Details

Centroid: POINT (-157.86460900000003 21.316594000000002)
Updated On: 8/24/2020 2:03:53 PM
Coordinates: 21.316594000000002,-157.86460900000003

iHEER System - Aliases

Name: Tong Fat Building

227	1 of 1	ESE	0.68 / 3,577.37	3.28 / 0	BMW Dealership 777 Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2593
Site Name (Public iHEER): BMW Dealership
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, BMW of Honolulu, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project
Street (Public iHEER): 777 Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 109
Suppl Loc (Public iHEER): 777 Kapiolani Blvd
Tax Map Keys (Public iHEER): 121049066
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2593
Site Name (PORTAL): BMW Dealership
Loc Desc (PORTAL): 777 Kapiolani Blvd
Address (PORTAL): 777 Kapiolani Blvd
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/2593/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 10, 2000
Document No: 25708
Type: Undetermined
Title: Additional Question re: 767/777 Kapiolani Blvd
Imported From: 2000-439#Q:\2000 Final Correspondence (Day File)\00-439-AP.pdf

iHEER System - Documents

Date : Aug 11, 2000
Document No: 25714
Type: Undetermined
Title: Laboratory Report for May 2000 Groundwater Samples, 767 and 777 Kapiolani Blvd, Honolulu HI
Imported From: 4909#\Heersharepoint1\facilitysite%20documents\4909.pdf

iHEER System - Documents

Date : Oct 6, 1999
Document No: 25713
Type: Undetermined
Title: Letter Report, Sep 1999, Groundwater Monitoring Results, 767 & 777 Kapiolani Blvd, Project No 99018
Imported From: 36545#\Heersharepoint1\facilitysite%20documents\36545.pdf

iHEER System - Documents

Date : Jul 7, 2000
Document No: 25715
Type: Undetermined
Title: Letter Report-May 2000, Groundwater Monitoring Results, 767 & 777 Kapiolani Blvd, DOH Facility ID 9-103508, Project No 00044/00047
Imported From: 36546#\Heersharepoint1\facilitysite%20documents\36546.pdf

iHEER System - Documents

Date : Jan 24, 2001
Document No: 25720
Type: No Further Action Determination w/ ICs Letter
Title: NFA Priority Notification Letter for the 767/777 Kapiolani Blvd Site, Honolulu HI
Imported From: 2001-031#Q:\2001 Final Correspondence (Day File)\01-031-AP.pdf

iHEER System - Documents

Date : Dec 18, 1998
Document No: 25717
Type: Undetermined
Title: Phase I & Phase II ESA-777 Kapiolani Blvd Site
Imported From: 36547#\Heersharepoint1\facilitysite%20documents\36547.pdf

iHEER System - Documents

Date : Sep 1, 1999
Document No: 25716
Type: Undetermined
Title: Phase III ESA, 767 & 777 Kapiolani Blvd
Imported From: 36548#\Heersharepoint1\facilitysite%20documents\36548.pdf

iHEER System - Documents

Date : Sep 1, 1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			25702			
Type:			Undetermined			
Title:			Phase III ESA, 767 and 777 Kapiolani Blvd, Honolulu Hawaii			
Imported From:			121529#\Heersharepoint1\facilitiesite%20documents\121529.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 2000			
Document No:			25711			
Type:			Undetermined			
Title:			Priority Notification Letter for 767/777 Kapiolani Blvd Site			
Imported From:			2000-270#Q:\2000 Final Correspondence (Day File)\00-270-AP.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 12, 2000			
Document No:			25703			
Type:			Undetermined			
Title:			Responses to the DOH Concerns at the 767 and 777 Kapiolani Blvd Property			
Imported From:			2102#\Heersharepoint1\facilitiesite%20documents\2102.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 17, 2000			
Document No:			25718			
Type:			Undetermined			
Title:			September 1999 Groundwater Monitoring Results - 767 and 777 Kapiolani Boulevard, Honolulu Hawaii			
Imported From:			133506#\Heersharepoint1\facilitiesite%20documents\133506.pdf			
<u>iHEER System - Documents</u>						
Date :			May 26, 2000			
Document No:			25712			
Type:			Undetermined			
Title:			Site Screening Sheet for 767/777 Kapiolani Blvd. with Release ID 19990401-1450			
Imported From:			121527#\Heersharepoint1\facilitiesite%20documents\121527.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 31, 2000			
Document No:			25707			
Type:			Undetermined			
Title:			Various Documents for BMW of Honolulu at 777 Kapiolani Blvd			
Imported From:			121532#\Heersharepoint1\facilitiesite%20documents\121532.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 28, 2000			
Document No:			25709			
Type:			Undetermined			
Title:			767/777 Kapiolani Blvd			
Imported From:			49391#\Heersharepoint1\facilitiesite%20documents\49391.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 28, 2000			
Document No:			25710			
Type:			Undetermined			
Title:			767/777 Kapiolani Blvd			
Imported From:			2000-291#Q:\2000 Final Correspondence (Day File)\00-291-BH.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 22, 2000
Document No: 25719
Type: Undetermined
Title: 767/777 Kapiolani Blvd, Site Release ID 19990401-1450
Imported From: 2101#\Heersharepoint1\facilitiesite%20documents\2101.pdf

iHEER System - Documents

Date : Sep 8, 2000
Document No: 25706
Type: Undetermined
Title: 767/777 Kapiolani Blvd. RE-SCREEN with Release ID 19990401-1450
Imported From: 121531#\Heersharepoint1\facilitiesite%20documents\121531.pdf

iHEER System - Documents

Date : Jul 12, 2000
Document No: 25704
Type: Undetermined
Title: 767/777 Kapiolani Blvd. Site - Meeting w/ PRP & Consultant
Imported From: 121528#\Heersharepoint1\facilitiesite%20documents\121528.pdf

iHEER System - Documents

Date : Sep 8, 2000
Document No: 25705
Type: Undetermined
Title: 825 Kapiolani Blvd
Imported From: 121530#\Heersharepoint1\facilitiesite%20documents\121530.pdf

iHEER System - Locations Details

Locations ID: 804
Location Type: SC
Description: BMW Dealership
Comment : Address
Centroid: POINT (-157.85420200000002 21.300113)
Geometry:

POINT (-157.85420200000002 21.300113)

Site Details

Centroid: POINT (-157.85420200000002 21.300113)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.300113,-157.85420200000002

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: BMW of Honolulu

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

228	1 of 2	S	0.68 / 3,584.59	6.56 / 3	Kewalo Incinerator 111 Ohe St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 951
Site Name (Public iHEER): Kewalo Incinerator
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, Kewalo Incinerator Ash Dump
Street (Public iHEER): 111 Ohe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA/IC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/2/2019 3:14:35 PM
Ms Access ID (Public iHEER): 553
Suppl Loc (Public iHEER): 111 Ohe St
Tax Map Keys (Public iHEER): 121060017, 121060025
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 951
Site Name (PORTAL): Kewalo Incinerator
Loc Desc (PORTAL): 111 Ohe St
Address (PORTAL): 111 Ohe St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/951/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Mar 10, 2006
Document No: 36969
Type: Undetermined
Title: Review of Proposed Plan for Improvements for the Discovery Children's Center
Imported From: 2006-140#Q:\2006 Final Correspondence (Day File)\06-140-SPM.pdf

iHEER System - Documents

Date : Aug 28, 2007
Document No: 36963
Type: Undetermined
Title: SAP for the Children's Discovery Center (8/07)
Imported From: 6687#\Heersharepoint1\facilitysite%20documents\6687.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 2, 2007
Document No: 36965
Type: Undetermined
Title: SAP for the Children's Discovery Center (8/07)
Imported From: 2007-693#Q:\2007 Final Correspondence (Day File)\07-693-CMM.pdf

iHEER System - Documents

Date : Aug 1, 2007
Document No: 36966
Type: Undetermined
Title: SAP for the Children's Discovery Center, TMK 1-2-1-060-017
Imported From: 38709#\Heersharepoint1\facilitiesite%20documents\38709.pdf

iHEER System - Documents

Date : May 2, 2006
Document No: 26814
Type: Undetermined
Title: Special Management Area Approval Addition to Hawaii Children's Discovery Center
Imported From: 4338#\Heersharepoint1\facilitiesite%20documents\4338.pdf

iHEER System - Documents

Date : May 23, 2006
Document No: 36982
Type: Undetermined
Title: Transmittal form regarding Children's Discovery Center
Imported From: 4528#\Heersharepoint1\facilitiesite%20documents\4528.pdf

iHEER System - Documents

Date : Dec 2, 1994
Document No: 36964
Type: Undetermined
Title: UST Closure at the Kewalo Basin Incinerator Facility, 111 Ohe St, Honolulu HI DOH Facility Identification No 9-102984 for Industrial Technology
Imported From: 38705#\Heersharepoint1\facilitiesite%20documents\38705.pdf

iHEER System - Documents

Date :
Document No: 183172
Type: Undetermined
Title: Written Historical & Descriptive Data, Photos
Imported From:

iHEER System - Documents

Date : Apr 13, 2006
Document No: 36974
Type: Undetermined
Title: Children's Discovery Center
Imported From: 4074#\Heersharepoint1\facilitiesite%20documents\4074.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Apr 26, 2006
Document No: 36980
Type: Undetermined
Title: Children's Discovery Center - With Attached Reports
Imported From: 121260#\Heersharepoint1\facilitiesite%20documents\121260.pdf

iHEER System - Documents

Date : Jan 10, 2007
Document No: 36972
Type: Undetermined
Title: Concurrence with Extension Construction Plan for Hawaii Children's Discovery Center
Imported From: 2007-026#Q:\2007 Final Correspondence (Day File)\07-026-SPM.pdf

iHEER System - Documents

Date : Jan 12, 2007
Document No: 36968
Type: Undetermined
Title: Concurrence with Extension Construction Plan for Hawaii Children's Discovery Center
Imported From: 2007-032#Q:\2007 Final Correspondence (Day File)\07-032-SPM.pdf

iHEER System - Documents

Date : Mar 1, 2006
Document No: 36973
Type: Undetermined
Title: Discovery Children's Center
Imported From: 121265#\Heersharepoint1\facilitiesite%20documents\121265.pdf

iHEER System - Documents

Date : Apr 3, 2006
Document No: 36962
Type: Undetermined
Title: Hawaii Children's Discovery Center project
Imported From: 3963#\Heersharepoint1\facilitiesite%20documents\3963.pdf

iHEER System - Documents

Date : Nov 22, 1994
Document No: 36979
Type: Undetermined
Title: Heating Oil Tank at Kewalo Incinerator
Imported From: 121268#\Heersharepoint1\facilitiesite%20documents\121268.pdf

iHEER System - Documents

Date : Feb 27, 2006
Document No: 36981
Type: Undetermined
Title: Improvements to the Children's Discovery Center
Imported From: 121262#\Heersharepoint1\facilitiesite%20documents\121262.pdf

iHEER System - Documents

Date : Feb 22, 1995
Document No: 36971
Type: Undetermined
Title: Kewalo Incinerator Hazardous Materials Removal and Kewalo Incinerator Building General Demolition and Structural Stabilization

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		3960#\Heersharepoint1\facilitiesite%20documents\3960.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 30, 1992				
Document No:		36977				
Type:		Undetermined				
Title:		Kewalo Incinerator Site Assessment				
Imported From:		121231#\Heersharepoint1\facilitiesite%20documents\121231.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 12, 2007				
Document No:		36976				
Type:		Undetermined				
Title:		Limited Surface Soil Investigation Letter Report, Children's Discovery Center, TMK 1-2-1-060-017				
Imported From:		7045#\Heersharepoint1\facilitiesite%20documents\7045.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 3, 2007				
Document No:		36967				
Type:		Undetermined				
Title:		Limited Surface Soil Investigation Letter Report, Children's Discovery Center, TMK 1-2-1-060-017				
Imported From:		38710#\Heersharepoint1\facilitiesite%20documents\38710.pdf				
<u>iHEER System - Documents</u>						
Date :						
Document No:		36975				
Type:		Undetermined				
Title:		Miscellaneous Documents				
Imported From:		113406#\Heersharepoint1\facilitiesite%20documents\113406.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 8, 2008				
Document No:		36983				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action Determination				
Imported From:		2008-015#Q:\2008 Final Correspondence (Day File)\08-015-CMM.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 31, 2005				
Document No:		36970				
Type:		Undetermined				
Title:		Oceanic Analytical Laboratory Inc, QA Manual				
Imported From:		62885#\Heersharepoint1\facilitiesite%20documents\62885.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 23, 1994				
Document No:		36978				
Type:		Undetermined				
Title:		Referral of Unregulated UST Release				
Imported From:		121266#\Heersharepoint1\facilitiesite%20documents\121266.pdf				
<u>iHEER System - Locations Details</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		1740				
Location Type:		SC				
Description:		Kewalo Incinerator-Former				
Comment :		Google Maps				
Centroid:		POINT (-157.862072 21.29361900000001)				
Geometry:		POINT (-157.862072 21.29361900000001)				

Site Details

Centroid: POINT (-157.862072 21.29361900000001)
Updated On: 10/2/2019 3:14:35 PM
Coordinates: 21.29361900000001,-157.862072

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kewalo Incinerator Ash Dump

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Kakaako Makai

228	2 of 2	S	0.68 / 3,584.59	6.56 / 3	Verizon Wireless, HON Point Panic Cell Site 111 Ohe St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 3078
Site Name (Public iHEER): Verizon Wireless, HON Point Panic Cell Site
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 111 Ohe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/9/2020 12:16:43 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 111 Ohe St
Tax Map Keys (Public iHEER): 121060017
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3078
Site Name (PORTAL): Verizon Wireless, HON Point Panic Cell Site
Loc Desc (PORTAL): 111 Ohe St
Address (PORTAL): 111 Ohe St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3078/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Aug 17, 2017
Document No: 177541
Type: Environmental Hazard Management Plan
Title: Proposed Verizon Wireless HON Point Panic Cell Site (VZW Project ID #2014000066) 111 Ohe Street (Portion of TMK Number: [1] 2-1-060: Parcel 017) Honolulu, Oahu, Hawaii 96813
Imported From:

iHEER System - Locations Details

Locations ID: 7324
Location Type: SC
Description: HON Point Panic Cell Site
Comment : Google Maps and Doc
Centroid: POINT (-157.861713 21.293649000000013)
Geometry:

POINT (-157.861713 21.293649000000013)

Site Details

Centroid: POINT (-157.861713 21.293649000000013)
Updated On: 11/9/2020 12:16:43 PM
Coordinates: 21.293649000000013,-157.861713

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

229	1 of 1	W	0.68 / 3,608.69	3.28 / 0	Bill's Crane Service 1071 Makepono St Honolulu HI 96819	SHWS
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iHEER ID (Public iHEER): 2120
Site Name (Public iHEER): Bill's Crane Service
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Former Bills Crane Service Inc
Street (Public iHEER): 1071 Makepono St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		2/26/2021 3:35:11 PM				
Ms Access ID (Public iHEER):		2600				
Suppl Loc (Public iHEER):		1071 Makepono St, Honolulu, HI 96819				
Tax Map Keys (Public iHEER):		115041014				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2120				
Site Name (PORTAL):		Bill's Crane Service				
Loc Desc (PORTAL):		1071 Makepono St, Honolulu, HI 96819				
Address (PORTAL):		1071 Makepono St Honolulu, HI 96819				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2120/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Locations Details

Locations ID: 3551
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.876447 21.305485000000008)
Geometry:

POINT (-157.876447 21.305485000000008)

iHEER System - Locations Details

Locations ID: 6102
Location Type: SB
Description: Project site
Comment : Placed by RPM
Centroid: POINT (-157.87644553383279 21.305491770162519)
Geometry:

POLYGON ((-157.87629398164981 21.305332995599962, -157.87631275711297 21.305565393107251, -157.87660243568388 21.30565035554595, -157.87657293138975 21.305415459273252, -157.87629398164981 21.305332995599962))

Site Details

Centroid: POINT (-157.876447 21.305485000000008)
Updated On: 2/26/2021 3:35:11 PM
Coordinates: 21.305485000000008,-157.876447

iHEER System - Aliases

Name: Former Bills Crane Service Inc

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Low Priority Site

230	1 of 3	NW	0.69 / 3,630.72	3.28 / 0	BHP Pier 29 739 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2409
Site Name (Public iHEER): BHP Pier 29
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor IDPP OU-1C, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, IDPP
Street (Public iHEER): 739 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA/IC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/8/2021 12:52:39 PM
Ms Access ID (Public iHEER): 101
Suppl Loc (Public iHEER): 739 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115038002
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2409
Site Name (PORTAL): BHP Pier 29
Loc Desc (PORTAL): 739 N Nimitz Hwy
Address (PORTAL): 739 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2409/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date :
Document No: 181039
Type: Memo To File
Title: Additional Site Documents in File OU-1C
Imported From:

iHEER System - Documents

Date : Aug 31, 1996
Document No: 182037
Type: Undetermined
Title: Chemical Spill Cleanup Claim No YB961039
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 17, 1997
Document No: 25604
Type: Undetermined
Title: Closure Report, Surface Soil Contamination at the BHP Petroleum Americas Refining Inc, Facility at 739 N Nimitz Hwy, Honolulu HI
Imported From: 36512#\Heersharepoint1\facilitiesite%20documents\36512.pdf

iHEER System - Documents

Date : May 15, 1995
Document No: 25606
Type: Undetermined
Title: Comments on "Environmental SAP for a Property Divestment Risk Assessment at the BHP Honolulu Terminal Facility", Apr, 1995
Imported From: 47425#\Heersharepoint1\facilitiesite%20documents\47425.pdf

iHEER System - Documents

Date : Apr 30, 1996
Document No: 25601
Type: Undetermined
Title: Comments on the "Human Health Baseline Risk Assessment for the BHP Honolulu Terminal Site", Nov 1995
Imported From: 47541#\Heersharepoint1\facilitiesite%20documents\47541.pdf

iHEER System - Documents

Date : Sep 9, 1994
Document No: 25598
Type: Undetermined
Title: Draft Phase I ESA BHP Pier 29 Terminal Facility, Honolulu HI
Imported From: 36508#\Heersharepoint1\facilitiesite%20documents\36508.pdf

iHEER System - Documents

Date : Dec 21, 1992
Document No: 25588
Type: Undetermined
Title: Draft Report on Groundwater Monitoring Well Sampling and Bailing at the Pacific Resources Terminals Inc, Honolulu Terminal
Imported From: 36519#\Heersharepoint1\facilitiesite%20documents\36519.pdf

iHEER System - Documents

Date : Jan 12, 1993
Document No: 25585
Type: Undetermined
Title: Groundwater Monitoring Wells: Honolulu Terminal
Imported From: 126205#\Heersharepoint1\facilitiesite%20documents\126205.pdf

iHEER System - Documents

Date : Jan 11, 1993
Document No: 25591
Type: Undetermined
Title: Groundwater Monitoring Well Sampling and Bailing at the Pacific Resources Terminals Inc, Honolulu Terminal
Imported From: 36511#\Heersharepoint1\facilitiesite%20documents\36511.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 6, 1993
Document No: 25589
Type: Undetermined
Title: Groundwater Monitoring Well Sampling and Bailing at the Pacific Resources Terminals Inc, Honolulu Terminal Draft
Imported From: 36518#\Heersharepoint1\facilitiesite%20documents\36518.pdf

iHEER System - Documents

Date : May 7, 1996
Document No: 182056
Type: Undetermined
Title: Hazmat Clean Up Site Safety Plan
Imported From:

iHEER System - Documents

Date : Dec 22, 1992
Document No: 25587
Type: Undetermined
Title: Letter Report on Air Sampling at the Young Brothers Property N Nimitz Hwy, Honolulu HI 96817
Imported From: 36515#\Heersharepoint1\facilitiesite%20documents\36515.pdf

iHEER System - Documents

Date : May 1, 1995
Document No: 25593
Type: Undetermined
Title: Phase II ESA, Limited Soil and Ground-Water Sampling, Appendix A
Imported From: 126206#\Heersharepoint1\facilitiesite%20documents\126206.pdf

iHEER System - Documents

Date : Feb 13, 1995
Document No: 25596
Type: Undetermined
Title: Sampling location figures
Imported From: 126364#\Heersharepoint1\facilitiesite%20documents\126364.pdf

iHEER System - Documents

Date : May 7, 1996
Document No: 182053
Type: Undetermined
Title: Spilled Tote-Tank Incident Investigation
Imported From:

iHEER System - Locations Details

Locations ID: 822
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.872651 21.311984999999982)
Geometry:

POINT (-157.872651 21.311984999999982)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.872651 21.311984999999982)
Updated On: 2/8/2021 12:52:39 PM
Coordinates: 21.311984999999982,-157.872651

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: IDPP

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor IDPP OU-1C

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

230	2 of 3	NW	0.69 / 3,630.72	3.28 / 0	Aloha Petroleum Terminal 739 N Nimitz Hwy Honolulu HI 96817	DELISTED SHWS
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Delisted HEER Sites of Interest

HID No:		Lead Agency:	HEER
Fac Registry ID:	110005723404	Project Manager:	Iris van der Zander
Assessment:	Assessment Ongoing	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrl:	Hazard Managed With Controls	Loc State USPS Cd:	HI
Date Issued:	4/1/2016 2:51:02 AM	Loc ZIP Suffix:	
Priority:	Medium	Latitude:	21.313062
Engineer Control:	Engineering Control Required	Longitude:	-157.871679
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued		
Supplemental Location:	Equilon Enterprises LLC Honolulu Terminal		
Within Design. Area Contam.:	Honolulu Harbor Iwilei Unit		
SDAR Enviro Interest Name:	Aloha Petroleum Terminal		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Nature of Contamination: Nature of Residual Contam.: Description of Restrictions: Doc Subject: Program Designation: Data Source(s): Original Source: Record Date:		Found: TPH SHWS 23-JAN-2018				

230	3 of 3	NW	0.69 / 3,630.72	3.28 / 0	BHP Hawaii, Inc. 739 N Nimitz Hwy Honolulu HI	DELISTED SHWS
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Delisted HEER Sites of Interest

iHEER ID (Public iHEER): 980
Site Name (Public iHEER): BHP Hawaii, Inc.
Street (Public iHEER): 739 N Nimitz Hwy
City (Public iHEER): Honolulu
County (Public iHEER): Honolulu
Zip Code (Public iHEER):
State (Public iHEER): HI
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Updated on (Public iHEER): 2020-06-05T20:06:39.7830000
Island (Public iHEER): Oahu
Suppl Loc (Public iHEER): OU1C IDPP, Pier 29
Assigned Rpm: iris.vanderzander@doh.hawaii.gov
Is Public: FALSE
Aliases:
Msaccess ID:
Status Name:
Taxmap Keys:
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
Iheer ID (PORTAL):
Site Name (PORTAL):
Address (PORTAL):
County (PORTAL):
Status (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Priority (PORTAL):
Assigned Rpm (PORTAL):
Location Desc (PORTAL):
Island (PORTAL):
Details Url (PORTAL):
Data Source(s):
Original Source: SHWS
Record Date: 29-DEC-2021

231	1 of 1	ESE	0.69 / 3,661.52	3.28 / 0	Chuei Shokoh, Inc. 825 Kapiolani Blvd. 825 Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1426
Site Name (Public iHEER): Chuei Shokoh, Inc. 825 Kapiolani Blvd.
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Chuei Shokoh, Inc., Former Young Laundry-Hotel, Honolulu High-Capacity Transit Corridor Project, Symphony Park, VRP-05, Voluntary Response Program 05
Street (Public iHEER): 825 Kapiolani Blvd
City (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		VRP				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		8/24/2021 8:18:06 AM				
Ms Access ID (Public iHEER):		151				
Suppl Loc (Public iHEER):		825 Kapiolani Blvd				
Tax Map Keys (Public iHEER):		121049065				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1426				
Site Name (PORTAL):		Chuei Shokoh, Inc. 825 Kapiolani Blvd.				
Loc Desc (PORTAL):		825 Kapiolani Blvd				
Address (PORTAL):		825 Kapiolani Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		VRP				
Assigned Rpm (PORTAL):		Sven Lindstrom				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1426/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 21, 2003
Document No: 7275
Type: Undetermined
Title: Cover letter for LOC 825 Kapiolani
Imported From: 2003-204#Q:2003 Final Correspondence (Day File)\03-204-MS.pdf

iHEER System - Documents

Date : Jun 24, 2003
Document No: 7267
Type: Undetermined
Title: Cover letter for signed VRP Amendment
Imported From: 50570#\Heersharepoint1\facilitysite%20documents\50570.pdf

iHEER System - Documents

Date : Jul 2, 2003
Document No: 7285
Type: Undetermined
Title: Cover memo for LOC for Shelton Properties
Imported From: 2003-185#Q:2003 Final Correspondence (Day File)\03-185-MS.pdf

iHEER System - Documents

Date : Jul 17, 2000
Document No: 183874
Type: Undetermined
Title: Current and Future Field Activities
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 8, 1999
Document No: 183868
Type: Undetermined
Title: Delineation Sampling Technical Memorandum Facility ID 9-103487; Release ID 990100
Imported From:

iHEER System - Documents

Date : Aug 3, 1999
Document No: 7212
Type: Undetermined
Title: Delineation Sampling Technical Memorandum: 825 Kapiolani Blvd, Honolulu HI
Imported From: 36744#\Heersharepoint1\facilitiesite%20documents\36744.pdf

iHEER System - Documents

Date : Apr 15, 2005
Document No: 7244
Type: Undetermined
Title: Documentation of Well Closure 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program
Imported From: 2728#\Heersharepoint1\facilitiesite%20documents\2728.pdf

iHEER System - Documents

Date :
Document No: 183877
Type: Undetermined
Title: DOH Proposes Approval of Response Action
Imported From:

iHEER System - Documents

Date : Aug 27, 2001
Document No: 7273
Type: Undetermined
Title: DOH Response Part 2 to Belt Collins Hawaii's Jul 10, 2001 Response to Comments on the May 2001 Draft Remedial Investigation Report for 825 Kapiolani Blvd
Imported From: 2001-278#Q:\2001 Final Correspondence (Day File)\01-278-AP.pdf

iHEER System - Documents

Date : Aug 1, 2001
Document No: 7271
Type: Undetermined
Title: DOH Response/Comment Letter on: Belt Collins Hawaii's Jul 10, 2001 Response to initial DOH comments on the May 2001 Draft Remedial Investigation (RI) Report
Imported From: 2001-253#Q:\2001 Final Correspondence (Day File)\01-253-AP.pdf

iHEER System - Documents

Date : Jun 18, 1999
Document No: 7180
Type: Undetermined
Title: Draft Appendix II - Conceptual Site Model of the Work Plan
Imported From: 120817#\Heersharepoint1\facilitiesite%20documents\120817.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Sep 13, 2002
Document No: 7255
Type: Undetermined
Title: Draft RAM Cover (revised) and Page 12 (revised)
Imported From: 127687#\Heersharepoint1\facilitiesite%20documents\127687.pdf

iHEER System - Documents

Date : Jul 24, 2002
Document No: 7217
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525
Imported From: 36754#\Heersharepoint1\facilitiesite%20documents\36754.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 7219
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: \facilitiesite documents\media36755\36755.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 7221
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: \facilitiesite documents\media36755\Draft RAM July 24.doc

iHEER System - Documents

Date : Aug 30, 2002
Document No: 7223
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: \facilitiesite documents\media36755\Fig 1 072302.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 7218
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: 36755#\Heersharepoint1\facilitiesite%20documents\36755.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 7220
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: \facilitiesite documents\media36755\Fig 2 072302.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 30, 2002
Document No: 7222
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Revised 09/13/2002
Imported From: \facilitysite documents\media36755\Fig 3 072302.pdf

iHEER System - Documents

Date : Nov 16, 2001
Document No: 7190
Type: Undetermined
Title: Draft RAM for 825 Kapiolani Boulevard (Submitted Oct 16, 2001)
Imported From: 127679#\Heersharepoint1\facilitysite%20documents\127679.pdf

iHEER System - Documents

Date : Sep 6, 2000
Document No: 183884
Type: Undetermined
Title: Draft Sections of the Confirmation Sampling Plan, An Addendum to the June 1999 Work Plan
Imported From:

iHEER System - Documents

Date : Jun 26, 2000
Document No: 183866
Type: Undetermined
Title: Evaluation of Current Free Product Recovery System and Proposed Addendum
Imported From:

iHEER System - Documents

Date : Jan 31, 2001
Document No: 7256
Type: Undetermined
Title: Final Confirmation Sampling Plan: An Addendum to the Jun 1999 Work Plan 825 Kapiolani Blvd, DOH Release ID 98127-1525
Imported From: 101539#\Heersharepoint1\facilitysite%20documents\101539.pdf

iHEER System - Documents

Date : Nov 22, 2002
Document No: 7213
Type: Response Action Memorandum
Title: Final RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Latitude 21.3° North, Longitude 157.9° West
Imported From: 36756#\Heersharepoint1\facilitysite%20documents\36756.pdf

iHEER System - Documents

Date : Nov 13, 2002
Document No: 7215
Type: Undetermined
Title: Final RAM for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525 Latitude 21.3° North, Longitude 157.9° West
Imported From: 36746#\Heersharepoint1\facilitysite%20documents\36746.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Sep 4, 2001				
Document No:		7224				
Type:		Undetermined				
Title:		Final Remedial Investigation Report for 825 Kapiolani Blvd, DOH UST Facility ID 9-103487, UST Release ID 990100, HEER Case ID 98127-1525, Prepared for Chuei Shokoh Inc				
Imported From:		36758#\Heersharepoint1\facilitsite%20documents\36758.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 4, 2001				
Document No:		7225				
Type:		Undetermined				
Title:		Final Remedial Investigation Report for 825 Kapiolani Blvd, DOH UST Facility ID 9-103487, UST Release ID 990100, HEER Case ID 98127-1525, Prepared for Chuei Shokoh Inc				
Imported From:		\facilitsite documents\media36758\20141017082256904.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 9, 2002				
Document No:		7182				
Type:		Undetermined				
Title:		Final Remedial Investigation Report for 825 Kapiolani Boulevard (submitted Sep 4, 2001)				
Imported From:		127682#\Heersharepoint1\facilitsite%20documents\127682.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 22, 2002				
Document No:		7179				
Type:		Undetermined				
Title:		Transmittal Coversheet for Final - RAM for 825 Kapiolani Blvd				
Imported From:		120818#\Heersharepoint1\facilitsite%20documents\120818.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 18, 2002				
Document No:		7240				
Type:		Undetermined				
Title:		Update of Free Product Monitoring Activities				
Imported From:		1429#\Heersharepoint1\facilitsite%20documents\1429.pdf				
<u>iHEER System - Documents</u>						
Date :		May 25, 2000				
Document No:		7193				
Type:		Undetermined				
Title:		Voluntary Response Program Agreement dated Jul 30, 1999, Chuei Shokoh, Inc / 825 Kapiolani Blvd, Honolulu				
Imported From:		126820#\Heersharepoint1\facilitsite%20documents\126820.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 3, 2003				
Document No:		7191				
Type:		Agreement				
Title:		Voluntary Response Program Agreement, 825 Kapiolani Blvd				
Imported From:		126822#\Heersharepoint1\facilitsite%20documents\126822.pdf				
<u>iHEER System - Documents</u>						
Date :		May 1, 2006				
Document No:		7243				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Voluntary Response Program- Shelton properties LLC-825 Kapiolani				
Imported From:		4307#\Heersharepoint1\facilitiesite%20documents\4307.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 30, 2000				
Document No:		8968				
Type:		Undetermined				
Title:		VRP Agreement				
Imported From:		8652#\Heersharepoint1\facilitiesite%20documents\8652.pdf				
<u>iHEER System - Documents</u>						
Date :		May 21, 2003				
Document No:		7205				
Type:		Undetermined				
Title:		VRP Agreement for 825 Kapiolani 05/21/2003				
Imported From:		1463#\Heersharepoint1\facilitiesite%20documents\1463.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 22, 2002				
Document No:		7211				
Type:		Undetermined				
Title:		VRP Agreement for 825 Kapiolani 11/22/2002				
Imported From:		1464#\Heersharepoint1\facilitiesite%20documents\1464.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 18, 2002				
Document No:		7254				
Type:		Agreement				
Title:		VRP Agreement for 825 Kapiolani Blvd				
Imported From:		127686#\Heersharepoint1\facilitiesite%20documents\127686.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 15, 2002				
Document No:		7253				
Type:		Undetermined				
Title:		VRP Agreement for 825 Kapiolani Street				
Imported From:		127685#\Heersharepoint1\facilitiesite%20documents\127685.pdf				
<u>iHEER System - Documents</u>						
Date :						
Document No:		183863				
Type:		Undetermined				
Title:		VRP Application				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 20, 1999				
Document No:		7268				
Type:		Undetermined				
Title:		VRP Approval/825 Kapiolani Blvd Property				
Imported From:		1999-205#Q:\1999 Final Correspondence (Day File)\99-205-DS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 31, 2002
Document No: 7283
Type: Undetermined
Title: VRP Billing for 825 Kapiolani Blvd
Imported From: 2002-123#Q:\2002 Final Correspondence (Day File)\02-123-CAC.pdf

iHEER System - Documents

Date : Nov 2, 2000
Document No: 183883
Type: Undetermined
Title: VRP Confirmation Sampling Plan and Risk Assessment Meeting, October 25, 2000
Imported From:

iHEER System - Documents

Date : Sep 22, 1999
Document No: 7197
Type: Undetermined
Title: VRP File Transfer to HEER
Imported From: 1999-421#Q:\1999 Final Correspondence (Day File)\99-421-CL.pdf

iHEER System - Documents

Date : Sep 22, 1999
Document No: 7196
Type: Undetermined
Title: VRP File Transfer to HEER
Imported From: 48920#\Heersharepoint1\facilitiesite%20documents\48920.pdf

iHEER System - Documents

Date : Jun 1, 1999
Document No: 7234
Type: Undetermined
Title: Work Plan (Draft), Site Investigation and Remedial Action under the Hawaii Department of Health Voluntary Response Program
Imported From: 36741#\Heersharepoint1\facilitiesite%20documents\36741.pdf

iHEER System - Documents

Date : Jun 1, 1999
Document No: 7214
Type: Undetermined
Title: Work Plan (Final), Site Investigation and Remedial Action under the Hawaii Department of Health Voluntary Response Program
Imported From: 36742#\Heersharepoint1\facilitiesite%20documents\36742.pdf

iHEER System - Documents

Date : Jan 31, 2001
Document No: 7176
Type: Undetermined
Title: Final Response to Confirmation Sampling Plan Comments, 825 Kapiolani Blvd
Imported From: 127674#\Heersharepoint1\facilitiesite%20documents\127674.pdf

iHEER System - Documents

Date : Jun 29, 2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			7239			
Type:			Monitoring Report			
Title:			First Semi-Annual Free Product Monitoring Report, Jun 2004 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program			
Imported From:			1544#\Heersharepoint1\facilitiesite%20documents\1544.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 25, 2003			
Document No:			183876			
Type:			Undetermined			
Title:			Fourth Quarterly Free Product Monitoring Report, November 2003			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 16, 2002			
Document No:			7227			
Type:			Undetermined			
Title:			Free Product Monitoring Activities 825 Kapiolani Blvd DOH Release ID 18127-1525 Voluntary Response Program			
Imported From:			36747#\Heersharepoint1\facilitiesite%20documents\36747.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 2, 2003			
Document No:			7276			
Type:			Undetermined			
Title:			Free Product Monitoring Plan 825 Kapiolani			
Imported From:			2003-002#Q:\2003 Final Correspondence (Day File)\03-002-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 18, 1999			
Document No:			183867			
Type:			Undetermined			
Title:			Free Product Recovery Report Letter, No Attachment			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Nov 1, 1999			
Document No:			7189			
Type:			Undetermined			
Title:			Free Product Recovery Report, 825 Kapiolani Blvd, Honolulu HI			
Imported From:			36737#\Heersharepoint1\facilitiesite%20documents\36737.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 2002			
Document No:			7233			
Type:			Undetermined			
Title:			HDOH Acceptance of Revised Draft RAM (Sep 13, 2002), Fact Sheet, and NOA 825 Kapiolani Blvd Notice to proceed			
Imported From:			2002-249#Q:\2002 Final Correspondence (Day File)\02-249-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 2002			
Document No:			7284			
Type:			Undetermined			
Title:			HDOH Acknowledgement of Name Change for Owners of 825 Kapiolani Blvd			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Imported From:		2002-247#Q:\2002 Final Correspondence (Day File)\02-247-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 23, 2002				
Document No:		7286				
Type:		Undetermined				
Title:		HDOH comments on Draft RAM 825 Kapiolani Blvd				
Imported From:		2002-206#Q:\2002 Final Correspondence (Day File)\02-206-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 12, 2002				
Document No:		7178				
Type:		Undetermined				
Title:		HDOH comments on Remedial Action Memorandum				
Imported From:		2002-158#Q:\2002 Final Correspondence (Day File)\02-158-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 13, 2002				
Document No:		7230				
Type:		Undetermined				
Title:		HDOH comments on Revised Draft RAM (Aug 30, 2002) 825 Kapiolani Blvd				
Imported From:		2002-248#Q:\2002 Final Correspondence (Day File)\02-248-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 12, 2002				
Document No:		7278				
Type:		Undetermined				
Title:		HDOH comments on Revised Final Remedial Investigation				
Imported From:		2002-157#Q:\2002 Final Correspondence (Day File)\02-157-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 12, 2002				
Document No:		7277				
Type:		Undetermined				
Title:		HDOH comments on Revised Final Remedial Investigation				
Imported From:		50248#\Heersharepoint1\facilitysite%20documents\50248.pdf				
<u>iHEER System - Documents</u>						
Date :		May 31, 2002				
Document No:		7282				
Type:		Undetermined				
Title:		HDOH Responses to Inquiries on HDOH comments on Final RI 825 Kapiolani Blvd				
Imported From:		2002-128#Q:\2002 Final Correspondence (Day File)\02-128-CAC.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 10, 1998				
Document No:		183872				
Type:		Undetermined				
Title:		HI98127-1525				
Imported From:						
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Dec 30, 2000			
Document No:			7249			
Type:			Undetermined			
Title:			Human Health and Ecological Risk Assessment Proposed Approach An Addendum to the Jun 1999 Work Plan 825 Kapiolani Blvd			
Imported From:			101540#\Heersharepoint1\facilitiesite%20documents\101540.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2000			
Document No:			7279			
Type:			Undetermined			
Title:			Human Health and Ecological Risk Assessment, Proposed Approach, an Addendum to the Jun 1999 Work Plan, 825 Kapiolani Blvd, DOH Release ID 98127-1525			
Imported From:			49752#\Heersharepoint1\facilitiesite%20documents\49752.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 2000			
Document No:			183885			
Type:			Undetermined			
Title:			Informational Letter			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 20, 2005			
Document No:			14993			
Type:			Undetermined			
Title:			Letter accepting monitoring well closure			
Imported From:			2005-192#Q:\2005 Final Correspondence (Day File)\05-192-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 14, 2001			
Document No:			7266			
Type:			Undetermined			
Title:			Letter of acceptance for the technical approach presented in the Final Confirmation Sampling Plan: An Addendum to the Jun 1999 Work Plan for 825 Kapiolani Blvd, Honolulu HI			
Imported From:			2001-053#Q:\2001 Final Correspondence (Day File)\01-053-AP.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2001			
Document No:			7251			
Type:			Undetermined			
Title:			Letter of acceptance for the technical approach presented in the Human Health and Ecological Risk Assessment: Proposed Approach" document for 825 Kapiolani Blvd, Honolulu HI			
Imported From:			49702#\Heersharepoint1\facilitiesite%20documents\49702.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 2, 2003			
Document No:			7259			
Type:			Undetermined			
Title:			Letter of Completing to the Voluntary Response Program Agreement date Jul 30, 1999 between Shelton Properties LLC and the Hawaii Department of Health			
Imported From:			2002-184#Q:\2002 Final Correspondence (Day File)\02-184-MS.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 2, 2003			
Document No:			7187			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Letter of Completion, Shelton Properties			
Imported From:			2003-184#Q:\2003 Final Correspondence (Day File)\03-184-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 21, 1999			
Document No:			7206			
Type:			Undetermined			
Title:			Measured Groundwater Levels at 825 Kapiolani Blvd			
Imported From:			36743#\Heersharepoint1\facilitiesite%20documents\36743.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 4, 2003			
Document No:			7262			
Type:			Undetermined			
Title:			Memo to amend 825 Kapiolani			
Imported From:			50550#\Heersharepoint1\facilitiesite%20documents\50550.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2008			
Document No:			14994			
Type:			Undetermined			
Title:			Notice of Letter of Completion, 825 Kapiolani Blvd, Kewalo, City and County of Honolulu, State of Hawaii, TMK 1-2-1-049-065-0000			
Imported From:			8267#\Heersharepoint1\facilitiesite%20documents\8267.pdf			
<u>iHEER System - Documents</u>						
Date :			May 22, 2003			
Document No:			7238			
Type:			Undetermined			
Title:			Notification of 2nd Quarter Free Product Monitoring Event			
Imported From:			864#\Heersharepoint1\facilitiesite%20documents\864.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 21, 2004			
Document No:			7265			
Type:			Undetermined			
Title:			Notification of First Semi-Annual Free Product Monitoring Event 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program			
Imported From:			854#\Heersharepoint1\facilitiesite%20documents\854.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 28, 2003			
Document No:			183873			
Type:			Undetermined			
Title:			Notification of Fourth Quarterly Free Product Monitoring Event			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2003			
Document No:			7263			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					1st Quarter Monitoring Report 825 Kapiolani	
Imported From:					2003-050#Q:\2003 Final Correspondence (Day File)\03-050-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 12, 2003	
Document No:					7210	
Type:					Undetermined	
Title:					1st Quarterly Free Product Monitoring Report, Feb 2003 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program	
Imported From:					36748#\Heersharepoint1\facilitiesite%20documents\36748.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 13, 2005	
Document No:					7280	
Type:					Monitoring Report	
Title:					2nd Semi-Annual Free Product Monitoring Report, Dec 2004 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program	
Imported From:					2433#\Heersharepoint1\facilitiesite%20documents\2433.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 4, 2003	
Document No:					7226	
Type:					Monitoring Report	
Title:					3rd Quarterly Free Product Monitoring Report, Aug 2003, 825 Kapiolani Blvd, DOH Release ID 98127-1525, Voluntary Response Program	
Imported From:					36759#\Heersharepoint1\facilitiesite%20documents\36759.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 9, 2003	
Document No:					7260	
Type:					Monitoring Report	
Title:					4th Quarterly Free Product Monitoring Report	
Imported From:					2003-430#Q:\2003 Final Correspondence (Day File)\03-430-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 9, 1999	
Document No:					7194	
Type:					Undetermined	
Title:					825 Kapiolani Blvd, Honolulu Hawaii, Voluntary Response Program	
Imported From:					126818#\Heersharepoint1\facilitiesite%20documents\126818.pdf	
<u>iHEER System - Documents</u>						
Date :					May 27, 1999	
Document No:					7202	
Type:					Undetermined	
Title:					825 Kapiolani Blvd, Honolulu Hawaii, Voluntary Response Program	
Imported From:					126817#\Heersharepoint1\facilitiesite%20documents\126817.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 15, 1999	
Document No:					7195	
Type:					Undetermined	
Title:					825 Kapiolani Blvd, Honolulu Hawaii, Voluntary Response Program	
Imported From:					126819#\Heersharepoint1\facilitiesite%20documents\126819.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 15, 2001
Document No: 7185
Type: Undetermined
Title: 825 Kapiolani VRP Site
Imported From: 127675#\Heersharepoint1\facilitiesite%20documents\127675.pdf

iHEER System - Documents

Date : Sep 24, 2002
Document No: 183880
Type: Undetermined
Title: Affidavit of Publication
Imported From:

iHEER System - Documents

Date :
Document No: 183878
Type: Undetermined
Title: Amendment to Voluntary Response Program Drafts
Imported From:

iHEER System - Documents

Date : Nov 2, 1998
Document No: 7209
Type: Undetermined
Title: Appendices Phase I and II ESA - 777 Kapiolani Blvd Site (includes 825 Kapiolani Blvd) (2 Volumes)
Imported From: 36751#\Heersharepoint1\facilitiesite%20documents\36751.pdf

iHEER System - Documents

Date : Jun 26, 2000
Document No: 7264
Type: Undetermined
Title: Change in Project Manager, 825 Kapiolani Blvd VRP project
Imported From: 2000-290#Q:\2000 Final Correspondence (Day File)\00-290-CBM.pdf

iHEER System - Documents

Date : Oct 29, 2001
Document No: 7201
Type: Undetermined
Title: Chuei Shokoh, Inc, Voluntary Response Program, 825 Kapiolani Blvd, Honolulu Hawaii
Imported From: 126821#\Heersharepoint1\facilitiesite%20documents\126821.pdf

iHEER System - Documents

Date : Mar 15, 2001
Document No: 7247
Type: Undetermined
Title: Clarification for the Risk Assessment 825 Kapiolani Blvd DOH Release ID #98127-1525 Voluntary Response Program
Imported From: 111084#\Heersharepoint1\facilitiesite%20documents\111084.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Feb 25, 2002			
Document No:			7183			
Type:			Undetermined			
Title:			Clarification of State of Hawaii, Department of Health - Hazard Evaluation and Emergency Response Office Comments on the Final Remedial Investigation Report for 825 Kapiolani Blvd			
Imported From:			127684#\Heersharepoint1\facilitiesite%20documents\127684.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 14, 1999			
Document No:			183870			
Type:			Undetermined			
Title:			Comment Letter Regarding the Site Investigation WP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 27, 2000			
Document No:			7270			
Type:			Undetermined			
Title:			Comments on Confirmation Sampling Plan: An Addendum to the Jun 1999 Work Plan, 825 Kapiolani Blvd, Dec 5, 2000			
Imported From:			49663#\Heersharepoint1\facilitiesite%20documents\49663.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 8, 2000			
Document No:			7269			
Type:			Undetermined			
Title:			Comments on Human Health and Ecological Risk Assessment Proposed Approach, An Addendum to the Jun 1999 Work Plan, 825 Kapiolani Blvd (dated Oct 2000) [draft]			
Imported From:			49572#\Heersharepoint1\facilitiesite%20documents\49572.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 16, 2003			
Document No:			7246			
Type:			Undetermined			
Title:			Comments on Revised Task 5			
Imported From:			2003-277#Q:\2003 Final Correspondence (Day File)\03-277-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 16, 2003			
Document No:			7245			
Type:			Undetermined			
Title:			Comments on Revised Task 5			
Imported From:			50683#\Heersharepoint1\facilitiesite%20documents\50683.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 5, 2000			
Document No:			7272			
Type:			Undetermined			
Title:			Comments on Sep 2000 draft Confirmation Sampling Plan, 825 Kapiolani Blvd			
Imported From:			2000-428#Q:\2000 Final Correspondence (Day File)\00-428-DMC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 2001			
Document No:			7261			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Comments on the Remedial Investigation Report (dated May 2001) for 825 Kapiolani Blvd VRP Site				
Imported From:		2001-207#Q:\2001 Final Correspondence (Day File)\01-207-AP.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 5, 2000				
Document No:		7184				
Type:		Undetermined				
Title:		Confirmation Sampling Plan: An Addendum to the Jun 1999 Work Plan, 825 Kapiolani Blvd				
Imported From:		127670#\Heersharepoint1\facilitiesite%20documents\127670.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 1, 2000				
Document No:		7203				
Type:		Undetermined				
Title:		Confirmation Sampling Plan: An Addendum to the Jun 1999 Work Plan, 825 Kapiolani Blvd				
Imported From:		36745#\Heersharepoint1\facilitiesite%20documents\36745.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 13, 2000				
Document No:		183865				
Type:		Undetermined				
Title:		COPCs from VRP Agreement, Project Schedule				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 21, 2003				
Document No:		7274				
Type:		Undetermined				
Title:		Cover letter for LOC 825 Kapiolani				
Imported From:		50610#\Heersharepoint1\facilitiesite%20documents\50610.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2003				
Document No:		7248				
Type:		Undetermined				
Title:		Notification of Free Product Monitoring Activities				
Imported From:		855#\Heersharepoint1\facilitiesite%20documents\855.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 16, 2002				
Document No:		7242				
Type:		Undetermined				
Title:		Notification of Free Product Monitoring Activities				
Imported From:		856#\Heersharepoint1\facilitiesite%20documents\856.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 1, 2004				
Document No:		7257				
Type:		Undetermined				
Title:		Notification of Second Semi-Annual Free Product Monitoring Event 825 Kapiolani Blvd DOH Release ID 98127-1525 Voluntary Response Program				
Imported From:		2279#\Heersharepoint1\facilitiesite%20documents\2279.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 4, 2003
Document No: 183875
Type: Undetermined
Title: Notification of Third Quarterly Free Product Monitoring Event
Imported From:

iHEER System - Documents

Date : Jan 29, 2003
Document No: 7241
Type: Undetermined
Title: Notification of Well Closure
Imported From: 866#\Heersharepoint1\facilitiesite%20documents\866.pdf

iHEER System - Documents

Date : Nov 9, 2000
Document No: 7204
Type: Undetermined
Title: Outstanding Issues from Oct 25, 2000 Meeting, 825 Kapiolani Blvd, Voluntary Response Program Site
Imported From: 2000-479#Q:\2000 Final Correspondence (Day File)\00-479-DMC.pdf

iHEER System - Documents

Date : Nov 2, 1998
Document No: 7216
Type: Undetermined
Title: Phase I and II ESA 777 Kapiolani Blvd Site (includes 825 Kapiolani Blvd)
Imported From: 36739#\Heersharepoint1\facilitiesite%20documents\36739.pdf

iHEER System - Documents

Date : Oct 28, 2002
Document No: 183879
Type: Undetermined
Title: Public Comment Period
Imported From:

iHEER System - Documents

Date : Nov 15, 2001
Document No: 7235
Type: Undetermined
Title: Public Participation Plan 825 Kapiolani Blvd, Honolulu Hawaii (Submitted Oct 15, 2001)
Imported From: 127678#\Heersharepoint1\facilitiesite%20documents\127678.pdf

iHEER System - Documents

Date : Oct 15, 2001
Document No: 7198
Type: Undetermined
Title: Public Participation Plan 825 Kapiolani Blvd, Honolulu Hawaii, Voluntary Response Program
Imported From: 127677#\Heersharepoint1\facilitiesite%20documents\127677.pdf

iHEER System - Documents

Date : Jan 11, 2002
Document No: 7250

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Public Participation Plan 825 Kapiolani Boulevard (submitted Dec 14, 2001)				
Imported From:		127683#\Heersharepoint1\facilitiesite%20documents\127683.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 14, 2001				
Document No:		7208				
Type:		Undetermined				
Title:		Public Participation Plan for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525				
Imported From:		36752#\Heersharepoint1\facilitiesite%20documents\36752.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 12, 2002				
Document No:		7207				
Type:		Undetermined				
Title:		RAA Report for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525				
Imported From:		36753#\Heersharepoint1\facilitiesite%20documents\36753.pdf				
<u>iHEER System - Documents</u>						
Date :		May 7, 2001				
Document No:		7200				
Type:		Undetermined				
Title:		Remedial Investigation Report for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525				
Imported From:		36749#\Heersharepoint1\facilitiesite%20documents\36749.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 20, 1999				
Document No:		183871				
Type:		Undetermined				
Title:		Response Letter to the VRP Application				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 5, 2000				
Document No:		183881				
Type:		Undetermined				
Title:		Response to Comments				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 10, 2001				
Document No:		7258				
Type:		Undetermined				
Title:		Response to Comments on Draft Remedial Investigation Report for 825 Kapiolani Boulevard (dated May 2001)				
Imported From:		127676#\Heersharepoint1\facilitiesite%20documents\127676.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 4, 2002				
Document No:		7186				
Type:		Undetermined				
Title:		Response to Comments on Final Remedial Investigation Report for 825 Kapiolani Boulevard (submitted Sep 4,				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2001)			127681#\Heersharepoint1\facilitiesite%20documents\127681.pdf	
<u>iHEER System - Documents</u>						
Date :		Jan 2, 2001				
Document No:		7252				
Type:		Undetermined				
Title:		Response to Confirmation Sampling Plan Comments 825 Kapiolani Blvd				
Imported From:		127672#\Heersharepoint1\facilitiesite%20documents\127672.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2003				
Document No:		7232				
Type:		Undetermined				
Title:		Review 2nd Quarter Monitoring Report				
Imported From:		2003-192#Q:\2003 Final Correspondence (Day File)\03-192-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 9, 2003				
Document No:		7236				
Type:		Undetermined				
Title:		Review of 3rd Quarter Monitoring Report 825 Kapiolani				
Imported From:		2003-322#Q:\2003 Final Correspondence (Day File)\03-322-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 19, 2005				
Document No:		7287				
Type:		Undetermined				
Title:		Review of Final free product Monitoring Report for 825 Kapiolani				
Imported From:		2005-045#Q:\2005 Final Correspondence (Day File)\05-045-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2004				
Document No:		7237				
Type:		Undetermined				
Title:		Review of first semi Annual free product Monitoring Report				
Imported From:		2004-262#Q:\2004 Final Correspondence (Day File)\04-262-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 9, 2003				
Document No:		7231				
Type:		Undetermined				
Title:		Revised Billing 825 Kapiolani				
Imported From:		2003-194#Q:\2003 Final Correspondence (Day File)\03-194-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 5, 2002				
Document No:		7199				
Type:		Undetermined				
Title:		Revised Final Remedial Investigation Report for 825 Kapiolani Blvd DOH UST Facility ID 9-103487 UST Release ID 990100 HEER Case ID 98127-1525				
Imported From:		36750#\Heersharepoint1\facilitiesite%20documents\36750.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 19, 2001
Document No: 7177
Type: Undetermined
Title: Revised Public Participation Plan 825 Kapiolani Blvd, Honolulu Hawaii, Voluntary Response Program
Imported From: 127680#\Heersharepoint1\facilitsite%20documents\127680.pdf

iHEER System - Documents

Date : Feb 9, 2001
Document No: 7188
Type: Undetermined
Title: Revised Response to Confirmation Sampling Plan Comments 825 Kapiolani Blvd
Imported From: 127673#\Heersharepoint1\facilitsite%20documents\127673.pdf

iHEER System - Documents

Date : Mar 1, 1999
Document No: 7281
Type: Undetermined
Title: Short-Term Release Response Report, Former Hotel-Young Laundry, 825 Kapiolani Blvd
Imported From: 36740#\Heersharepoint1\facilitsite%20documents\36740.pdf

iHEER System - Documents

Date : Jul 16, 1999
Document No: 183869
Type: Undetermined
Title: Site Investigation Work Plan Reviewal Letter
Imported From:

iHEER System - Documents

Date : Jun 29, 2000
Document No: 7192
Type: Undetermined
Title: Site Photos
Imported From: 126823#\Heersharepoint1\facilitsite%20documents\126823.pdf

iHEER System - Documents

Date : Apr 16, 2002
Document No: 183864
Type: Undetermined
Title: Site Summary & Supportng Documents
Imported From:

iHEER System - Locations Details

Locations ID: 5295
Location Type: SC
Description: Chuei Shokoh, Inc.
Comment :
Centroid: POINT (-157.853778 21.299568999999998)
Geometry:

POINT (-157.853778 21.299568999999998)

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 7461
Location Type: NFAIC
Description: NFAIC 825 Kapiolani Blvd
Comment : Google Maps and TMK
Centroid: POINT (-157.85375840156013 21.299646328156843)
Geometry:

POLYGON ((-157.85387590061509 21.2992802483142, -157.85334214102292 21.299640104283835, -157.853650595057 21.300014953315596, -157.85417094361046 21.299647601274462, -157.85387590061509 21.2992802483142))

Site Details

Centroid: POINT (-157.853778 21.299568999999998)
Updated On: 8/24/2021 8:18:06 AM
Coordinates: 21.299568999999998,-157.853778

iHEER System - Aliases

Name: Symphony Park

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Chuei Shokoh, Inc.

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: VRP-05, Voluntary Response Program 05

iHEER System - Aliases

Name: Former Young Laundry-Hotel

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

232	1 of 1	ESE	0.70 / 3,704.85	3.28 / 0	K&Y Auto Service and Wayne's Auto Electric 902 Kawaiahao St & 539 Kamani St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 2724
Site Name (Public iHEER): K&Y Auto Service and Wayne's Auto Electric
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site
Street (Public iHEER): 902 Kawaiahao St & 539 Kamani St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		10/27/2020 3:11:38 PM				
Ms Access ID (Public iHEER):		1882				
Suppl Loc (Public iHEER):		902 Kawaiahao St & 539 Kamani St				
Tax Map Keys (Public iHEER):		121049058, 121049059				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2724				
Site Name (PORTAL):		K&Y Auto Service and Wayne's Auto Electric				
Loc Desc (PORTAL):		902 Kawaiahao St & 539 Kamani St				
Address (PORTAL):		902 Kawaiahao St & 539 Kamani St Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2724/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : May 21, 2010
Document No: 3880
Type: Phase II Environmental Site Assessment
Title: Limited Phase II Environmental Investigation Report, Property located at 902 Kawaiahao and 539 Kamani St, Honolulu HI (Incident Case ID 201001518-1415)
Imported From: 91202#\Heersharepoint1\facilitiesite%20documents\91202.pdf

iHEER System - Documents

Date : Jul 30, 2010
Document No: 4807
Type: Comment Letter
Title: Limited Phase II Environmental Investigation, K&Y Auto Service and Wayne's Auto Electric, 902 Kawaiahao St and 539 Kamani St
Imported From: 2010-438#Q:2010 Final Correspondence (Day File)\10-438-CMM.pdf

iHEER System - Documents

Date : May 21, 2010
Document No: 131682
Type: Phase II Environmental Site Assessment
Title: Limited Phase II Environmental Investigation, K&Y Auto Service and Wayne's Auto Electric, 902 Kawaiahao St and 539 Kamani St (TMK 1-2-1-049-058 and 059), Honolulu HI, Apr 23, 2010
Imported From: 91203#\Heersharepoint1\facilitiesite%20documents\91203.pdf

iHEER System - Documents

Date : Jan 19, 2010
Document No: 131681
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, K & Y Auto Service and Wayne's Auto Electric, 902 Kawaiahao St and 539 Kamani St (TMK 1-2-1-049-058 and 059), Honolulu HI, Jan 19, 2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 93398#\Heersharepoint1\facilitiesite%20documents\93398.pdf

iHEER System - Locations Details

Locations ID: 2133
 Location Type: SC
 Description:
 Comment : Google Earth; eric.sadoyama;
 Centroid: POINT (-157.854 21.2986)
 Geometry:
 POINT (-157.854 21.2986)

Site Details

Centroid: POINT (-157.854 21.2986)
 Updated On: 10/27/2020 3:11:38 PM
 Coordinates: 21.2986,-157.854

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

233	1 of 1	SE	0.70 / 3,706.18	3.28 / 0	The Park Ward Village Block H 333 Ward Avenue Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 3200
 Site Name (Public iHEER): The Park Ward Village Block H
 Aliases (Public iHEER): Park Ward Village, Sports Authority (former), Ward Village
 Street (Public iHEER): 333 Ward Avenue
 City (Public iHEER): Honolulu
 State (Public iHEER): HI
 Zip (Public iHEER): 96814
 County (Public iHEER): Honolulu
 Island (Public iHEER): Oahu
 Status (Public iHEER): Remedy Selected
 Lead Agency (Public iHEER): HEER Office
 Program (Public iHEER): State
 Assigned Rpm (Public iHEER):
 Is Public (Public iHEER): TRUE
 Updated on (Public iHEER): 11/21/2022 12:09:06 PM
 Ms Access ID (Public iHEER):
 Suppl Loc (Public iHEER): 333 Ward Avenue
 Tax Map Keys (Public iHEER): 123002115
 iHEER ID (Non Public iHEER):
 Site Name (Non Public iHEER):
 Address (Non Public iHEER):
 City State Zip (Non Public):
 Suppl Loc Text(Non Public):
 iHEER ID (PORTAL): 3200
 Site Name (PORTAL): The Park Ward Village Block H
 Loc Desc (PORTAL): 333 Ward Avenue
 Address (PORTAL): 333 Ward Avenue
 Honolulu, HI 96814
 County (PORTAL): Honolulu
 Island (PORTAL): Oahu
 Status (PORTAL): NFA
 Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Thomas Gilmore				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/3200/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Jun 27, 2023				
Document No:		202732				
Type:		Concurrence Letter				
Title:		4th Stockpile Approval				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 21, 2023				
Document No:		203171				
Type:		Undetermined				
Title:		5th Stockpile Sampling				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2023				
Document No:		203212				
Type:		Concurrence Letter				
Title:		5th Stockpile Sampling Approval				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2023				
Document No:		203220				
Type:		Concurrence Letter				
Title:		6th Stockpile Sampling Approval				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 21, 2023				
Document No:		203185				
Type:		Undetermined				
Title:		6th Stockpile Sampling Event				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 22, 2022				
Document No:		198223				
Type:		Comment Letter				
Title:		Acceptance Block H Sampling Plan				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 11, 2022				
Document No:		184843				
Type:		Environmental Assessment				
Title:		Block H Environmental Site Assessment June 2022				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 11, 2022
Document No: 184842
Type: Undetermined
Title: Block H ESA Cover Letter
Imported From:

iHEER System - Documents

Date : Mar 10, 2023
Document No: 200502
Type: Concurrence Letter
Title: C-EHMP Approval
Imported From:

iHEER System - Documents

Date : May 15, 2023
Document No: 201628
Type: Comment Letter
Title: First Stockpile Removal Approval
Imported From:

iHEER System - Documents

Date : Apr 19, 2023
Document No: 201225
Type: Undetermined
Title: Pesticide Sampling Letter
Imported From:

iHEER System - Documents

Date : May 31, 2023
Document No: 201788
Type: Concurrence Letter
Title: RAR Concurrence
Imported From:

iHEER System - Documents

Date : Jun 27, 2023
Document No: 202740
Type: Concurrence Letter
Title: Revised Fourth Stockpile Approval
Imported From:

iHEER System - Documents

Date : Aug 31, 2022
Document No: 196773
Type: Undetermined
Title: Sampling and Analysis Plan
Imported From:

iHEER System - Documents

Date : Jun 26, 2023

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 202678
Type: Undetermined
Title: Second Soil Agreement
Imported From:

iHEER System - Documents

Date : Jun 6, 2023
Document No: 201929
Type: Concurrence Letter
Title: Second Stockpile Approval
Imported From:

iHEER System - Documents

Date : May 3, 2023
Document No: 201489
Type: Undetermined
Title: Stockpile Soil Agreement
Imported From:

iHEER System - Documents

Date : Aug 23, 2022
Document No: 196594
Type: Comment Letter
Title: The Park Ward Village Block H Phase II comments
Imported From:

iHEER System - Documents

Date : Jun 7, 2023
Document No: 201930
Type: Concurrence Letter
Title: Third Stockpile Approval
Imported From:

iHEER System - Documents

Date : Apr 19, 2023
Document No: 201226
Type: Remedial Action Completion Report
Title: Ward Village Block H Remedial Action Report
Imported From:

iHEER System - Locations Details

Locations ID: 10345
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.8550224 21.296161899999991)
Geometry:

POINT (-157.8550224 21.296161899999991)

iHEER System - Locations Details

Locations ID: 10346
Location Type: SB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description:

Comment :

Centroid: POINT (-157.85521840583996 21.296202280448124)

Geometry:

POLYGON ((-157.85631505404729 21.2959756750981, -157.85564450179737 21.29524094990537, -157.85409954940135 21.296485482257538, -157.85479692374665 21.297135233917921, -157.85481301700207 21.297125237760028, -157.85631505404729 21.2959756750981))

Site Details

Centroid: POINT (-157.8550224 21.296161899999991)

Updated On: 11/21/2022 12:09:06 PM

Coordinates: 21.296161899999991,-157.8550224

iHEER System - Aliases

Name: Sports Authority (former)

iHEER System - Aliases

Name: Ward Village

iHEER System - Aliases

Name: Park Ward Village

[234](#)

1 of 1

SE

0.70 /
3,711.51

3.28 /
0

**BHP Gas Express #11
940 Auahi St
Honolulu HI 96814**

SHWS

iHEER ID (Public iHEER): 1833
Site Name (Public iHEER): BHP Gas Express #11
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, BHP Gas Express # 11, BHP Gas Express (Station # 11) Gasoline Product Underground, Brownfields Low Priority Site, UST Facility ID 9-100916
Street (Public iHEER): 940 Auahi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/1/2021 10:58:27 AM
Ms Access ID (Public iHEER): 3196
Suppl Loc (Public iHEER): 940 Auahi St, Honolulu, HI 96814
Tax Map Keys (Public iHEER): 123002002
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1833
Site Name (PORTAL): BHP Gas Express #11
Loc Desc (PORTAL): 940 Auahi St, Honolulu, HI 96814
Address (PORTAL): 940 Auahi St
 Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1833/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
<u>iHEER System - Locations Details</u>						
Locations ID:		2256				
Location Type:		SC				
Description:						
Comment :		Google Earth				
Centroid:		POINT (-157.856207 21.295702000000002)				
Geometry:						
POINT (-157.856207 21.295702000000002)						
<u>Site Details</u>						
Centroid:		POINT (-157.856207 21.295702000000002)				
Updated On:		9/1/2021 10:58:27 AM				
Coordinates:		21.295702000000002,-157.856207				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Low Priority Site				
<u>iHEER System - Aliases</u>						
Name:		UST Facility ID 9-100916				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		BHP Gas Express # 11				
<u>iHEER System - Aliases</u>						
Name:		BHP Gas Express (Station # 11) Gasoline Product Underground				

235	1 of 1	NNW	0.71 / 3,723.68	3.28 / 0	City Mill Iwilei 660 N Nimitz Hwy Honolulu HI 96817	SHWS
iHEER ID (Public iHEER):		2616				
Site Name (Public iHEER):		City Mill Iwilei				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, City Mill Company, Ltd., Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit				
Street (Public iHEER):		660 N Nimitz Hwy				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		3/13/2020 3:46:12 PM				
Updated on (Public iHEER):		154				
Ms Access ID (Public iHEER):		660 N Nimitz Hwy				
Suppl Loc (Public iHEER):		115010007				
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2616				
Site Name (PORTAL):		City Mill Iwilei				
Loc Desc (PORTAL):		660 N Nimitz Hwy				
Address (PORTAL):		660 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2616/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 9, 1999
Document No: 4458
Type: Undetermined
Title: Misc. file notes, Summary Table, HH PRPs Identified by PHR Report, Telephone Response given 8/6/2001
Imported From: 120869#\Heersharepoint1\facilitiesite%20documents\120869.pdf

iHEER System - Documents

Date : Jul 23, 1996
Document No: 4459
Type: Undetermined
Title: Passive Soil Vapor Modules and Sampling 660 N Nimitz Hwy, Honolulu HI CF # 96312
Imported From: 36798#\Heersharepoint1\facilitiesite%20documents\36798.pdf

iHEER System - Documents

Date : Jul 16, 2002
Document No: 4471
Type: Undetermined
Title: Phase II Tank Investigation Summary Report City Mill Home Improvement Center Iwilei, Oahu HI
Imported From: 36801#\Heersharepoint1\facilitiesite%20documents\36801.pdf

iHEER System - Documents

Date : Jan 4, 2001
Document No: 4485
Type: Undetermined
Title: Re: Draft Environmental Response Agreement between the Honolulu Harbor Working Group and the State of Hawaii, Department of Health
Imported From: 1006#\Heersharepoint1\facilitiesite%20documents\1006.pdf

iHEER System - Documents

Date : Jun 27, 1996

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			4465			
Type:			Undetermined			
Title:			Referral of City Mill Company Ltd UST Release			
Imported From:			1030#\Heersharepoint1\facilitiesite%20documents\1030.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 31, 1995			
Document No:			4472			
Type:			Undetermined			
Title:			Request for Information pursuant to Chapter 128D to City Mill Co. Ltd			
Imported From:			1094#\Heersharepoint1\facilitiesite%20documents\1094.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 8, 1995			
Document No:			4470			
Type:			Undetermined			
Title:			Request for Information pursuant to Chapter 128D, Hawaii Environmental Response Law (HERL) for Honolulu Harbor Area			
Imported From:			1091#\Heersharepoint1\facilitiesite%20documents\1091.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 29, 1995			
Document No:			4460			
Type:			Undetermined			
Title:			Request for Information pursuant to Chapter 128D, Hawaii Environmental Response Law (HERL) For Honolulu Harbor Area			
Imported From:			120864#\Heersharepoint1\facilitiesite%20documents\120864.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 2008			
Document No:			4463			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Review and comments on Final Monitoring Well Installation and Environmental Sampling Summary Report, Nov 28, 2007, prepared by Tetra Tech EM Inc			
Imported From:			2008-332#Q:\2008 Final Correspondence (Day File)\08-332-CAC.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2006			
Document No:			4478			
Type:			Undetermined			
Title:			State Site Discovery Effort			
Imported From:			2006-720#Q:\2006 Final Correspondence (Day File)\06-720-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			May 14, 1993			
Document No:			4467			
Type:			Undetermined			
Title:			UST Closure Report for City Mill Home Improvement Center: 660 N Nimitz Hwy, Honolulu HI			
Imported From:			36799#\Heersharepoint1\facilitiesite%20documents\36799.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 24, 1999			
Document No:			4480			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:			11/24/1999			
Imported From:			76#\Heersharepoint1\facilitiesite%20documents\76.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 29, 1997			
Document No:			4481			
Type:			Undetermined			
Title:			4/29/1997			
Imported From:			130#\Heersharepoint1\facilitiesite%20documents\130.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 29, 1995			
Document No:			4462			
Type:			Undetermined			
Title:			Certificate, Remediation of Petroleum Contaminated Soils			
Imported From:			120868#\Heersharepoint1\facilitiesite%20documents\120868.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 23, 1998			
Document No:			4483			
Type:			Undetermined			
Title:			Change of Contact Name for Mailing List			
Imported From:			299#\Heersharepoint1\facilitiesite%20documents\299.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 4, 1996			
Document No:			4469			
Type:			Undetermined			
Title:			City Mill Company Ltd, Nimitz Hwy, Honolulu, Facility ID 9-101398, Release ID 930073			
Imported From:			326#\Heersharepoint1\facilitiesite%20documents\326.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2002			
Document No:			4484			
Type:			Undetermined			
Title:			City Mill Home Improvement Center Iwilei, Oahu HI			
Imported From:			327#\Heersharepoint1\facilitiesite%20documents\327.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 1993			
Document No:			4468			
Type:			Undetermined			
Title:			City Mill Home Improvement Center Soil/Gas Survey			
Imported From:			36800#\Heersharepoint1\facilitiesite%20documents\36800.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 9, 1993			
Document No:			4461			
Type:			Undetermined			
Title:			City Mill Home Improvement Center Sub-Surface Investigation Letter Report			
Imported From:			36796#\Heersharepoint1\facilitiesite%20documents\36796.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 22, 2009
Document No: 4474
Type: Undetermined
Title: City Mill Home Improvement Center, 660 N Nimitz Hwy, Honolulu HI, Facility ID 9-101398 / Release ID 930073
Imported From: 61461#\Heersharepoint1\facilitiesite%20documents\61461.pdf

iHEER System - Documents

Date : Feb 11, 2009
Document No: 26395
Type: Undetermined
Title: City Mill Home Improvement Center, 660 N Nimitz Hwy, Honolulu HI, Facility ID 9-101398 / Release ID 930073
Imported From: 58936#\Heersharepoint1\facilitiesite%20documents\58936.pdf

iHEER System - Documents

Date : Jan 21, 2003
Document No: 4473
Type: Undetermined
Title: City Mill Home Improvement Center, Iwilei, Oahu HI
Imported From: 120866#\Heersharepoint1\facilitiesite%20documents\120866.pdf

iHEER System - Documents

Date : Feb 7, 2007
Document No: 29433
Type: Undetermined
Title: City Mill Improvement Center 660 N Nimitz Hwy, Honolulu, Facility ID 9-10398 / Release ID 930073
Imported From: 5859#\Heersharepoint1\facilitiesite%20documents\5859.pdf

iHEER System - Documents

Date : Jun 27, 1996
Document No: 4482
Type: Undetermined
Title: Closure and Release Reports, City Mill Company Ltd, 660 N Nimitz Hwy, Oahu HI
Imported From: 331#\Heersharepoint1\facilitiesite%20documents\331.pdf

iHEER System - Documents

Date : Dec 15, 1994
Document No: 4466
Type: Undetermined
Title: Disposal of Soils from City Mill Home Improvement Center CF Job #94173
Imported From: 36797#\Heersharepoint1\facilitiesite%20documents\36797.pdf

iHEER System - Documents

Date : Dec 11, 2008
Document No: 19455
Type: Undetermined
Title: Groundwater Monitoring Reports for Site Visits on Mar 14, 2008 and Oct 8, 2008, City Mill, Iwilei
Imported From: 58380#\Heersharepoint1\facilitiesite%20documents\58380.pdf

iHEER System - Documents

Date : Aug 30, 2000
Document No: 4477
Type: Undetermined
Title: Honolulu Harbor Contaminated Area-Iwilei Section 08/30/2000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 608#\Heersharepoint1\facilitiesite%20documents\608.pdf

iHEER System - Documents

Date : Oct 26, 1999
 Document No: 4464
 Type: Undetermined
 Title: Honolulu Harbor: Request for Information 1999
 Imported From: 48995#\Heersharepoint1\facilitiesite%20documents\48995.pdf

iHEER System - Documents

Date : Jul 13, 2000
 Document No: 4479
 Type: Undetermined
 Title: Honolulu Harbor: Request for Information 2000
 Imported From: 2000-315#Q:\2000 Final Correspondence (Day File)\00-315-LY.pdf

iHEER System - Documents

Date : Oct 9, 1974
 Document No: 4475
 Type: Undetermined
 Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974
 Imported From: 63301#\Heersharepoint1\facilitiesite%20documents\63301.pdf

iHEER System - Documents

Date : Oct 9, 1974
 Document No: 4476
 Type: Undetermined
 Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974
 Imported From: \facilitiesite documents\media63301\Iwilei Aerial Photo Pic 8983090830 Date Flown 091974 Dup.pdf

iHEER System - Locations Details

Locations ID: 847
 Location Type: SC
 Description: City Mill Iwilei
 Comment : Google Earth
 Centroid: POINT (-157.870277 21.313946)
 Geometry:

POINT (-157.870277 21.313946)

iHEER System - Locations Details

Locations ID: 7650
 Location Type: NFAIC
 Description: NFAIC City Mill
 Comment : Google Maps and Doc 4471
 Centroid: POINT (-157.87093668627963 21.314324036048745)
 Geometry:

POLYGON ((-157.87085233383263 21.314518213409226, -157.87092743568533 21.314513215922545, -157.87098912649932 21.314478233506, -157.8710266774257 21.314423261120645, -157.87109373264619 21.314320812529225, -157.8710803215985 21.314185880128491, -157.87103204184118 21.314120912632141, -157.8708979313912 21.314155895133812, -157.87081478290631 21.314258343840304, -157.87077723197993 21.314395774919841, -157.87079600744309 21.314468238528057, -157.87081478290631 21.31450072220343, -157.87085233383263 21.314518213409226))

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.870277 21.313946)
 Updated On: 3/13/2020 3:46:12 PM
 Coordinates: 21.313946,-157.870277

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: City Mill Company, Ltd.

236	1 of 1	ESE	0.71 / 3,758.35	3.28 / 0	Kapiolani Blvd. and Chapin Ln. Soil Contamination Chapin St & Kapiolani Blvd Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 553
Site Name (Public iHEER): Kapiolani Blvd. and Chapin Ln. Soil Contamination
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, HECO Soil Contamination Chapin Lane and Kapiolani Boulevard
Street (Public iHEER): Chapin St & Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/24/2019 5:21:04 PM
Ms Access ID (Public iHEER): 517
Suppl Loc (Public iHEER): Chapin Ln & Kapiolani Blvd
Tax Map Keys (Public iHEER): 121044006, 121044049, 121049080, 123003073, 123008001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 553
Site Name (PORTAL): Kapiolani Blvd. and Chapin Ln. Soil Contamination

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Loc Desc (PORTAL):		Chapin Ln & Kapiolani Blvd				
Address (PORTAL):		Chapin St & Kapiolani Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/553/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 5, 2001
Document No: 39070
Type: Undetermined
Title: Site Screening Assessment, 11/05/2001for Kapiolani Blvd and Chapin Lane (800 block of Kapiolani Blvd)
Imported From: 98829#\Heersharepoint1\facilitiesite%20documents\98829.pdf

iHEER System - Documents

Date : Mar 30, 2010
Document No: 3474
Type: Undetermined
Title: Soil Contamination Chapin Lane and Kapiolani Blvd, NFA Letter
Imported From: 2010-213#Q:\2010 Final Correspondence (Day File)\10-213-RP.pdf

iHEER System - Documents

Date : May 15, 2000
Document No: 39071
Type: Undetermined
Title: Summary Report, Petroleum Contamination at Kapiolani Blvd and Chapin Lane, Honolulu HI
Imported From: 98830#\Heersharepoint1\facilitiesite%20documents\98830.pdf

iHEER System - Locations Details

Locations ID: 1723
Location Type: SC
Description: Kapiolani Blvd/Chapin St
Comment : Google Maps
Centroid: POINT (-157.853354 21.299841000000004)
Geometry:

POINT (-157.853354 21.299841000000004)

Site Details

Centroid: POINT (-157.853354 21.299841000000004)
Updated On: 10/24/2019 5:21:04 PM
Coordinates: 21.299841000000004,-157.853354

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: HECO Soil Contamination Chapin Lane and Kapiolani Boulevard

237	1 of 1	W	0.71 / 3,763.91	3.28 / 0	1122 Makepono Street 1122 Makepono St Honolulu HI 96819	SHWS
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iHEER ID (Public iHEER): 1052
Site Name (Public iHEER): 1122 Makepono Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 1122 Makepono St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/8/2020 3:27:16 PM
Ms Access ID (Public iHEER): 2274
Suppl Loc (Public iHEER): 1122 Makepono St, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041325
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1052
Site Name (PORTAL): 1122 Makepono Street
Loc Desc (PORTAL): 1122 Makepono St, Honolulu, HI 96819
Address (PORTAL): 1122 Makepono St
 Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1052/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Nov 11, 2013
Document No: 146900
Type: Undetermined
Title: Cover Page for Phase I ESA Report, 1122 Makepono St, 1122 Makepono St, Honolulu HI 96819
Imported From: media107804\2013-12-11 hand-delivered copy - scans of cover and title page.pdf

iHEER System - Documents

Date : Jan 30, 2014
Document No: 146901
Type: No Further Action Determination Letter
Title: No Further Action Determination for 1122 Makepono Street
Imported From: 14-033-ES.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 8, 2013
Document No: 146898
Type: Phase I Environmental Site Assessment
Title: Phase I ESA Report, 1122 Makepono St, 1122 Makepono St, Honolulu HI 96819
Imported From: media107804\1122_Makepono_Street_Final_Phase_I_11102013 Final.pdf

iHEER System - Documents

Date : Mar 14, 2006
Document No: 146896
Type: Site Inspection Report
Title: Site Inspection and Review
Imported From: media107801\107801 pp486-552 from 107804 1122_Makepono_Street_Final_Phase_I_11102013 Final.pdf

iHEER System - Documents

Date : Mar 14, 2006
Document No: 146897
Type: Phase II Environmental Site Assessment
Title: UST Search, Site Investigation, and Remedial Action Report, 1122 Makepono St, Honolulu HI 96819, TMK 1-1-5-041-325, EI Project 504-142-602
Imported From: 107801.pdf

iHEER System - Locations Details

Locations ID: 1471
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87703400000004 21.307156999999989)
Geometry:

POINT (-157.87703400000004 21.307156999999989)

iHEER System - Locations Details

Locations ID: 7077
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87700872378826 21.3071748303701)
Geometry:

POLYGON ((-157.87675189566508 21.307267379013133, -157.87703352761275 21.307449796191065, -157.87722932886774 21.307199909587805, -157.87699597668637 21.306787595764217, -157.8769423325046 21.30681508338801, -157.87701206994183 21.30694252594229, -157.87701206994183 21.306945024815278, -157.87675189566508 21.307267379013133))

Site Details

Centroid: POINT (-157.87703400000004 21.307156999999989)
Updated On: 10/8/2020 3:27:16 PM
Coordinates: 21.307156999999989,-157.87703400000004

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
238	1 of 1	NW	0.72 / 3,776.75	3.28 / 0	775 North Nimitz Highway 775 N Nimitz Hwy Honolulu HI 96817	SHWS

iHEER ID (Public iHEER): 623
Site Name (Public iHEER): 775 North Nimitz Highway
Aliases (Public iHEER): Brownfields Medium Priority Site, FEDEX Nimitz Hwy, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1C, Honolulu Harbor Iwilei Unit OU3, IDPP
Street (Public iHEER): 775 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/9/2021 3:36:46 PM
Ms Access ID (Public iHEER): 1673
Suppl Loc (Public iHEER): 775 N Nimitz Hwy, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115013005
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 623
Site Name (PORTAL): 775 North Nimitz Highway
Loc Desc (PORTAL): 775 N Nimitz Hwy, Honolulu, HI 96817
Address (PORTAL): 775 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/623/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Nov 9, 2020
Document No: 177545
Type: Review Letter
Title: Review of Response to Comments and Revised C-EHMP Section 2.2.1, Dated September 30, 2020, by Apex.
Imported From:

iHEER System - Documents

Date : Apr 20, 2020
Document No: 174488
Type: Review Letter
Title: Review of SPH Recovery Completion Report, Version 1
Imported From:

iHEER System - Documents

Date : Nov 19, 2018
Document No: 125221
Type: Review Letter
Title: Review of SPH Recovery Evaluation Report, Version 1, Dated November 15, 2018
Imported From: 18-351 IV.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 3, 2009
Document No: 125230
Type: Undetermined
Title: Soil Management Plan Grease Interceptor Installation Project
Imported From: 2009-734#Q:\2009 Final Correspondence (Day File)\09-734-AF.pdf

iHEER System - Documents

Date : Dec 30, 2019
Document No: 172686
Type: Hazardous Substance Written Follow-Up Notification
Title: Written Release Notification-Product encountered during Construction for new FEDEX parking lot
Imported From:

iHEER System - Documents

Date : Jun 17, 2013
Document No: 125226
Type: Undetermined
Title: 775 N Nimitz Hwy 100% RD Project
Imported From: 105420#\Heersharepoint1\facilitiesite%20documents\105420.pdf

iHEER System - Documents

Date : Oct 25, 2011
Document No: 125235
Type: Undetermined
Title: Documentation of Agreements on 775 N Nimitz Hwy 60% Remedial Design Report, 10/25/11
Imported From: 96553#\Heersharepoint1\facilitiesite%20documents\96553.pdf

iHEER System - Documents

Date : Nov 17, 2011
Document No: 125242
Type: Undetermined
Title: Documentation of Agreements on 775 N Nimitz Hwy 60% Remedial Design Report, Oct 27, 2011
Imported From: 2011-674#Q:\2011 Final Correspondence (Day File)\11-674-KO.pdf

iHEER System - Documents

Date : Nov 4, 2011
Document No: 125239
Type: Undetermined
Title: Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011
Imported From: \facilitiesite documents\media96622\5-26-11 RTC SPH Contd Rcvy Rbd Eval Ver 1.pdf

iHEER System - Documents

Date : Nov 4, 2011
Document No: 125241
Type: Undetermined
Title: Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011
Imported From: \facilitiesite documents\media96622\6-27-11 DOH Comment 5-26-11 SPH rebound RTC.pdf

iHEER System - Documents

Date : Nov 4, 2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			125237			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011			
Imported From:			\\facilitysite documents\media96622\4-6-11 DOH Comment on SPH Contd Rcvy Rbd Eval V1.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 4, 2011			
Document No:			125238			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011			
Imported From:			\\facilitysite documents\media96622\1-21-11 SPH Contd Rcvy Rbd Eval Ver1 .pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 4, 2011			
Document No:			125240			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011			
Imported From:			\\facilitysite documents\media96622\10-31-11 OU1C OU3 SPH rebound to DOH.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 4, 2011			
Document No:			125236			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound - 775 N Nimitz Hwy, Oct 13, 2011			
Imported From:			\\facilitysite documents\media96622\96622.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 16, 2011			
Document No:			125234			
Type:			Undetermined			
Title:			Documentation of Agreements on OU1C/OU3 SPH Rebound: 775 N Nimitz Hwy, Oct 31, 2011			
Imported From:			2011-670#Q:\2011 Final Correspondence (Day File)\11-670-KO.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2009			
Document No:			4822			
Type:			Undetermined			
Title:			Draft Iwilei District 775 N Nimitz Hwy 60% Design Report, Ver 1.0, WBS 3.6.6			
Imported From:			59022#\Heersharepoint1\facilitysite%20documents\59022.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2011			
Document No:			125232			
Type:			Undetermined			
Title:			Draft Iwilei District 775 N Nimitz Hwy Institutional Controls Plan, Apr 11, 2011			
Imported From:			94892#\Heersharepoint1\facilitysite%20documents\94892.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2010			
Document No:			125219			
Type:			Undetermined			
Title:			Draft Iwilei District 775 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010			
Imported From:			93529#\Heersharepoint1\facilitysite%20documents\93529.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 13, 2011
Document No: 125229
Type: Undetermined
Title: Draft Iwilei District 775 N Nimitz Hwy Institutional Controls Plan, Version 1.1 WBS 3.10.6, Apr 11, 2011
Imported From: 95303#\Heersharepoint1\facilitiesite%20documents\95303.pdf

iHEER System - Documents

Date : Nov 30, 2010
Document No: 125227
Type: Undetermined
Title: Draft Iwilei District, 775 N Nimitz Hwy, Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010
Imported From: 93575#\Heersharepoint1\facilitiesite%20documents\93575.pdf

iHEER System - Documents

Date : Oct 8, 2009
Document No: 17412
Type: Undetermined
Title: Environmental Responsibilities during Grease Trap Interceptor Installation
Imported From: 2009-667#Q:\2009 Final Correspondence (Day File)\09-667-AF.pdf

iHEER System - Documents

Date : Mar 13, 2015
Document No: 125220
Type: Undetermined
Title: Follow up to Dec 5, 2014, DOH HEER Office Meeting Regarding IDPP 10/31/14 775 N Nimitz Hwy, SPH Recovery Plan
Imported From: 113914.pdf

iHEER System - Documents

Date : Apr 1, 2020
Document No: 175159
Type: Undetermined
Title: Follow-Up to Release Notification for Incident Case No.: 20191205-1531AT
Imported From:

iHEER System - Documents

Date : Apr 7, 2020
Document No: 174400
Type: Removal Action Completion Report
Title: IWILEI DISTRICT 775 NORTH NIMITZ HIGHWAY SPH RECOVERY COMPLETION REPORT Version 1 WBS 3.6.6
Imported From:

iHEER System - Documents

Date : Oct 31, 2014
Document No: 19209
Type: Undetermined
Title: Iwilei District - 775 N Nimitz Highway SPH Recovery Plan, Version 1.0 WBS 3.6.6
Imported From: 111253#\Heersharepoint1\facilitiesite%20documents\111253.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 31, 2014			
Document No:			19211			
Type:			Undetermined			
Title:			Iwilei District - 775 N Nimitz Highway SPH Recovery Plan, Version 1.0 WBS 3.6.6			
Imported From:			\\facilitysite documents\media111253\111253.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 31, 2014			
Document No:			19210			
Type:			Undetermined			
Title:			Iwilei District - 775 N Nimitz Highway SPH Recovery Plan, Version 1.0 WBS 3.6.6			
Imported From:			\\facilitysite documents\media111253\103114_775 NNimitz Hwy_SPH Recovery Plan V1.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 15, 2018			
Document No:			125233			
Type:			Undetermined			
Title:			Iwilei District 775 N Nimitz Highway SPH Recovery Evaluation, Version 1, WBS 3.6.6			
Imported From:			134041.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 17, 2013			
Document No:			125243			
Type:			Undetermined			
Title:			Iwilei District 775 N Nimitz Hwy 100% Remedial Design Report Jun 17, 2013			
Imported From:			105421#\Heersharepoint1\facilitysite%20documents\105421.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2009			
Document No:			125228			
Type:			Undetermined			
Title:			Iwilei District 775 N Nimitz Hwy 60% Design Report, Ver 1.0, WBS 3.6.6, Feb 20, 2009			
Imported From:			59023#\Heersharepoint1\facilitysite%20documents\59023.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 24, 2013			
Document No:			125224			
Type:			Undetermined			
Title:			Iwilei District 775 N Nimitz Hwy, 100% Remedial Design Report, Version 1.0, WBS 3.6.6, Jun 17, 2013, prepared by SLR International Corporation			
Imported From:			107208#\Heersharepoint1\facilitysite%20documents\107208.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 17, 2013			
Document No:			125225			
Type:			Undetermined			
Title:			Iwilei District 775 N Nimitz Hwy, 100% Remedial Design Report, Version 1.0, WBS 3.6.6, Jun 17, 2013, prepared by SLR International Corporation			
Imported From:			107209#\Heersharepoint1\facilitysite%20documents\107209.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 21, 2021			
Document No:			181072			
Type:			Memo To File			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Reference to Hilo Hattie and OU1C
Imported From:

iHEER System - Documents

Date : Dec 18, 2013
Document No: 125223
Type: Undetermined
Title: Remedial Design Construction Report for 775 N Nimitz Hwy, Honolulu HI
Imported From: \facilitysite documents\media108154\775NNimitz_IDPP_Dec2013.pdf

iHEER System - Documents

Date : Dec 18, 2013
Document No: 125222
Type: Undetermined
Title: Remedial Design Construction Report for 775 N Nimitz Hwy, Honolulu HI
Imported From: \facilitysite documents\media108154\Cover Letter.pdf

iHEER System - Documents

Date : Feb 16, 2010
Document No: 14177
Type: Undetermined
Title: Response to Comments - OU3 Phase 2 Soil Gas Report, 755 & 775 N Nimitz Hwy
Imported From: 62474#\Heersharepoint1\facilitysite%20documents\62474.pdf

iHEER System - Documents

Date : May 22, 2020
Document No: 175160
Type: Review Letter
Title: Review of Follow-Up to Release Notification for Incident Case No.: 20191205-1531AT
Imported From:

iHEER System - Locations Details

Locations ID: 8029
Location Type: CEHMP
Description: CEHMP 775 FEDEX Adden.
Comment :
Centroid: POINT (-157.87181276446273 21.313482670635882)
Geometry:

POLYGON ((-157.8729944867776 21.313617491313018, -157.87298375793765 21.313737431694729, -157.87284964748764 21.313837381938313, -157.87273163029312 21.313882359525174, -157.8723453921896 21.313832384427609, -157.87174457737692 21.313757421749379, -157.8712564153343 21.313672463999978, -157.87103647419167 21.313647476417604, -157.87090236374169 21.313612493794846, -157.87085944839987 21.31359750124016, -157.87082726188896 21.313527535962418, -157.87079507538709 21.313377610255664, -157.87077361770721 21.313257669580029, -157.87075216003632 21.313147723874945, -157.87074679562079 21.313072760846435, -157.87087554165529 21.313067763309729, -157.87107402511802 21.313082755919321, -157.87129396626068 21.313107743597776, -157.87165874668429 21.31315272140894, -157.87220055290865 21.313277659699182, -157.87259215541866 21.313382607781822, -157.87298375793765 21.313567516125303, -157.8729944867776 21.313617491313018))

iHEER System - Locations Details

Locations ID: 1338
Location Type: SC
Description:
Comment : Manually placed;
Centroid: POINT (-157.873 21.313599999999997)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POINT (-157.873 21.313599999999997)

iHEER System - Locations Details

Locations ID: 2310
Location Type: EHMP
Description: EHMP_775 Nimitz_IDPP OU-3
Comment : Google Earth
Centroid: POINT (-157.87181863718965 21.31347907850833)
Geometry:

POLYGON ((-157.87275323676994 21.313869865753183, -157.87291953373079 21.313804898117041, -157.8729731779126 21.313749925479645, -157.87299463558352 21.313674962759343, -157.87299463558352 21.313590004962233, -157.8728229742072 21.313480059505945, -157.87255475330721 21.313385106545248, -157.87232408332463 21.313310143638741, -157.87205049800917 21.31324517575495, -157.87177154826927 21.313185205375294, -157.87138531017476 21.313115239901173, -157.87092933464302 21.313075259615122, -157.87074158001121 21.313075259615122, -157.87081668186394 21.313360118914009, -157.87082204627944 21.313520039681755, -157.87086496162127 21.313590004962233, -157.87089178371664 21.313604997518535, -157.87155160713559 21.3137099453664, -157.87202904033828 21.313774913044565, -157.87239918517733 21.313829885672622, -157.87275323676994 21.313869865753183))

Site Details

Centroid: POINT (-157.873 21.313599999999997)
Updated On: 2/9/2021 3:36:46 PM
Coordinates: 21.313599999999997,-157.873

iHEER System - Aliases

Name: Brownfields Medium Priority Site

iHEER System - Aliases

Name: FEDEX Nimitz Hwy

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: IDPP

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU1C

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu Harbor Iwilei District Participating Parties				

239	1 of 1	NW	0.72 / 3,799.97	3.28 / 0	755 North Nimitz Highway 755 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 622
Site Name (Public iHEER): 755 North Nimitz Highway
Aliases (Public iHEER): 755 N Nimitz Hwy, Brownfields Medium Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1C, Honolulu Harbor Iwilei Unit OU3, IDPP
Street (Public iHEER): 755 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/1/2019 8:18:15 AM
Ms Access ID (Public iHEER): 1820
Suppl Loc (Public iHEER): 755 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115013005
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 622
Site Name (PORTAL): 755 North Nimitz Highway
Loc Desc (PORTAL): 755 N Nimitz Hwy
Address (PORTAL): 755 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/622/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Nov 18, 2008
Document No: 127570
Type: Undetermined
Title: DOH Recommendations for action
Imported From: 08-783-AF.pdf

iHEER System - Documents

Date : Dec 4, 2008
Document No: 127569
Type: Undetermined
Title: Due Date for Comments
Imported From: 08-829-AF.pdf

iHEER System - Documents

Date : Nov 18, 2008
Document No: 127573

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Letter of Interest				
Title:		Notice of Interest Release or Threatened Release of Hazardous Substances Case ID 200811180855				
Imported From:		08-782-AF.pdf				

iHEER System - Documents

Date :	Mar 31, 2010
Document No:	127576
Type:	Phase II Environmental Site Assessment
Title:	Phase 2 Soil Gas Investigation Report, 755 and 775 N Nimitz Hwy, Version 2, WBS 3.1.5, Mar 31, 2010 prepared by URS Corporation
Imported From:	62815.pdf

iHEER System - Documents

Date :	Mar 18, 2013
Document No:	14818
Type:	Undetermined
Title:	Request to Continue Remedial Activities
Imported From:	102955.pdf

iHEER System - Documents

Date :	May 12, 2009
Document No:	127575
Type:	Phase II Environmental Site Assessment
Title:	Soil Gas Sampling Phase 2 Scope of Work, Kristina S. Quiton Trust Parcel, 755 and 775 N Nimitz Hwy, Version 1.0, May 12, 2009
Imported From:	59782.pdf

iHEER System - Locations Details

Locations ID:	2113
Location Type:	SC
Description:	
Comment :	Manually placed;
Centroid:	POINT (-157.873 21.313599999999997)
Geometry:	

POINT (-157.873 21.313599999999997)

iHEER System - Locations Details

Locations ID:	10666
Location Type:	MA
Description:	Management Area
Comment :	
Centroid:	POINT (-157.87232659882324 21.314829225414442)
Geometry:	

POLYGON ((-157.87704343009247 21.320117868896816, -157.87815922904315 21.31915838479469, -157.87873858619392 21.317998999804292, -157.87635678458713 21.316879584919704, -157.87551993537633 21.317019512247533, -157.87487620521284 21.315640222771886, -157.87425393272028 21.314640729548355, -157.873288337475 21.313481308886, -157.87232274222973 21.313061516389212, -157.87365311789858 21.311242401703836, -157.87159318137356 21.309823076795571, -157.87129277396272 21.310342831170718, -157.87172192740806 21.310582717184925, -157.87077778983371 21.311862102643438, -157.87097090888096 21.312341869317226, -157.86966199088306 21.312701693294017, -157.86976927924664 21.31308150653588, -157.86880368400136 21.313381358400928, -157.86740893531078 21.313861120111532, -157.86670083213448 21.314021040332889, -157.86646479773643 21.314041030348939, -157.86614293265467 21.313901100182793, -157.86509150672575 21.313961070270068, -157.8650485913839 21.315180456733856, -157.8660356443001 21.315600243173293, -157.86758059668708 21.314900598440584, -157.86961907554121 21.314120990383408, -157.87180775810074 21.313961070270068, -157.87313813376957 21.314120990383408, -157.87373894859124 21.314680709407344, -157.87472600150744 21.316459802137775, -157.87575596976544 21.31871861915161, -157.87682885337429 21.320217814796269, -157.87704343009247 21.320117868896816))

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Details						
Centroid:		POINT (-157.873 21.313599999999997)				
Updated On:		6/1/2019 8:18:15 AM				
Coordinates:		21.313599999999997,-157.873				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit OU1C				
<u>iHEER System - Aliases</u>						
Name:		IDPP				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		755 N Nimitz Hwy				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit OU3				

240	1 of 1	ESE	0.72 / 3,811.00	6.62 / 3	One Archer Lane Petroleum Contamination 801 S King St Honolulu HI 96813	SHWS
iHEER ID (Public iHEER):		831				
Site Name (Public iHEER):		One Archer Lane Petroleum Contamination				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Closed Incomplete Characterization, One Archer Lane				
Street (Public iHEER):		801 S King St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 730
Suppl Loc (Public iHEER): 801 S King St
Tax Map Keys (Public iHEER): 121044041
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 831
Site Name (PORTAL): One Archer Lane Petroleum Contamination
Loc Desc (PORTAL): 801 S King St
Address (PORTAL): 801 S King St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA – TYPE UNDETERMINED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer#!/site/831/details/view
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 10, 2006
Document No: 42249
Type: Undetermined
Title: Memo to file: Site close-out
Imported From: 2006-016#Q:\2006 Final Correspondence (Day File)\06-016-ES.pdf

iHEER System - Locations Details

Locations ID: 1103
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; ARC_STREET: 801 S King St XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.852 21.3026)
Geometry:

POINT (-157.852 21.3026)

Site Details

Centroid: POINT (-157.852 21.3026)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.3026,-157.852

iHEER System - Aliases

Name: One Archer Lane

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
241	1 of 2	NW	0.72 / 3,811.95	3.28 / 0	Chevron Honolulu Terminal Marine 777 N Nimitz Hwy Honolulu HI 96817	DELISTED SHWS

Delisted HEER Sites of Interest

HID No:
Fac Registry ID: 110000486457
Assessment: Assessment Ongoing
Response: Response Ongoing
Resp Act Complete:
Potential Haz/Ctrl: Hazard Managed With Controls
Date Issued: 8/9/2016 2:53:59 AM
Priority: Medium
Engineer Control:
Institutional Control: Government - Hawaii Dept. of Health Letter Issued
Supplemental Location:
Within Design. Area Contam.: Honolulu Harbor Iwilei Unit
SDAR Enviro Interest Name: Chevron Honolulu Terminal Marine
Program Full Name: State
Use Restrictions: Controls Required to Manage Contamination
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination: Found: Petroleum -related contamination
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Program Designation:
Data Source(s):
Original Source: SHWS
Record Date: 27-SEP-2018

Lead Agency: HEER
Project Manager: Iris van der Zander
Document Date:
Document No:
Island: Oahu
Loc State USPS Cd: HI
Loc ZIP Suffix:
Latitude: 21.313269
Longitude: -157.872576

241	2 of 2	NW	0.72 / 3,811.95	3.28 / 0	Island Energy Services (IES) Honolulu Marine Terminal 777 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1202
Site Name (Public iHEER): Island Energy Services (IES) Honolulu Marine Terminal
Aliases (Public iHEER): 115, Chevron Honolulu Terminal Marine, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, HTM, IES Honolulu Marine Terminal, Island Energy Honolulu Marine Terminal, LTM, SLR 3.2ft Flooding
Street (Public iHEER): 777 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/16/2021 5:19:33 PM
Ms Access ID (Public iHEER): 138
Suppl Loc (Public iHEER): 777 N Nimitz Hwy, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115037001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1202
Site Name (PORTAL): Island Energy Services (IES) Honolulu Marine Terminal

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Loc Desc (PORTAL):					777 N Nimitz Hwy, Honolulu, HI 96817	
Address (PORTAL):					777 N Nimitz Hwy Honolulu, HI 96817	
County (PORTAL):					Honolulu	
Island (PORTAL):					Oahu	
Status (PORTAL):					REMEDY NEEDED	
Priority (PORTAL):					Unranked	
Lead Agency (PORTAL):					HEER Office	
Program (PORTAL):					State	
Assigned Rpm (PORTAL):					Thomas Gilmore	
Details URL (PORTAL):					https://eha-cloud.doh.hawaii.gov/iheer/#/site/1202/details/view	
Data Source(s):					iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)	

iHEER System - Documents

Date : Feb 11, 2011
Document No: 5885
Type: Undetermined
Title: Chevron Honolulu Marine Terminal, Honolulu Transportation Terminal, Hilo Terminal, Kahului Terminal and Port Allen Terminal - RCRA Waste Contingency Plan
Imported From: 94408#\Heersharepoint1\facilitiesite%20documents\94408.pdf

iHEER System - Documents

Date : Oct 2, 2001
Document No: 5881
Type: Undetermined
Title: Chevron Honolulu Terminal - Marine Request for Information pursuant to Sections 311 and 308 of the Clean Water Act, 33 USC 1321 and 1318
Imported From: 112032#\Heersharepoint1\facilitiesite%20documents\112032.pdf

iHEER System - Documents

Date : May 4, 2017
Document No: 5863
Type: Comment Letter
Title: Comments to Aug 2016 Groundwater Monitoring Report, Honolulu Terminal Marine (Dated Oct, 2016)
Imported From: 2017-130#Q:\2017 Final Correspondence (Day File)\17-130 IV.pdf

iHEER System - Documents

Date : May 3, 2017
Document No: 5862
Type: Comment Letter
Title: Comments to Mar 2016 Groundwater Monitoring Report, Honolulu Terminal Marine (Dated Jun, 2016)
Imported From: 2017-129#Q:\2017 Final Correspondence (Day File)\17-129 IV.pdf

iHEER System - Documents

Date : Aug 9, 2016
Document No: 15227
Type: Comment Letter
Title: Comments to Remedial Endpoint Analysis
Imported From: 2016-372#Q:\2016 Final Correspondence (Day File)\16-372 IV.pdf

iHEER System - Documents

Date : Nov 23, 2016
Document No: 5890
Type: Undetermined
Title: Comments to Sep 2015 Groundwater Monitoring Report, Honolulu Terminal Marine
Imported From: 2016-527#Q:\2016 Final Correspondence (Day File)\16-527 IV.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 28, 2011
Document No: 5938
Type: Undetermined
Title: Data Gap Investigation Report, Feb 2011, Chevron Honolulu Terminal Marine
Imported From: 119714#\Heersharepoint1\facilitsite%20documents\119714.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5904
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitsite documents\media107401\HTM_ 2010 10 30_OM Rpt_Sept 2010.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5906
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitsite documents\media107401\HTM_ 2010 12 20_OM Rpt_Nov 2010.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5908
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitsite documents\media107401\Chev_HTM_RFI Docs_HEER.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5911
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitsite documents\media107401\HTM_ 2011 06 01_GWM Rpt Annual_2011.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5913
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitsite documents\media107401\HTM_ 2011 02_Data Gap Inv Rpt.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5915
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 06 17_OM Rpt_May 2011.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5905					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\HTM_ 2012 05 01_GWM Rpt Annual_2012.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5907					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\Chev_HTM_Cover Letter to RFI Docs_HEER 11 8 2013.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5909					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\HTM_ 2011 08 26_OM Rpt_July 2011.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5912					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\Chev_HTM_RFI Docs_HEER.xlsx				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5914					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 06 01_GWM Rpt Annual_2011.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2013					
Document No:	5916					
Type:	Undetermined					
Title:	HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN					
Imported From:		\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\Chev_HTM_RFI Response_Files Produced 11 8 2013.JPG				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date :		Feb 13, 2014				
Document No:		5845				
Type:		Site Characterization Report				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1993 02 19_Task 1 Site Characterization_BC.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 13, 2014				
Document No:		5847				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1996 09 17_Tidal St_Shel HDI_BC.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 13, 2014				
Document No:		5850				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1995 09 24_MW RecSys Eval_BC.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 13, 2014				
Document No:		5852				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1993 May_Task 3 Drawings_BC.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 13, 2014				
Document No:		5854				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1994 07 15_OM Manual FPRS_BCa.pdf				
 <u>iHEER System - Documents</u>						
Date :		Mar 28, 2002				
Document No:		5880				
Type:		Undetermined				
Title:		Letter Report Semi-Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility No 1319070 DOH Facility ID 9-101104				
Imported From:		36634#\Heersharepoint1\facilitysite%20documents\36634.pdf				
 <u>iHEER System - Documents</u>						
Date :		Apr 19, 2002				
Document No:		5872				
Type:		Undetermined				
Title:		Letter Report, Product Recovery System Operations & Maintenance Aug 2001 through Feb 2002 for Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI 96817				
Imported From:		36635#\Heersharepoint1\facilitysite%20documents\36635.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 30, 2002			
Document No:			5878			
Type:			Undetermined			
Title:			Letter Report, Product Recovery System Operations and Maintenance Aug 2002 through Oct 2002 for Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI 96817 Chevron Facility No 1319070 HDOH Facility ID 9-101104			
Imported From:			36636#\Heersharepoint1\facilitiesite%20documents\36636.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 29, 2019			
Document No:			171187			
Type:			Undetermined			
Title:			LNAPL Thickness and Methane Table March 2019			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 14, 2017			
Document No:			17035			
Type:			Undetermined			
Title:			Mar 14,2017 Meeting Minutes-IES update Meeting building 8			
Imported From:			126326#\Heersharepoint1\facilitiesite%20documents\126326.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 2016			
Document No:			5840			
Type:			Undetermined			
Title:			Mar 2016 Groundwater Monitoring Report, Honolulu terminal Marine (Chevron Facility No 1319070, HDOH Facility No 9-101104			
Imported From:			\facilitiesite documents\media126018\126018.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2011			
Document No:			5875			
Type:			Undetermined			
Title:			Discussion with Mark Dexter, CH2M Hill, Consultant to Chevron, Regarding Short Term Response to Product in Trench at Pier 29			
Imported From:			94345#\Heersharepoint1\facilitiesite%20documents\94345.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 8, 2013			
Document No:			5917			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN			
Imported From:			\facilitiesite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2010 06 01_GWM Rpt_Feb 2010.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 8, 2013			
Document No:			5919			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN			
Imported From:			\facilitiesite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2012 05 01_GWM Rpt			

Map Key **Number of** **Direction** **Distance** **Elev/Diff** **Site** **DB**
Records **(mi/ft)** **(ft)**

Annual_2012.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5921
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2010 12 20_OM Rpt_Nov 2010.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5923
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 1997 04 23_Site Char Prod Rec Rpt_HIES.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5925
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\Chev_HTM_Cover Letter to RFI Docs_HEER 11 8 2013.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5918
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\Chev_HTM_RFI Docs_HEER.xlsx

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5920
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 10 30_OM Rpt_Sept 2011.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5922
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 02_Data Gap Inv Rpt.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Nov 8, 2013			
Document No:			5924			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN			
Imported From:			\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2009 09_SPCC Plan.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 8, 2013			
Document No:			5926			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN			
Imported From:			\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2012 08 16_OM Rpt_Aug 2012.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2014			
Document No:			5855			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN			
Imported From:			\\facilitysite documents\media108989\HTM_ 2011 08_Removal Action Rpt_BC.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2014			
Document No:			5857			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN			
Imported From:			\\facilitysite documents\media108989\HTM_ 2001 09 21_CH2M Summ_OWS Rels Resp_BC.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2014			
Document No:			5844			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN			
Imported From:			\\facilitysite documents\media108989\HTM_ 2003 07 11_Marine Sump Eval_Memo_BC.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2014			
Document No:			5846			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN			
Imported From:			\\facilitysite documents\media108989\Chev_HTM_RFI Docs List_HEER_Set 2.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2014			
Document No:			5849			
Type:			Undetermined			
Title:			HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: \facilitysite documents\media108989\HTM_1993 02 23_Task 2 Work Plan_BC.pdf

iHEER System - Documents

Date : Apr 26, 2012
Document No: 174033
Type: Undetermined
Title: Notes on Discussion with Todd Osterberg, Chevron HES Specialist, at Hilo Chevron Terminal, 4-26-12
Imported From:

iHEER System - Documents

Date : Oct 8, 2013
Document No: 5883
Type: Undetermined
Title: Oct 2, 2013, Chevron Response to HDOH Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Aug 27, 2013
Imported From: 2013-529#Q:\2013 Final Correspondence (Day File)\13-529-JQN.pdf

iHEER System - Documents

Date : Nov 14, 2022
Document No: 198040
Type: Monitoring Report
Title: October 2022 Semi Annual Groundwater Monitoring Report
Imported From:

iHEER System - Documents

Date : Nov 14, 2022
Document No: 198039
Type: Undetermined
Title: October Groundwater Sampling Cover Letter
Imported From:

iHEER System - Documents

Date : May 14, 2018
Document No: 5859
Type: Comment Letter
Title: Outstanding Deliverables And Responses to Comments for Several Documents
Imported From: 2018-132#Q:\2018 Final Correspondence (Day File)\18-132 IV.PDF

iHEER System - Documents

Date : Apr 11, 2019
Document No: 171171
Type: Undetermined
Title: Passive Methane Venting Contraption
Imported From:

iHEER System - Documents

Date : May 2, 2023
Document No: 201411
Type: Monitoring Report
Title: Quarterly Monitoring and Guaging Report
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Feb 10, 2011
Document No: 5830
Type: Undetermined
Title: Release Response Activities at Honolulu Harbor Piers 20 and 30
Imported From: 94393#\Heersharepoint1\facilitiesite%20documents\94393.pdf

iHEER System - Documents

Date : Feb 21, 1995
Document No: 5828
Type: Undetermined
Title: Response to Request for Information, Honolulu Harbor Petroleum Contaminated Area, Honolulu HI
Imported From: 1176#\Heersharepoint1\facilitiesite%20documents\1176.pdf

iHEER System - Documents

Date : May 17, 2018
Document No: 5877
Type: Undetermined
Title: Return Receipt for Request for schedule within 20 days
Imported From: 131952#\Heersharepoint1\facilitiesite%20documents\131952.pdf

iHEER System - Documents

Date : May 15, 2021
Document No: 179924
Type: Undetermined
Title: Return_receipt_dangler_5_15_21
Imported From:

iHEER System - Documents

Date : Nov 29, 2013
Document No: 5891
Type: Comment Letter
Title: Review of "EHE / EHMP for Chevron Honolulu Terminal Marine", Aug 27, 2013, by CH2MHill
Imported From: 2013-616#Q:\2013 Final Correspondence (Day File)\13-616-JQN.pdf

iHEER System - Documents

Date : Jul 23, 2014
Document No: 5842
Type: Comment Letter
Title: Review of "Interim Final EHE / EHMP for Chevron Honolulu Terminal Marine", May 2014 by CH2MHill
Imported From: 2014-367#Q:\2014 Final Correspondence (Day File)\14-367-JQN.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5929
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitiesite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_2010 10 30_OM Rpt_Sept 2010.pdf

iHEER System - Documents

Date : Feb 13, 2014
Document No: 5851

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\Chev_HTM_RFI Doc List_HEER_Set 2.xlsx				
<u>iHEER System - Documents</u>						
Date :		Feb 13, 2014				
Document No:		5853				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN				
Imported From:		\\facilitysite documents\media108989\HTM_1995 06 28_Exposure Prev Mgmt Plan_BC.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 11, 2011				
Document No:		5827				
Type:		Undetermined				
Title:		Honolulu (HMT), HI, RCRA Contingency Plan				
Imported From:		94409#\Heersharepoint1\facilitysite%20documents\94409.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 11, 2018				
Document No:		5835				
Type:		Comment Letter				
Title:		IES (Former Chevron) Honolulu Terminal Marine (HTM), 777 N Nimitz Hwy, Honolulu Hawaii				
Imported From:		2018-003#Q:2018 Final Correspondence (Day File)\18-003 IV.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 9, 2018				
Document No:		26464				
Type:		Undetermined				
Title:		IES -HTM Meeting Minutes from 7/9/2018 Meeting				
Imported From:		135450#\Heersharepoint1\facilitysite%20documents\135450.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2015				
Document No:		5823				
Type:		Undetermined				
Title:		Letter Report 2015 Annual Addendum to the EHE and EHMP, Honolulu Terminal Marine, Honolulu HI, Chevron Facility No 1319070, Aug 14, 2015				
Imported From:		116025#\Heersharepoint1\facilitysite%20documents\116025.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2015				
Document No:		5860				
Type:		Undetermined				
Title:		Remedial Action End Point Analysis Draft Oct 2015, Honolulu Terminal Marine, Honolulu HI, Chevron Facility No 1319070				
Imported From:		116024#\Heersharepoint1\facilitysite%20documents\116024.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 24, 2013				
Document No:		5871				
Type:		Comment Letter				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine				
Imported From:		2013-390#Q:\2013 Final Correspondence (Day File)\13-390-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 2001				
Document No:		5865				
Type:		Undetermined				
Title:		Request for Information pursuant to Sections 308 and 311 of the Clean Water Act, 33 USC 1318 and 1321, dated Aug 30, 2001				
Imported From:		112035#\Heersharepoint1\facilitiesite%20documents\112035.pdf				
<u>iHEER System - Documents</u>						
Date :		May 28, 2021				
Document No:		179920				
Type:		Comment Letter				
Title:		Request for Site Inspection in Response to IES letter Dated May 20, 2021.				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2018				
Document No:		5886				
Type:		Undetermined				
Title:		Response to "Outstanding Deliverables" Letter				
Imported From:		132090#\Heersharepoint1\facilitiesite%20documents\132090.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2018				
Document No:		5889				
Type:		Undetermined				
Title:		Response to "Outstanding Deliverables" Letter				
Imported From:		\facilitiesite documents\media132090\June 2018 IES Response to HDOH Comments on March and August 2016 GWM Reports for HTM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 19, 2018				
Document No:		5888				
Type:		Undetermined				
Title:		Response to "Outstanding Deliverables" Letter- April 2017 GW- Monitoring Report				
Imported From:		\facilitiesite documents\media132090\IES_HTM_GWM_Report_April2017_Final_2017.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 15, 2014				
Document No:		5829				
Type:		Comment Letter				
Title:		Review of "Response to review of Interim Final EHE / EHMP for Chevron Honolulu Terminal", May 2014 and "EHE Report and EHMP, Interim Edition, Sep 2014 by CH2M Hill				
Imported From:		2014-457#Q:\2014 Final Correspondence (Day File)\14-457-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 30, 2021				
Document No:		179291				
Type:		Review Letter				
Title:		Review of Semi-Annual Groundwater Monitoring October 2020				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 9, 2019
Document No: 171002
Type: Comment Letter
Title: Review of Semi-Annual Groundwater Monitoring Reports, April & September 2017
Imported From:

iHEER System - Documents

Date : Jun 28, 2017
Document No: 5861
Type: Undetermined
Title: RTCs to REA Comments Aug 9, 2016
Imported From: 127836#\Heersharepoint1\facilysite%20documents\127836.pdf

iHEER System - Documents

Date : Jun 14, 2021
Document No: 180190
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring April 2021 Honolulu Terminal Marine Facility 777 North Nimitz Highway Tax Map Key: (1) 1-5-037: Parcel 001 Honolulu, Oahu Hawaii_submittal
Imported From:

iHEER System - Documents

Date : May 6, 2020
Document No: 174994
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring March 2020 Honolulu Terminal Marine Facility 777 North Nimitz Highway Tax Map Key: (1) 1-5-037: Parcel 001 Honolulu, Oahu Hawaii_submittal
Imported From:

iHEER System - Documents

Date : Nov 4, 2020
Document No: 177927
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring October 2020 Honolulu Terminal Marine Facility 777 North Nimitz Highway_submittal
Imported From:

iHEER System - Documents

Date : Jan 8, 2004
Document No: 5870
Type: Undetermined
Title: Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI, Chevron Facility No 1319070, HDOH Facility ID 9-101104
Imported From: 36642#\Heersharepoint1\facilysite%20documents\36642.pdf

iHEER System - Documents

Date : Dec 11, 2015
Document No: 5935
Type: Undetermined
Title: Sep 2015 Groundwater Monitoring Report, Honolulu Terminal marine
Imported From: 119706#\Heersharepoint1\facilysite%20documents\119706.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 1, 2006
Document No: 5837
Type: Undetermined
Title: State Site Discovery Effort
Imported From: 2006-712#Q:\2006 Final Correspondence (Day File)\06-712-AF.pdf

iHEER System - Documents

Date : Jun 19, 2018
Document No: 5887
Type: Undetermined
Title: Response to "Outstanding Deliverables" Letter- September 2017 GW Monitoring Report
Imported From: \facilitysite documents\media132090\IES-HTM_GWMrpt_Final_Sept2017.pdf

iHEER System - Documents

Date : May 20, 2021
Document No: 179866
Type: Undetermined
Title: Response to "Review of Semiannual Groundwater Monitoring Report October 2020"
Imported From:

iHEER System - Documents

Date : Jan 1, 1900
Document No: 5836
Type: Undetermined
Title: Response to Qestion 7 Part 2 DOH INFORMATION REQUEST Honolulu TERMINAL MARINE Chevron Honolulu Terminal Marine located at the 777 N Nimitz Hwy, Honolulu HI Appendix 2 Question 7 Volume 2 of 2
Imported From: 36630#\Heersharepoint1\facilitysite%20documents\36630.pdf

iHEER System - Documents

Date : Jan 1, 1900
Document No: 5869
Type: Undetermined
Title: Response to Question 6 DOH INFORMATION REQUEST Honolulu TERMINAL MARINE Chevron Honolulu Terminal Marine located at the 777 N Nimitz Hwy, Honolulu HI Appendix 1 Question 6
Imported From: 36628#\Heersharepoint1\facilitysite%20documents\36628.pdf

iHEER System - Documents

Date : Jul 12, 1984
Document No: 5868
Type: Undetermined
Title: Response to Question 7 Part 2 DOH INFORMATION REQUEST Honolulu TERMINAL MARINE Chevron Honolulu Terminal Marine located at the 777 N Nimitz Hwy, Honolulu HI Appendix 2 Question 7 Volume 1 of 2
Imported From: 36629#\Heersharepoint1\facilitysite%20documents\36629.pdf

iHEER System - Documents

Date : Nov 15, 2021
Document No: 181461
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring October 2021
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Nov 15, 2021
Document No: 181460
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring October 2021_submittal
Imported From:

iHEER System - Documents

Date : Nov 27, 2019
Document No: 172467
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring September 2019 Honolulu Terminal Marine Facility 777 North Nimitz Highway
Imported From:

iHEER System - Documents

Date : Nov 27, 2019
Document No: 172466
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring September 2019 Honolulu Terminal Marine Facility 777 North Nimitz Highway_submittal
Imported From:

iHEER System - Documents

Date : Jun 6, 2003
Document No: 5866
Type: Undetermined
Title: Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI 36639#\Heersharepoint1\facilitiesite%20documents\36639.pdf
Imported From:

iHEER System - Documents

Date : Dec 20, 2004
Document No: 5825
Type: Undetermined
Title: Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI 2366#\Heersharepoint1\facilitiesite%20documents\2366.pdf
Imported From:

iHEER System - Documents

Date : Dec 20, 2004
Document No: 5873
Type: Undetermined
Title: Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI 36644#\Heersharepoint1\facilitiesite%20documents\36644.pdf
Imported From:

iHEER System - Documents

Date : Mar 29, 2019
Document No: 171170
Type: Undetermined
Title: Successful Product Recovery
Imported From:

iHEER System - Documents

Date : Aug 28, 2019
Document No: 172852

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Talking Points for 8-28-2019 mtg HDOH_IES				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 14, 2021				
Document No:		180191				
Type:		Monitoring Report				
Title:		Unredacted Semi-Annual Groundwater Monitoring April 2021 Honolulu Terminal Marine Facility 777 North Nimitz Highway Tax Map Key: (1) 1-5-037: Parcel 001 Honolulu, Oahu Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 6, 2020				
Document No:		174995				
Type:		Monitoring Report				
Title:		Unredacted Semi-Annual Groundwater Monitoring March 2020 Honolulu Terminal Marine Facility 777 North Nimitz Highway Tax Map Key: (1) 1-5-037: Parcel 001 Honolulu, Oahu Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2020				
Document No:		177928				
Type:		Monitoring Report				
Title:		Unredacted Semi-Annual Groundwater Monitoring October 2020 Honolulu Terminal Marine Facility 777 North Nimitz Highway				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 14, 2021				
Document No:		179781				
Type:		Comment Letter				
Title:		Untimely Response to Additional Methane Mitigation				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 9, 2019				
Document No:		172269				
Type:		Undetermined				
Title:		Whirly bird (Passive venting) design at HTM				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 15, 2004				
Document No:		5826				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron				
Imported From:		1230#\Heersharepoint1\facilitysite%20documents\1230.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 6, 2005				
Document No:		5882				
Type:		Undetermined				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Fac #1319070 HDOH Facility ID 9-101104	
Imported From:					36645#\Heersharepoint1\facilitiesite%20documents\36645.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 13, 2006	
Document No:					5937	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Fac #1319070 HDOH Facility ID 9-101104 (Revised)	
Imported From:					36646#\Heersharepoint1\facilitiesite%20documents\36646.pdf	
<u>iHEER System - Documents</u>						
Date :					May 6, 2005	
Document No:					5832	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility #1319070 HDOH Facility ID 9-101104	
Imported From:					2778#\Heersharepoint1\facilitiesite%20documents\2778.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 6, 2005	
Document No:					5834	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility #1319070 HDOH Facility ID 9-101104	
Imported From:					3414#\Heersharepoint1\facilitiesite%20documents\3414.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 15, 2004	
Document No:					5876	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility No 1318070 HDOH Facility ID 9-1011104	
Imported From:					36641#\Heersharepoint1\facilitiesite%20documents\36641.pdf	
<u>iHEER System - Documents</u>						
Date :					May 6, 2005	
Document No:					5838	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility No 1319070 HDOH Facility ID 9-101104	
Imported From:					36643#\Heersharepoint1\facilitiesite%20documents\36643.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 13, 2006	
Document No:					14008	
Type:					Undetermined	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI HDOH Facility ID 9-101104 (Revised 01/13/06)	
Imported From:					3585#\Heersharepoint1\facilitiesite%20documents\3585.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 18, 2021	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			181493			
Type:			Monitoring Report			
Title:			(Proposed Plan for Monitoring) Island Energy Services Downstream, LLC (IES) Honolulu Terminal Marine (HTM) Facility, 777 North Nimitz Highway, _submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Nov 18, 2021			
Document No:			181494			
Type:			Monitoring Report			
Title:			(Proposed Plan for Monitoring) Island Energy Services Downstream, LLC (IES) Honolulu Terminal Marine (HTM) Facility, 777 North Nimitz Highway, _submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2019			
Document No:			172268			
Type:			Undetermined			
Title:			09092019 Update HTM Deliverable Spreadsheet.xlsx			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 16, 2019			
Document No:			172267			
Type:			Undetermined			
Title:			09162019 rev 1 Update HTM Deliverable Spreadsheet.xlsx			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 25, 2019			
Document No:			172265			
Type:			Undetermined			
Title:			09252019 Update HTM Deliverable Spreadsheet.xlsx			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2019			
Document No:			172263			
Type:			Undetermined			
Title:			09302019 Update HTM Deliverable Spreadsheet.xlsx			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 11, 2019			
Document No:			172266			
Type:			Undetermined			
Title:			10112019 Update HTM Deliverable Spreadsheet			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 9, 2018			
Document No:			170993			
Type:			Undetermined			
Title:			Agenda Items IES Meeting 7-9-2018			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : May 3, 2021
Document No: 179911
Type: Undetermined
Title: E-mail Response IES regarding installation of add Whirlybirds
Imported From:

iHEER System - Documents

Date : Sep 30, 2014
Document No: 5841
Type: Interim EHMP
Title: EHE Report and EHMP Interim Edition Sep 2014, Honolulu Terminal Marine, Honolulu HI
Imported From: 110776#\Heersharepoint1\facilitiesite%20documents\110776.pdf

iHEER System - Documents

Date : Aug 30, 2013
Document No: 5936
Type: Undetermined
Title: EHE Report and EHMP, Draft Aug 2013 Honolulu Terminal Marine Honolulu HI
Imported From: 106315#\Heersharepoint1\facilitiesite%20documents\106315.pdf

iHEER System - Documents

Date : May 30, 2014
Document No: 5833
Type: Interim EHMP
Title: EHE Report and EHMP, Interim Final May 2014, Honolulu Terminal Marine, Honolulu HI
Imported From: 110469#\Heersharepoint1\facilitiesite%20documents\110469.pdf

iHEER System - Documents

Date : May 13, 2021
Document No: 179925
Type: Undetermined
Title: Emails Regarding Well Selection and Product Recovery
Imported From:

iHEER System - Documents

Date : Feb 7, 2019
Document No: 172851
Type: Undetermined
Title: February 2019 Meeting Agenda and Figures
Imported From:

iHEER System - Documents

Date : Jul 14, 2014
Document No: 5864
Type: Undetermined
Title: Groundwater Monitoring Results Mar 2014, Honolulu Terminal Marine, Honolulu HI
Imported From: 110378#\Heersharepoint1\facilitiesite%20documents\110378.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Nov 8, 2013				
Document No:		5927				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN				
Imported From:		\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 08 26_OM Rpt_July 2011.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2013				
Document No:		5930				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN				
Imported From:		\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2012 10 15_OM Rpt_Oct 2012.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2013				
Document No:		5932				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN				
Imported From:		\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2012 12 20_OM Rpt_Dec 2012.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2013				
Document No:		5934				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN				
Imported From:		\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2011 02 28_OM Rpt_Jan 2011.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2013				
Document No:		5931				
Type:		Undetermined				
Title:		HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN				
Imported From:		\\facilitysite documents\media107401\Chevron_HTM_RFI Docs Produced 11 2013\HTM_ 2012 07 16_OM Rpt_May 2012.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 2022				
Document No:		196752				
Type:		Comment Letter				
Title:		April 2022 Monitoring Report Response				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 11, 2022				
Document No:		184840				
Type:		Monitoring Report				
Title:		April 2022 Semi Annual Monitoring Report				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Oct 25, 2016
Document No: 5839
Type: Undetermined
Title: Aug 2016 Groundwater Monitoring Report, Honolulu Terminal Marine (Chevron Facility No 1319070, HDOH Facility No 9-101104)
Imported From: \\facilitysite documents\media126017\126017.pdf

iHEER System - Documents

Date : Oct 11, 2019
Document No: 172260
Type: Undetermined
Title: BAILDOWN TESTING AND METHANE ASSESSMENT Island Energy Services Downstream, LLC (IES) IES Honolulu Terminal Marine (HTM) Facility 777 North Nimitz Highway (Tax Map Key [TMK]: [1] 1-5-037: Parcel 001) Honolulu, Oahu, Hawaii 96817
Imported From:

iHEER System - Documents

Date : May 23, 1996
Document No: 5831
Type: Undetermined
Title: Chevron Black Oil Pipeline
Imported From: 127440#\Heersharepoint1\facilitysite%20documents\127440.pdf

iHEER System - Documents

Date : Apr 6, 1995
Document No: 5824
Type: Undetermined
Title: Chevron Honolulu Marine Terminal 777 N Nimitz Hwy, Honolulu HI
Imported From: 305#\Heersharepoint1\facilitysite%20documents\305.pdf

iHEER System - Documents

Date : Jun 11, 2019
Document No: 171173
Type: Undetermined
Title: GW Monitoring Schedule Proposed as of 6/11/2019
Imported From:

iHEER System - Documents

Date : Jul 26, 2012
Document No: 5858
Type: Undetermined
Title: Hawaii Hazardous Substance Written Follow-Up Notification Form Incident Case ID 20120711-1530
Imported From: 100549#\Heersharepoint1\facilitysite%20documents\100549.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5893
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \\facilitysite documents\media107401\HTM_ 2012 10 15_OM Rpt_Oct 2012.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 8, 2013
Document No: 5895
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\HTM_ 1997 04 23_Site Char Prod Rec Rpt_HIES.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5897
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\HTM_ 2012 07 16_OM Rpt_May 2012.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5900
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\HTM_ 2012 08 16_OM Rpt_Aug 2012.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5902
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
Imported From: \facilitysite documents\media107401\HTM_ 2011 02 28_OM Rpt_Jan 2011.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5894
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy, Honolulu HI, 13-390 JN
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iHEER System - Documents

Date : Nov 8, 2013
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Imported From: \facilitysite documents\media107401\HTM_ 2011 10 30_OM Rpt_Sept 2011.pdf

iHEER System - Documents

Date : Nov 8, 2013
Document No: 5898
Type: Undetermined
Title: HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine Pier 30, 777 N Nimitz Hwy,

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Date :					Feb 13, 2014	
Document No:					5856	
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Title:					HEER Request for Information and EHE / EHMP for Chevron Honolulu Terminal Marine, Pier 30, 777 N Nimitz Hwy, Honolulu HI, Your File No EHA/HEER Office 13-390JN	
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Document No: 5843
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iHEER System - Documents

Date : Oct 30, 2000
Document No: 5874
Type: Undetermined
Title: Letter Report Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI
Imported From: 36631#\Heersharepoint1\facilitysite%20documents\36631.pdf

iHEER System - Documents

Date : Oct 30, 2001
Document No: 5884
Type: Undetermined
Title: Letter Report Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Marine, 777 N Nimitz Hwy, Honolulu HI Chevron Facility No 1319070 DOH Facility ID 9-101104
Imported From: 36632#\Heersharepoint1\facilitysite%20documents\36632.pdf

iHEER System - Locations Details

Locations ID: 817
Location Type: SC
Description: IES HNL Marine Terminal
Comment : EPO; PrimaryTemp ; ARC_STREET: 777 N Nimitz Hwy XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.873172 21.312539999999991)
Geometry:
 POINT (-157.873172 21.312539999999991)

iHEER System - Locations Details

Locations ID: 2278
Location Type: EHMP
Description: EHMP IES HTM Term-Interim
Comment : Methane Issues: LNAPL
Centroid: POINT (-157.87335121567452 21.312284229818797)
Geometry:
 POLYGON ((-157.87297854232807 21.313404408511445, -157.87438938427417 21.311515331836972, -157.87376174735707 21.311100531323589, -157.87227043915181 21.313154532038684, -157.87297854232807 21.313404408511445))

iHEER System - Locations Details

Locations ID: 8040
Location Type: SB
Description: IES Hnl Marine Terminal
Comment :
Centroid: POINT (-157.87334093760381 21.312282016822831)
Geometry:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.873172 21.312539999999991)
Updated On: 11/16/2021 5:19:33 PM
Coordinates: 21.312539999999991,-157.873172

iHEER System - Aliases

Name: Chevron Honolulu Terminal Marine

iHEER System - Aliases

Name: Island Energy Honolulu Marine Terminal

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: IES Honolulu Marine Terminal

iHEER System - Aliases

Name: 115

iHEER System - Aliases

Name: LTM

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: HTM

242	1 of 1	NW	0.73 / 3,862.46	3.28 / 0	Polynesian Hospitality 330 Pacific St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2642
Site Name (Public iHEER): Polynesian Hospitality
Aliases (Public iHEER): Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, PHT, Inc. dba Polynesian Hospitality, SLR 3.2ft Flooding
Street (Public iHEER): 330 Pacific St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		4/8/2020 4:31:32 PM				
Ms Access ID (Public iHEER):		791				
Suppl Loc (Public iHEER):		330 Pacific St				
Tax Map Keys (Public iHEER):		115010008				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2642				
Site Name (PORTAL):		Polynesian Hospitality				
Loc Desc (PORTAL):		330 Pacific St				
Address (PORTAL):		330 Pacific St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY SELECTED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2642/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

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Date : Jun 13, 1997
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Type: Undetermined
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Date : Jun 13, 1997
Document No: 48068
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iHEER System - Documents

Date : Jun 13, 1997
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iHEER System - Documents

Date : Jun 13, 1997
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Date : Jun 13, 1997
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iHEER System - Documents

Date : Jun 13, 1997
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48087
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48089
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iHEER System - Documents

Date : Jun 13, 1997
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iHEER System - Documents

Date : Jun 13, 1997
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Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48113			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
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Date :			Jun 13, 1997			
Document No:			48115			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707076 Element.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48117			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
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Date :			Jun 13, 1997			
Document No:			48119			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707223 Element Enviromental LLC.pdf			
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Date :			Jun 13, 1997			
Document No:			48121			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707234 Element Enviromental LLC.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 27, 1994			
Document No:			48062			
Type:			Undetermined			
Title:			Environmental Assessment at the Polynesian Hospitality 330 Pacific St, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Jul 12, 1991			
Document No:			48064			
Type:			Undetermined			
Title:			Environmental Assessment at the Polynesian Hospitality Facility, 330 Pacific St, Honolulu HI 96817			
Imported From:			39234#\Heersharepoint1\facilitysite%20documents\39234.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 1995			
Document No:			48060			
Type:			Undetermined			
Title:			Environmental Monitoring and Sampling Report Polynesian Hospitality 330 Pacific St, Honolulu HI 96817 TMK 1-5-10:08			
Imported From:			132568#\Heersharepoint1\facilitysite%20documents\132568.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48105			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707227 Element Enviromental LLC.pdf			

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Date :			Jun 13, 1997			
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Type:			Undetermined			
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Imported From:			\\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707075 Element.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48109			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
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Date :			Jun 13, 1997			
Document No:			48111			
Type:			Undetermined			
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Imported From:			\\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707078 Element Environmental.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 1995			
Document No:			48057			
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Title:			Environmental Monitoring and Sampling Report Polynesian Hospitality 330 Pacific St, Honolulu HI 96817 TMK 1-5-10:08			
Imported From:			132574#\Heersharepoint1\facilitysite%20documents\132574.pdf			
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Date :			Jul 13, 2000			
Document No:			183442			
Type:			Undetermined			
Title:			Honolulu Harbor Contaminated Area - Iwilei Section Kobayashi Hotel			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 17, 2000			
Document No:			48065			
Type:			Undetermined			
Title:			Honolulu Harbor Contamination Area - Iwilei Section Kobayashi Hotel			
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Date :			Oct 26, 1999			
Document No:			183444			
Type:			Undetermined			
Title:			Kokayashi Hotel Inc.			
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<u>iHEER System - Documents</u>						

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Date :			May 14, 1995			
Document No:			48061			
Type:			Undetermined			
Title:			Letter Report, Soil Excavation and Remediation Polynesian Hospitality 330 Pacific St, Honolulu HI 96817			
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Date :			Oct 29, 1999			
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Type:			Undetermined			
Title:			Point of Contact for Polynesian Hospitality			
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Date :			Oct 26, 1999			
Document No:			183443			
Type:			Undetermined			
Title:			Polynesian Hospitality			
Imported From:						
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Date :			Jun 12, 1997			
Document No:			48059			
Type:			Undetermined			
Title:			Polynesian Hospitality 330 Pacific St, Honolulu HI 96817			
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Date :			Jun 12, 1997			
Document No:			48056			
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Title:			Polynesian Hospitality 330 Pacific St, Honolulu HI 96817 (U.S.T)			
Imported From:			132573#\Heersharepoint1\facilitsite%20documents\132573.pdf			
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Date :			Oct 5, 1995			
Document No:			183441			
Type:			Undetermined			
Title:			Request for Information Honolulu Harbor			
Imported From:						
 <u>iHEER System - Documents</u>						
Date :			Dec 15, 1995			
Document No:			48123			
Type:			Undetermined			
Title:			Request for No Further Action			
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Date :			Oct 16, 1995			
Document No:			48125			
Type:			Undetermined			
Title:			Responses to Enclosure A, Requested Information Questions			
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 18, 2000
Document No: 48063
Type: Undetermined
Title: Tanknology Emergency Hotline Registration Form
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iHEER System - Documents

Date : Jan 6, 1995
Document No: 48124
Type: Undetermined
Title: UST Release Investigation Polynesian Hospitality, 330 Pacific St, Honolulu HI 96817, TMK 1-1-5-010-008, Hawaii DOH Facility ID 9-101379
Imported From: 39236#\Heersharepoint1\facilitiesite%20documents\39236.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48076
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media364\Media136838\MI_Groundwater_Soilgas Lab Reports\290849_level2_soil gas.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48078
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707226 Element Enviromental LLC.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48067
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media364\364 (Letter).pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48069
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48071
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media364\Media136838\MI_Groundwater_Soilgas Lab Reports\290606_RPTS_soil.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 13, 1997
Document No: 48073
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48075
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Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitysite documents\media364\Media136838\MI_Groundwater_Soilgas Lab Reports\291844_level2_water.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48077
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48080
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707220 Element Enviromental LLC.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48082
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
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iHEER System - Documents

Date : Jun 13, 1997
Document No: 48084
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707133 Element.pdf

iHEER System - Documents

Date : Jun 13, 1997
Document No: 48086
Type: Undetermined
Title: Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI
Imported From: \facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707240 Element Enviromental LLC.pdf

iHEER System - Documents

Date : Jun 13, 1997

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<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48090			
Type:			Undetermined			
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<u>iHEER System - Documents</u>						
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<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48094			
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Date :			Jun 13, 1997			
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Type:			Undetermined			
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Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707073 Element.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48100			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707132 Element.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707221 Element Enviromental LLC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48104			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48106			
Type:			Undetermined			
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Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707069 Element.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48108			
Type:			Undetermined			
Title:			Consultant Reports UST Removals Polynesian Hospitality 330 Pacific St, Honolulu HI			
Imported From:			\facilitysite documents\media364\Media136838\TSCA Discrete Soil Sample Lab Reports\1707072 Element.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 1997			
Document No:			48110			
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Date :						
Document No:			48022			
Type:			Undetermined			
Title:			20080104-0912 Polynesian Hospitality - 34 pics			
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Date :						
Document No:			48024			
Type:			Undetermined			
Title:			20080104-0912 Polynesian Hospitality - 34 pics			
Imported From:			\facilitysite documents\media63285\P1040056.JPG			
<u>iHEER System - Documents</u>						
Date :						
Document No:			48026			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: 20080104-0912 Polynesian Hospitality - 34 pics
Imported From: \facilitysite documents\media63285\P1040065.JPG

iHEER System - Documents

Date :
Document No: 48028
Type: Undetermined
Title: 20080104-0912 Polynesian Hospitality - 34 pics
Imported From: \facilitysite documents\media63285\P1040063.JPG

iHEER System - Documents

Date :
Document No: 48030
Type: Undetermined
Title: 20080104-0912 Polynesian Hospitality - 34 pics
Imported From: \facilitysite documents\media63285\P1040057.JPG

iHEER System - Documents

Date :
Document No: 48032
Type: Undetermined
Title: 20080104-0912 Polynesian Hospitality - 34 pics
Imported From: \facilitysite documents\media63285\P1040058.JPG

iHEER System - Locations Details

Locations ID: 1129
Location Type: SC
Description: 330 Pacific Street
Comment : Google Maps
Centroid: POINT (-157.871286 21.314833)
Geometry:

POINT (-157.871286 21.314833)

Site Details

Centroid: POINT (-157.871286 21.314833)
Updated On: 4/8/2020 4:31:32 PM
Coordinates: 21.314833,-157.871286

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		PHT, Inc. dba Polynesian Hospitality				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit OU3				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				

243	1 of 2	NW	0.73 / 3,862.60	3.28 / 0	Equilon Enterprises LLC Honolulu Terminal 789 N Nimitz Hwy Honolulu HI 96817	DELISTED SHWS
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Delisted HEER Sites of Interest

HID No:		Lead Agency:	HEER
Fac Registry ID:	110000486475	Project Manager:	Anna Fernandez
Assessment:	Response Necessary	Document Date:	
Response:	Response Ongoing	Document No:	
Resp Act Complete:		Island:	Oahu
Potential Haz/Ctrl:	Hazard Present	Loc State USPS Cd:	HI
Date Issued:		Loc ZIP Suffix:	
Priority:	Medium	Latitude:	21.313373
Engineer Control:		Longitude:	-157.872847
Institutional Control:			
Supplemental Location:	Aloha Petroleum Honolulu Terminal		
Within Design. Area Contam.:	Honolulu Harbor Iwilei Unit		
SDAR Enviro Interest Name:	Equilon Enterprises LLC Honolulu Terminal		
Program Full Name:	State		
Use Restrictions:	Controls Required to Manage Contamination		
Site Closure Document:			
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782		
Nature of Contamination:	Found: Subsurface petroleum contamination in soil and groundwater		
Nature of Residual Contam.:			
Description of Restrictions:			
Doc Subject:			
Program Designation:			
Data Source(s):			
Original Source:	SHWS		
Record Date:	27-SEP-2018		

243	2 of 2	NW	0.73 / 3,862.60	3.28 / 0	Aloha Petroleum Honolulu Terminal 789 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER):	921
Site Name (Public iHEER):	Aloha Petroleum Honolulu Terminal
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft, 115, Aloha Petroleum Terminal, Equilon Enterprises LLC Honolulu Terminal, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, LTM, Shell Honolulu Fuel Distribution Terminal
Street (Public iHEER):	789 N Nimitz Hwy
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96817
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Remedy In Place
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/21/2021 2:27:08 PM				
Ms Access ID (Public iHEER):		65				
Suppl Loc (Public iHEER):		789 N Nimitz Hwy, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115036001, 115036009, 115038002, 155037002				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		921				
Site Name (PORTAL):		Aloha Petroleum Honolulu Terminal				
Loc Desc (PORTAL):		789 N Nimitz Hwy, Honolulu, HI 96817				
Address (PORTAL):		789 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Iris van der Zander				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/921/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 18, 1998
Document No: 11749
Type: Undetermined
Title: 11/18/1998- Letter associated with Nov 6, 1998 GW Monitoring Report
Imported From: 73#\Heersharepoint1\facilitsite%20documents\73.pdf

iHEER System - Documents

Date : Jun 22, 2007
Document No: 11753
Type: Undetermined
Title: 1st Quarter 2007 groundwater Gauging Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI
Imported From: 37185#\Heersharepoint1\facilitsite%20documents\37185.pdf

iHEER System - Documents

Date : Jul 11, 2016
Document No: 11858
Type: Undetermined
Title: 2004 Indoor Air Sample Results, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, AECOM Project No 60406185
Imported From: \facilitsite documents\media120842\16HON-025.pdf

iHEER System - Documents

Date : Jul 10, 2007
Document No: 4096
Type: Undetermined
Title: 2nd Quarter 2007 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI
Imported From: \facilitsite documents\media37186\Part 2.pdf

iHEER System - Documents

Date : Jul 10, 2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			4095			
Type:			Undetermined			
Title:			2nd Quarter 2007 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
Imported From:			\\facilitysite documents\media37186\Part 1.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 2002			
Document No:			4091			
Type:			Undetermined			
Title:			Semi Annual Groundwater Monitoring Report, Equilon Enterprises Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
Imported From:			37177#\Heersharepoint1\facilitysite%20documents\37177.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 28, 2001			
Document No:			11860			
Type:			Undetermined			
Title:			Semi Annual Groundwater Monitoring Report, Equilon Enterprises Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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Date :			Sep 13, 2002			
Document No:			4092			
Type:			Undetermined			
Title:			Semi Annual Groundwater Monitoring Report, Shell Oil, U.S.A.'s Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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Date :			May 12, 1993			
Document No:			4099			
Type:			Undetermined			
Title:			Semi Annual Groundwater Monitoring Shell Oil Company Honolulu Distribution Terminal			
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Date :			Feb 22, 2012			
Document No:			11736			
Type:			Undetermined			
Title:			Semi Annual Groundwater Monitoring-4th Quarter 2011			
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Date :			Oct 14, 2009			
Document No:			11793			
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Title:			Semi-Annual 2009 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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Date :			Jun 16, 2010			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			11797			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report and System Operation Summary, 2nd Quarter 2010, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
Imported From:			91458#\Heersharepoint1\facilitysite%20documents\91458.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 12, 2011			
Document No:			11770			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report and System Operations Summary - 2nd Quarter 2011, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Aug 12, 2011			
Document No:			11771			
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Title:			Semi-Annual Groundwater Monitoring Report and System Operations Summary - 2nd Quarter 2011, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Nov 13, 2009			
Document No:			11796			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report and System Operations Summary 3rd Quarter 2009, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
Imported From:			facilitysite documents\media61642\2009-11-13_Semi-Annual GWM ReportandSystem OandM Report (3Q09).pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2010			
Document No:			11799			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report and System Operations Summary, 3rd Quarter 2010, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Sep 6, 2012			
Document No:			11781			
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Title:			Semi-Annual Groundwater Monitoring Report, 2nd Quarter 2012, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
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Date :			Sep 6, 2012			
Document No:			11849			
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Title:			Semi-Annual Groundwater Monitoring Report, 2Q2012			
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Date :		Feb 19, 2013				
Document No:		11851				
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Date :		May 3, 2013				
Document No:		11896				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Report, Dec 2012 to May 2013, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Jul 28, 2008				
Document No:		17031				
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Title:		2nd Quarter 2008 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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<u>iHEER System - Documents</u>						
Date :		Jan 11, 2008				
Document No:		14288				
Type:		Undetermined				
Title:		3rd Quarter 2007 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Nov 25, 2008				
Document No:		19451				
Type:		Undetermined				
Title:		3rd Quarter 2008 Groundwater Monitoring System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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<u>iHEER System - Documents</u>						
Date :		Nov 25, 2008				
Document No:		19452				
Type:		Undetermined				
Title:		3rd Quarter 2008 Groundwater Monitoring System Operations Summary, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Apr 18, 2019				
Document No:		171251				
Type:		Monitoring Report				
Title:		ANNUAL MONITORING REPORT FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL 789 NORTH NIMITZ HIGHWAY HONOLULU, HAWAII				
Imported From:						

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Date :			Apr 17, 2017			
Document No:			11761			
Type:			Undetermined			
Title:			Approval of Sub-Slab Soil Vapor Investigation Work Plan, dated Mar 31, 2017, by AECOM			
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<u>iHEER System - Documents</u>						
Date :			Jun 5, 1997			
Document No:			11767			
Type:			Undetermined			
Title:			Comments 6 Agreement			
Imported From:			1997-205#Q:\1997 Final Correspondence (Day File)\97-205-BH.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2008			
Document No:			11897			
Type:			Undetermined			
Title:			Comments on "3rd Quarter 2008 Groundwater Monitoring Report and System Operations Summary", Nov 25, 2008, prepared by Delta			
Imported From:			2008-896#Q:\2008 Final Correspondence (Day File)\08-896-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 25, 2017			
Document No:			14280			
Type:			Comment Letter			
Title:			Comments on Semiannual Sub-Slab Soil Vapor Investigation, dated Sep, 2017, by AECOM			
Imported From:			2017-292#Q:\2017 Final Correspondence (Day File)\17-292 IV.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 22, 2014			
Document No:			11854			
Type:			Undetermined			
Title:			Conceptual Site Model and EHE Former Shell Honolulu Fuel Distribution Terminal, Honolulu HI			
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Date :			Jul 11, 2016			
Document No:			4083			
Type:			Undetermined			
Title:			Draft Indoor Air Quality Survey, Shell Honolulu Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, File No 09876-139-02			
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<u>iHEER System - Documents</u>						
Date :			Jul 20, 2015			
Document No:			11779			
Type:			Undetermined			
Title:			EHMP Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii Jul 2015			
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Date :			Dec 5, 2000			

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Date :		Jan 22, 2015				
Document No:		11901				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Jul 29, 2014				
Document No:		11775				
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Title:		Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Jul 6, 2015				
Document No:		4086				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI, URS Project No 29500390.00100				
Imported From:		facilitiesite documents\media115175\15HON-031.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 6, 2015				
Document No:		4087				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI, URS Project No 29500390.00100				
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<u>iHEER System - Documents</u>						
Date :		Feb 5, 2014				
Document No:		11757				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring Report, Jun 2013 to Nov 2013, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI, URS Project No 29500686.201301				
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Date :		Feb 15, 2017				
Document No:		11747				
Type:		Undetermined				
Title:		Semi-Annual Groundwater Monitoring, Former Shell Honolulu Fuel Distribution Terminal, Nov 2016 Event				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No:			11789			
Type:			Undetermined			
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<u>iHEER System - Documents</u>						
Date :			May 30, 2023			
Document No:			201875			
Type:			Monitoring Report			
Title:			Semi-Annual Vapor Monitoring - Aloha Petroleum, LLC (Aloha) Honolulu Fuel Distribution Terminal			
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Date :			Jul 20, 2015			
Document No:			11778			
Type:			Undetermined			
Title:			EHMP Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii Jul 2015			
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<u>iHEER System - Documents</u>						
Date :			Aug 24, 2015			
Document No:			11755			
Type:			Interim EHMP			
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Document No:			11754			
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Date :			Mar 31, 2015			
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Date :			Dec 5, 1989			
Document No:			11748			
Type:			Undetermined			
Title:			Equilon Enterprises LLC Honolulu Terminal			
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Date :			Nov 6, 1998			
Document No:			11762			
Type:			Undetermined			
Title:			Equiva Services LLC Groundwater Monitoring Progress Report, Equilon's Honolulu Fuel Distribution Terminal, 789			

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Date :					Jun 30, 1999	
Document No:					11862	
Type:					Undetermined	
Title:					Equiva Services LLC Groundwater Monitoring Progress Report, Equilon's Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI	
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<u>iHEER System - Documents</u>						
Date :					Dec 21, 2009	
Document No:					11795	
Type:					Undetermined	
Title:					HDOH comments on "Semi-Annual 2009 Groundwater Monitoring Report and System Operations Summary", Oct 14, 2009 and "Semi- Annual Groundwater Monitoring Report 3rd Quarter 2009", Nov 13, 2009	
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<u>iHEER System - Documents</u>						
Date :					Feb 11, 1992	
Document No:					11760	
Type:					Undetermined	
Title:					Installation of Groundwater Monitoring Network and Free-Product Recovery System Shell Distribution Terminal, Honolulu HI	
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Date :					Feb 12, 2018	
Document No:					11777	
Type:					Undetermined	
Title:					Semiannual Groundwater Monitoring - Nov 2017 Event Former Shell Honolulu Fuel Distribution Terminal, Nov 2017 AECOM Project No 60406185	
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Date :					Aug 18, 2016	
Document No:					11888	
Type:					Undetermined	
Title:					Semiannual Groundwater Monitoring Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185.29500390.00100	
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Date :					Sep 1, 2017	
Document No:					11867	
Type:					Undetermined	
Title:					Semiannual Groundwater Monitoring Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185.29500390.00100	
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<u>iHEER System - Documents</u>						
Date :					Sep 1, 2017	
Document No:					11868	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Feb 15, 2017				
Document No:		11741				
Type:		Undetermined				
Title:		Semiannual Groundwater Monitoring Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185.29500390.00100, Feb 15, 2017				
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<u>iHEER System - Documents</u>						
Date :		Mar 21, 2016				
Document No:		11857				
Type:		Undetermined				
Title:		Semiannual Groundwater Monitoring Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI				
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Date :		Aug 18, 2016				
Document No:		4079				
Type:		Undetermined				
Title:		Semiannual Groundwater Monitoring, Former Shell Honolulu Fuel Distribution Termin, 789 N Nimitz Hwy, Honolulu Hawaii, AECOM Project No 60406185.29500390.00100				
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Date :		Feb 12, 2018				
Document No:		11785				
Type:		Undetermined				
Title:		Semiannual Groundwater Monitoring, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, AECOM Project No 60406185				
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<u>iHEER System - Documents</u>						
Date :		Feb 12, 2018				
Document No:		11784				
Type:		Undetermined				
Title:		Semiannual Groundwater Monitoring, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, AECOM Project No 60406185				
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<u>iHEER System - Documents</u>						
Date :		Aug 10, 2021				
Document No:		180732				
Type:		Monitoring Report				
Title:		SEMIANNUAL MONITORING REPORT 1st Half 2021 Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway Honolulu, Hawaii 96817				
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Document No:			202955			
Type:			Undetermined			
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Date :			Oct 19, 2012			
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Document No:			201876			
Type:			Monitoring Report			
Title:			LNAPL Recovery June 2023			
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Date :			Apr 17, 2020			
Document No:			174445			
Type:			Monitoring Report			
Title:			May 2020 Methane Mitigation Event Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii 96817 Tax Map Key 1-5-037:002 AECOM Project No. 60406185			
Imported From:						
 <u>iHEER System - Documents</u>						
Date :			Feb 10, 2020			
Document No:			173043			
Type:			Monitoring Report			
Title:			METHANE MITIGATION AND SEMIANNUAL MONITORING REPORT FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL 789 NORTH NIMITZ HIGHWAY HONOLULU, HAWAII			
Imported From:						
 <u>iHEER System - Documents</u>						
Date :			Jul 19, 2019			
Document No:			171175			
Type:			Site Characterization Work Plan			
Title:			METHANE MITIGATION PLAN FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL HONOLULU, HAWAII Shell Oil Products US 20945 South Wilmington Avenue Carson, CA 90810 July			
Imported From:						
 <u>iHEER System - Documents</u>						
Date :			Sep 22, 2020			
Document No:			176719			
Type:			Undetermined			
Title:			Project Transition Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii 96817 Tax Map Key 1-5-037:002			
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Date :		Mar 13, 2023				
Document No:		200504				
Type:		Monitoring Report				
Title:		Quarterly Light, Nonaqueous Phase Liquid (LNAPL) Recovery - Aloha Petroleum, LLC (Aloha) Honolulu Fuel Distribution Terminal				
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Date :		May 2, 2018				
Document No:		11790				
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Title:		Reducing Frequency of Groundwater Monitoring and Groundwater Analytes Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185_cover				
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Date :		May 2, 2018				
Document No:		11792				
Type:		Undetermined				
Title:		Request to Reducing Frequency of Groundwater Monitoring and Groundwater Analytes Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185				
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Date :		Jul 25, 2018				
Document No:		4078				
Type:		Comment Letter				
Title:		Request to Reducing Frequency of Groundwater Monitoring and Groundwater Analytes, dated May 2, 2018, by AECOM				
Imported From:		2018-227#Q:\2018 Final Correspondence (Day File)\18-227 IV.PDF				
 <u>iHEER System - Documents</u>						
Date :		Jun 29, 2015				
Document No:		11788				
Type:		Undetermined				
Title:		Response to "Review of EHMP, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI, URS Project/Reference #29500390				
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 <u>iHEER System - Documents</u>						
Date :		Oct 30, 2019				
Document No:		171905				
Type:		Undetermined				
Title:		Response to DOH Comments on Revised Methane Mitigation Plan Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii AECOM Project No. 60406185				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No:			171906			
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Title:			Response to DOH Comments on Revised Methane Mitigation Plan Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii AECOM Project No. 60406185_submittal			
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<u>iHEER System - Documents</u>						
Date :			Jun 14, 2016			
Document No:			11870			
Type:			Undetermined			
Title:			Response to DOH Comments, Apr 22, 2014 Conceptual Site Model and EHE, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project/Reference No 29500765			
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<u>iHEER System - Documents</u>						
Date :			Aug 10, 2021			
Document No:			181050			
Type:			Monitoring Report			
Title:			SEMIANNUAL MONITORING REPORT 1st Half 2021 Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway Honolulu, Hawaii 96817_redacted			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2021			
Document No:			180731			
Type:			Monitoring Report			
Title:			SEMIANNUAL MONITORING REPORT 1st Half 2021 Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway Honolulu, Hawaii 96817_submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2022			
Document No:			202983			
Type:			Monitoring Report			
Title:			SEMIANNUAL MONITORING REPORT 1st Half 2022 Aloha Petroleum Honolulu Fuel Distribution Terminal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 22, 2022			
Document No:			183648			
Type:			Monitoring Report			
Title:			SEMIANNUAL MONITORING REPORT 2nd Half 2021 Aloha Petroleum - Honolulu Fuel Distribution Terminal 789 North Nimitz Highway Honolulu, Hawaii 96817			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 17, 2023			
Document No:			203082			
Type:			Monitoring Report			
Title:			SEMIANNUAL MONITORING REPORT 2nd Half 2022 Aloha Petroleum - Honolulu Fuel Distribution Terminal			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 30, 2020
Document No: 175876
Type: Monitoring Report
Title: SEMIANNUAL MONITORING REPORT FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL 789 NORTH NIMITZ HIGHWAY HONOLULU, HAWAII 96817
Imported From:

iHEER System - Documents

Date : Dec 16, 2020
Document No: 178167
Type: Monitoring Report
Title: SEMIANNUAL MONITORING REPORT FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL 789 NORTH NIMITZ HIGHWAY HONOLULU, HAWAII 96817
Imported From:

iHEER System - Documents

Date : Dec 16, 2020
Document No: 178166
Type: Monitoring Report
Title: SEMIANNUAL MONITORING REPORT FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL 789 NORTH NIMITZ HIGHWAY HONOLULU, HAWAII 96817_submittal
Imported From:

iHEER System - Documents

Date : Mar 14, 1996
Document No: 4082
Type: Undetermined
Title: Shell Oil Company Groundwater Monitoring Progress Report, Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI
Imported From: 37178#\Heersharepoint1\facilitiesite%20documents\37178.pdf

iHEER System - Documents

Date : Oct 12, 1993
Document No: 11764
Type: Undetermined
Title: Shell Oil Company Groundwater Monitoring Progress Report, Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI
Imported From: 37168#\Heersharepoint1\facilitiesite%20documents\37168.pdf

iHEER System - Documents

Date : Dec 1, 1992
Document No: 4074
Type: Undetermined
Title: Shell Oil Company Semi-Annual Groundwater Monitoring Honolulu Fuel Distribution Terminal, Honolulu HI
Imported From: 37171#\Heersharepoint1\facilitiesite%20documents\37171.pdf

iHEER System - Documents

Date : Dec 2, 1992
Document No: 14292
Type: Undetermined
Title: Shell Oil Company Semi-Annual Groundwater Monitoring Honolulu Fuel Distribution Terminal, Honolulu HI
Imported From: 37170#\Heersharepoint1\facilitiesite%20documents\37170.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Mar 25, 1986			
Document No:			11737			
Type:			Undetermined			
Title:			Shell Oil Honolulu Plant Groundwater			
Imported From:			1235#\Heersharepoint1\facilitiesite%20documents\1235.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 3, 2004			
Document No:			4094			
Type:			Undetermined			
Title:			Soil Sampling and Chemical Analyses Report, Tank 5 Honolulu Distribution Terminal, Honolulu HI File No 09876-139-02			
Imported From:			37183#\Heersharepoint1\facilitiesite%20documents\37183.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 3, 2004			
Document No:			8281			
Type:			Undetermined			
Title:			Soil Sampling and Chemical Analyses Report, Tank 5 Honolulu Distribution Terminal, Honolulu HI File No 09876-139-02			
Imported From:			1844#\Heersharepoint1\facilitiesite%20documents\1844.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 7, 2014			
Document No:			11783			
Type:			Undetermined			
Title:			Response to DOH Comments, Conceptual Site Model and EHE, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI			
Imported From:			110533#\Heersharepoint1\facilitiesite%20documents\110533.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 17, 2019			
Document No:			171741			
Type:			Comment Letter			
Title:			Response to Submitted Revised Methane Mitigation Plan Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii AECOM Project No. 60406185			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 2, 2020			
Document No:			176734			
Type:			Undetermined			
Title:			Response to: Project Transition Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii 96817 Tax Map Key 1-5-037:002			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2017			
Document No:			11768			
Type:			Undetermined			
Title:			Sub-Slab Soil Vapor Investigation Work Plan Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185			
Imported From:			\facilitiesite documents\media125822\2017-03-31 Hon Term Soil Vapor WP.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Mar 31, 2017	
Document No:					11769	
Type:					Undetermined	
Title:					Sub-Slab Soil Vapor Investigation Work Plan Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii AECOM Project No 60406185	
Imported From:					facilitysite documents\media125822\125822.pdf	
<u>iHEER System - Documents</u>						
Date :					May 7, 1997	
Document No:					14283	
Type:					Undetermined	
Title:					Tank Closure Report Closure of One 2,000-Gallon Gasoline UST Aloha Petroleum Ltd 739 N Nimitz Hwy, Honolulu HI DOH Facility ID 9-101194	
Imported From:					36184#\Heersharepoint1\facilitysite%20documents\36184.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2020	
Document No:					173595	
Type:					Letter from PRP	
Title:					To DOT-Notification of Subsurface Methane Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Feb 7, 2008	
Document No:					19304	
Type:					Undetermined	
Title:					Review of "3rd Quarter 2007 Groundwater Monitoring Report and System Operations Summary, Honolulu HI Distribution Terminal" Report, 01/11/08, prepared by Delta Environmental Consultants, Inc	
Imported From:					2008-066#Q:\2008 Final Correspondence (Day File)\08-066-AF (2).pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 29, 2014	
Document No:					11855	
Type:					Undetermined	
Title:					Review of "Conceptual Site Model and EHE, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii", Apr 22, 2014, by URS	
Imported From:					2014-188#Q:\2014 Final Correspondence (Day File)\14-188-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 29, 2015	
Document No:					14281	
Type:					Undetermined	
Title:					Review of "EHMP, Former Shell Honolulu Fuel Distribution Terminal 789 N Nimitz Hwy, Honolulu Hawaii", Mar 31, 2015, by URS Corporation	
Imported From:					2015-191#Q:\2015 Final Correspondence (Day File)\15-191-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 6, 2016	
Document No:					4075	
Type:					Undetermined	
Title:					Review of "LNAPL Transmissivity Results and Evaluation Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy", dated Aug 16, 2016, by AECOM	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2016-509#Q:\2016 Final Correspondence (Day File)\16-509 IV.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 16, 2015					
Document No:	11893					
Type:	Undetermined					
Title:	Review of "Response to Review of EHMP, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii", Jun 29, 2015, by URS					
Imported From:		2015-455#Q:\2015 Final Correspondence (Day File)\15-455-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 1, 2011					
Document No:	11740					
Type:	Undetermined					
Title:	Review of "Semi-Annual Groundwater Monitoring Report and System Operations Summary", Sep 30, 2010 by Delta Consultants					
Imported From:		2011-119#Q:\2011 Final Correspondence (Day File)\11-119-KO.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 11, 2014					
Document No:	11850					
Type:	Undetermined					
Title:	Review of "Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal 789 N Nimitz Hwy, Honolulu Hawaii", Jul 29, 2014, by URS					
Imported From:		2014-381#Q:\2014 Final Correspondence (Day File)\14-381-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 3, 2015					
Document No:	11902					
Type:	Undetermined					
Title:	Review of "Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii", Jan 22, 2015, by URS					
Imported From:		2015-064#Q:\2015 Final Correspondence (Day File)\15-064-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 15, 2015					
Document No:	11787					
Type:	Undetermined					
Title:	Review of "Semi-Annual Groundwater Monitoring Report, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii", Jul 2, 2015, by URS					
Imported From:		2015-450#Q:\2015 Final Correspondence (Day File)\15-450-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 25, 2013					
Document No:	11856					
Type:	Undetermined					
Title:	Review of "Semi-Annual Groundwater Monitoring Report-4th Quarter 2012, Honolulu HI Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI"					
Imported From:		2013-110#Q:\2013 Final Correspondence (Day File)\13-110-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 8, 2013					
Document No:	11890					
Type:	Undetermined					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Review of "Semi-Annual Groundwater Monitoring Report-Dec 2013 to May 2013, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI"	
Imported From:					2013-417#Q:\2013 Final Correspondence (Day File)\13-417-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 11, 2014	
Document No:					14282	
Type:					Undetermined	
Title:					Review of "Semi-Annual Groundwater Monitoring Report-Jun 2013 to Nov 2013, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy, Honolulu HI"	
Imported From:					2014-077#Q:\2014 Final Correspondence (Day File)\14-077-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 25, 2016	
Document No:					11742	
Type:					Undetermined	
Title:					Review of "Semiannual Groundwater Monitoring, Former Shell Honolulu Fuel Distribution Terminal, 789 N Nimitz Hwy", dated Aug 16, 2016, by AECOM, AECOM Project No 60406185.29500390.00100	
Imported From:					2016-542#Q:\2016 Final Correspondence (Day File)\16-542-IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 12, 2016	
Document No:					19177	
Type:					Undetermined	
Title:					Review of CSM & EHE and Review of Previous Responses to Comments	
Imported From:					2016-049#Q:\2016 Final Correspondence (Day File)\16-049-IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 1, 2016	
Document No:					11869	
Type:					Undetermined	
Title:					Review of EHMP and RTCs to comments	
Imported From:					2016-101#Q:\2016 Final Correspondence (Day File)\16-101 IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 9, 2016	
Document No:					11889	
Type:					Undetermined	
Title:					Review of Responses to DOH Comments Apr 22, 2014 (EHE/CSM) and Response to Letter "2004 Indoor Air Sampling"	
Imported From:					2016-415#Q:\2016 Final Correspondence (Day File)\16-415 IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 25, 2017	
Document No:					11895	
Type:					Undetermined	
Title:					Review of Semiannual Groundwater Monitoring Report, Former Shell Honolulu Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, dated Aug 2017, by AECOM	
Imported From:					2017-308#Q:\2017 Final Correspondence (Day File)\17-308 IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2020	
Document No:					173599	
Type:					Undetermined	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: To IES: Notification of Subsurface Methane Former Shell Honolulu Fuel Distribution Terminal 789 North Nimitz Highway, Honolulu, Hawaii

Imported From:

iHEER System - Documents

Date : Apr 17, 2017
Document No: 11794
Type: Undetermined
Title: Review of Semiannual Groundwater Monitoring Report, Former Shell Honolulu Distribution Terminal, 789 N Nimitz Hwy, Honolulu Hawaii, dated Feb 2017, by AECOM
Imported From: 2017-115#Q:\2017 Final Correspondence (Day File)\17-115 IV.pdf

iHEER System - Documents

Date : Apr 25, 2022
Document No: 184216
Type: Comment Letter
Title: Review of: 1st and 2nd Half Semiannual Monitoring Report 2021, Former Shell Honolulu Fuel Distribution Terminal, 789 North Nimitz Highway, Honolulu, Hawaii 96817
Imported From:

iHEER System - Documents

Date : Mar 30, 2019
Document No: 11863
Type: Environmental Hazard Evaluation Report
Title: Revised Conceptual Site Model and Environmental Hazard Evaluation
Imported From: \facilitysite documents\media136974\HNN-N40V-MJPAH-v1-COR.pdf

iHEER System - Documents

Date : Oct 9, 2019
Document No: 171613
Type: Undetermined
Title: REVISED METHANE MITIGATION PLAN FORMER SHELL HONOLULU FUEL DISTRIBUTION TERMINAL HONOLULU, HAWAII
Imported From:

iHEER System - Locations Details

Locations ID: 784
Location Type: SC
Description: Honolulu Terminal
Comment : EPO; PrimaryTemp ; ARC_STREET: 739 N Nimitz Hwy XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.874055 21.312788000000005)
Geometry:
 POINT (-157.874055 21.312788000000005)

iHEER System - Locations Details

Locations ID: 3920
Location Type: EHMP
Description: EHMP Term-Interim, Draft
Comment : Terminal
Centroid: POINT (-157.87388485461548 21.312837378533164)
Geometry:
 POLYGON ((-157.87298077528834 21.31339633285598, -157.87342870419687 21.312756648202022, -157.8739517349581 21.312059488707376, -157.87471348231614 21.312579235168297, -157.874168993884 21.313288886018931, -157.87376398032632 21.313353853883374,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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-157.87314170783372 21.31345380438804, -157.87305587714107 21.313436313054577, -157.87298077528834 21.31339633285598))

Site Details

Centroid: POINT (-157.874055 21.312788000000005)
Updated On: 9/21/2021 2:27:08 PM
Coordinates: 21.312788000000005,-157.874055

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 115

iHEER System - Aliases

Name: LTM

iHEER System - Aliases

Name: Aloha Petroleum Terminal

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Shell Honolulu Fuel Distribution Terminal

iHEER System - Aliases

Name: Equilon Enterprises LLC Honolulu Terminal

iHEER System - Aliases

Name: Honolulu Harbor

244	1 of 1	ENE	0.74 / 3,881.18	39.60 / 36	Royal Elementary School Building Exterior Soils 1519 Queen Emma St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2942
Site Name (Public iHEER): Royal Elementary School Building Exterior Soils
Aliases (Public iHEER): DOE Oahu Elementary Schools Building Exterior Soils
Street (Public iHEER): 1519 Queen Emma St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		11/10/2021 4:59:09 PM				
Ms Access ID (Public iHEER):						
Suppl Loc (Public iHEER):		1519 Queen Emma St, Honolulu, HI 96813, USA				
Tax Map Keys (Public iHEER):		121020001				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2942				
Site Name (PORTAL):		Royal Elementary School Building Exterior Soils				
Loc Desc (PORTAL):		1519 Queen Emma St, Honolulu, HI 96813, USA				
Address (PORTAL):		1519 Queen Emma St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2942/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Locations Details

Locations ID: 4310
Location Type: SC
Description:
Comment : Google Maps
Centroid: POINT (-157.853622 21.311806000000015)
Geometry:

POINT (-157.853622 21.311806000000015)

iHEER System - Locations Details

Locations ID: 6405
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.85362789422078 21.31183289457551)
Geometry:

POLYGON ((-157.85426975347673 21.312135839882707, -157.85378963806633 21.311058859950624, -157.85336853125324
 21.311286250802787, -157.8531700477815 21.311453670216181, -157.85309226372104 21.311618590646123, -157.85305739500242
 21.311801002420307, -157.85316736557374 21.312073370265178, -157.8534892306555 21.312570627687411, -157.85426975347673
 21.312135839882707))

Site Details

Centroid: POINT (-157.853622 21.311806000000015)
Updated On: 11/10/2021 4:59:09 PM
Coordinates: 21.311806000000015,-157.853622

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: DOE Oahu Elementary Schools Building Exterior Soils

245	1 of 1	SSE	0.74 / 3,884.61	3.28 / 0	Kakaako Brownfield Project-Unit 3 160 Ahui St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 295
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 3
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 3, Kakaako Makai, Kakaako Makai District Parking Garage-Unit 1and 3
Street (Public iHEER): 160 Ahui St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Needed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 480
Suppl Loc (Public iHEER): 160 Ahui St
Tax Map Keys (Public iHEER): 121060005, 121060026
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 295
Site Name (PORTAL): Kakaako Brownfield Project-Unit 3
Loc Desc (PORTAL): 160 Ahui St
Address (PORTAL): 160 Ahui St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY NEEDED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/295/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 2006
Document No: 15000
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Locations Details

Locations ID: 1706
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; ARC_STREET: 160 Ahui St XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.860543 21.293599999999998)
Geometry:

POINT (-157.860543 21.293599999999998)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.860543 21.293599999999998)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.293599999999998,-157.860543

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 3

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Kakaako Makai District Parking Garage-Unit 1 and 3

iHEER System - Aliases

Name: Kakaako Makai

246	1 of 1	E	0.74 / 3,887.73	13.12 / 10	801 South Hotel Street 801 S Hotel St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 2701
Site Name (Public iHEER): 801 South Hotel Street
Aliases (Public iHEER): Brownfields Medium Priority Site
Street (Public iHEER): 801 S Hotel St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2252
Suppl Loc (Public iHEER): 801 S Hotel St
Tax Map Keys (Public iHEER): 121042008
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2701
Site Name (PORTAL): 801 South Hotel Street
Loc Desc (PORTAL): 801 S Hotel St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (PORTAL):		801 S Hotel St Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2701/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 14, 2013
Document No: 147928
Type: Review Letter
Title: Comments for AAI based on review of the Phase II Environmental Investigation, 801 S Hotel St, Honolulu, Oahu HI
Imported From: 13-542-CMM.pdf

iHEER System - Documents

Date : May 19, 1989
Document No: 147926
Type: Undetermined
Title: Follow-up to letter, Abandonment of UST Approval
Imported From: media111286\20141105153749218.pdf

iHEER System - Documents

Date : May 17, 2013
Document No: 147924
Type: Phase I Environmental Site Assessment
Title: Phase I ESA with Hazardous Material Survey, 801 S Hotel St, Honolulu, Oahu HI
Imported From: 106488.pdf

iHEER System - Documents

Date : Jul 19, 2013
Document No: 147927
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Investigation, 801 S Hotel St, Honolulu, Oahu HI
Imported From: 106489.pdf

iHEER System - Documents

Date : Sep 9, 2013
Document No: 147925
Type: Undetermined
Title: Transmittal of Reports for the Property located at 801 S Hotel St (TMK 1-2-1-042-008, Honolulu, Oahu HI
Imported From: 106487.pdf

iHEER System - Locations Details

Locations ID: 2294
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.851687 21.303351999999997)
Geometry:

POINT (-157.851687 21.303351999999997)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 10667
Location Type: SB
Description: Site boundary
Comment : From TMK
Centroid: POINT (-157.85176334381882 21.303312347527179)
Geometry:

POLYGON ((-157.85194851537915 21.303153334643611, -157.85183586260004 21.303113351646989, -157.85157837053106 21.303463202503057, -157.85169638772561 21.303510682198, -157.85194851537915 21.303153334643611))

Site Details

Centroid: POINT (-157.851687 21.303351999999997)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.303351999999997,-157.851687

iHEER System - Aliases

Name: Brownfields Medium Priority Site

247	1 of 1	SSE	0.74 / 3,894.82	3.28 / 0	Kakaako Brownfield Project-Unit 6 1011 Ala Moana Blvd Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 298
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 6
Aliases (Public iHEER): Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 6, Kakaako Makai, Kakaako Makai District Units 6 and 7
Street (Public iHEER): 1011 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 483
Suppl Loc (Public iHEER): 1011 Ala Moana Blvd
Tax Map Keys (Public iHEER): 121058095, 121058129
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 298
Site Name (PORTAL): Kakaako Brownfield Project-Unit 6
Loc Desc (PORTAL): 1011 Ala Moana Blvd
Address (PORTAL): 1011 Ala Moana Blvd
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/298/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Dec 28, 2004
Document No: 9259
Type: Undetermined
Title: Draft Final SAP for the Kakaako Unit 6 and Unit 7
Imported From: 38402#\Heersharepoint1\facilitiesite%20documents\38402.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 15003
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Documents

Date : Aug 27, 1992
Document No: 9265
Type: Undetermined
Title: Report Preliminary ESA Kewalo Project, TMK 1-2-1-058-001, 020, 052, 065, and 095 (Phase I), 002 and 035 (Phase IIA), Honolulu HI
Imported From: 38398#\Heersharepoint1\facilitiesite%20documents\38398.pdf

iHEER System - Documents

Date : Mar 11, 1998
Document No: 31237
Type: Undetermined
Title: Soil and Groundwater Report Kakaako Makai Ward Ave Extension, Honolulu HI
Imported From: 38400#\Heersharepoint1\facilitiesite%20documents\38400.pdf

iHEER System - Documents

Date : Jun 29, 1999
Document No: 31236
Type: Undetermined
Title: UST, Contaminated Soil, and Water Removal and Disposal Associated With UST Locations A & B
Imported From: 38401#\Heersharepoint1\facilitiesite%20documents\38401.pdf

iHEER System - Locations Details

Locations ID: 1006
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; ARC_STREET: 1011 Ala Moana Blvd XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.858308 21.294211999999998)
Geometry:

POINT (-157.858308 21.294211999999998)

Site Details

Centroid: POINT (-157.858308 21.294211999999998)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.294211999999998,-157.858308

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		Brownfields Funded				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Brownfield Project				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Makai				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Brownfield Project - Unit 6				
<u>iHEER System - Aliases</u>						
Name:		Kakaako Makai District Units 6 and 7				

[248](#)

1 of 1

N

**0.74 /
3,909.32**

**6.56 /
3**

**524 Kaaahi Street
524 Kaaahi St
Honolulu HI 96817**

SHWS

iHEER ID (Public iHEER): 90
Site Name (Public iHEER): 524 Kaaahi Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site
Street (Public iHEER): 524 Kaaahi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 3049
Suppl Loc (Public iHEER): 524 Kaaahi St
Tax Map Keys (Public iHEER): 115007033
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 90
Site Name (PORTAL): 524 Kaaahi Street
Loc Desc (PORTAL): 524 Kaaahi St
Address (PORTAL): 524 Kaaahi St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Lynn Bailey				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/90/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2019				
Document No:		166035				
Type:		Review Letter				
Title:		Review of Environmental Hazard Management Plan, 524 Kaaahi Street, Honolulu Hawaii, TMK (1) 1-5-007: 033, dated February 25, 2019				
Imported From:		19-085-lmb.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 4, 2019				
Document No:		166033				
Type:		Environmental Hazard Management Plan				
Title:		Revised Draft EHE EHMP and RTC 524 Kaaahi Street				
Imported From:		media135430\1812-00746-CSL Kaaahi EHE and EHMP.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 4, 2019				
Document No:		166034				
Type:		Response to Comments				
Title:		Revised Draft EHE EHMP and RTC 524 Kaaahi Street				
Imported From:		media135430\Copy of 524 Kaaahi Comments and Responses EHE EHMP.xlsx				
<u>iHEER System - Documents</u>						
Date :		Mar 13, 2019				
Document No:		19512				
Type:		IC Inspection Report				
Title:		524 Kaaahi Street EHMP Institutional Controls Env Cap Assessment				
Imported From:		media136934\524 Ka'aahi Street EHMP Institutional Controls Env Cap Assessment 031319-v1.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 15, 2019				
Document No:		166038				
Type:		Undetermined				
Title:		Cover Letter for Environmental Hazard Evaluation and Environmental Hazard Management Plan Review. Enpro Project Number: 1812-00746-CSL				
Imported From:		media135178\135178.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 4, 2019				
Document No:		166039				
Type:		Environmental Hazard Management Plan				
Title:		Environmental Hazard Evaluation and Environmental Hazard Management Plan Review. Enpro Project Number: 1812-00746-CSL				
Imported From:		media135178\1812-00746-CSL Kaaahi EHE.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 27, 2018				
Document No:		166030				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Site Characterization Report
Title: Groundwater, Soil Vapor, and Discrete Soil Sampling and Analysis, 524 Kaaahi Street
Imported From: 134706.pdf

iHEER System - Documents

Date : Feb 26, 2019
Document No: 166041
Type: Review Letter
Title: HDOH concurrence with Environmental Hazard Evaluation, 524 Kaaahi Street, Honolulu Hawaii, TMK 1-1-5-007: 033, dated February 25, 2019
Imported From: 19-082-lmb.pdf

iHEER System - Documents

Date : Aug 27, 2018
Document No: 166042
Type: Phase I Environmental Site Assessment
Title: Phase I Environmental Site Assessment
Imported From: 134705.pdf

iHEER System - Documents

Date : May 3, 2019
Document No: 166031
Type: Review Letter
Title: Review of EHMP Institutional Controls Environmental Cap Assessment dated March 13, 2019
Imported From: 19-201-lmb.pdf

iHEER System - Locations Details

Locations ID: 2560
Location Type: EHMP
Description: EHMP 524 Kaaahi Street
Comment : Google Earth
Centroid: POINT (-157.86579685939097 21.31737947268147)
Geometry:

POLYGON ((-157.86615958592884 21.317510821710815, -157.86613678715403 21.317565792941096, -157.86612203500249 21.317585782473756, -157.86606973193355 21.317605772003652, -157.86600401780794 21.317612018731669, -157.8656231441289 21.317612018731669, -157.86559095761802 21.317597026584512, -157.86556279442775 21.317563294248803, -157.86552122018981 21.317435860910475, -157.86546891711188 21.317198484788566, -157.86565801284749 21.317156006915873, -157.8658149220723 21.317067303083352, -157.86586186073475 21.317056058932049, -157.865859178518 21.317056058932049, -157.86615958592884 21.317510821710815))

iHEER System - Locations Details

Locations ID: 2611
Location Type: SC
Description: 524 Kaaahi Street
Comment :
Centroid: POINT (-157.865786 21.317382000000002)
Geometry:

POINT (-157.865786 21.317382000000002)

Site Details

Centroid: POINT (-157.865786 21.317382000000002)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.317382000000002,-157.865786

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Low Priority Site

249	1 of 1	ENE	0.74 / 3,911.06	77.33 / 74	1510A Frear Street 1510 Frear St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 1053
Site Name (Public iHEER): 1510A Frear Street
Aliases (Public iHEER): 1510 Frear Street, HEER Case No. 19950404, Honolulu High-Capacity Transit Corridor Project
Street (Public iHEER): 1510 Frear St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/4/2021 9:29:45 AM
Ms Access ID (Public iHEER): 7
Suppl Loc (Public iHEER): 1510 Frear St, Honolulu, HI 96813
Tax Map Keys (Public iHEER): 121037055
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1053
Site Name (PORTAL): 1510A Frear Street
Loc Desc (PORTAL): 1510 Frear St, Honolulu, HI 96813
Address (PORTAL): 1510 Frear St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1053/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 15, 2005
Document No: 9096
Type: No Further Action Determination Letter
Title: "No Further Action" determination
Imported From: 05-351-ES.pdf

iHEER System - Documents

Date : Apr 4, 1995
Document No: 9092

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Hazardous Substance Written Follow-Up Notification
Title: Hazardous Substances Incident Notification Form Case ID 19950404
Imported From: 62925.pdf

iHEER System - Documents

Date : Jun 23, 2015
Document No: 9093
Type: Undetermined
Title: Opportunity to Present Your Property via the Hawaii Brownfields Inventory Project
Imported From: 15-387-MGC.pdf

iHEER System - Documents

Date :
Document No: 9094
Type: Undetermined
Title: Public Record Data
Imported From: 62969.pdf

iHEER System - Locations Details

Locations ID: 719
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.85209300000002 21.308991000000002)
Geometry:

POINT (-157.85209300000002 21.308991000000002)

Site Details

Centroid: POINT (-157.85209300000002 21.308991000000002)
Updated On: 1/4/2021 9:29:45 AM
Coordinates: 21.308991000000002,-157.85209300000002

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: HEER Case No. 19950404

iHEER System - Aliases

Name: 1510 Frear Street

250	1 of 1	ESE	0.75 / 3,936.33	3.28 / 0	Symphony Park 850 Kapiolani Blvd Honolulu HI 96807	SHWS
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iHEER ID (Public iHEER): 2398
Site Name (Public iHEER): Symphony Park
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Construction EHMP, Symphony Park, Vapor Barrier
Street (Public iHEER): 850 Kapiolani Blvd
City (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State (Public iHEER):		HI				
Zip (Public iHEER):		96807				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		878				
Suppl Loc (Public iHEER):		850 Kapiolani Blvd				
Tax Map Keys (Public iHEER):		121044001, 121044022, 121044023, 121044032, 121044047, 121044048, 121044049				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2398				
Site Name (PORTAL):		Symphony Park				
Loc Desc (PORTAL):		850 Kapiolani Blvd				
Address (PORTAL):		850 Kapiolani Blvd Honolulu, HI 96807				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2398/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 15, 1992
Document No: 47419
Type: Undetermined
Title: Potential Hazardous Waste Site Preliminary Assessment Form
Imported From: 120208#\Heersharepoint1\facilitiesite%20documents\120208.pdf

iHEER System - Documents

Date : Sep 20, 1994
Document No: 47414
Type: Undetermined
Title: Preliminary Data Package, Symphony Park, Honolulu HI, Project No 311972000
Imported From: 39742#\Heersharepoint1\facilitiesite%20documents\39742.pdf

iHEER System - Documents

Date : Dec 16, 1991
Document No: 47397
Type: Undetermined
Title: Preliminary Remedial Action Plan, Symphony Condominium Site, Honolulu HI, Prepared for: the Myers Corp
Imported From: 39733#\Heersharepoint1\facilitiesite%20documents\39733.pdf

iHEER System - Documents

Date : Mar 1, 1994
Document No: 50568
Type: Undetermined
Title: Project Work Plan (Draft), Symphony Park Site, Honolulu HI, Mar 1994, Project No 311971000
Imported From: 39740#\Heersharepoint1\facilitiesite%20documents\39740.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 26, 1994
Document No: 47378
Type: Undetermined
Title: Project Work Plan (Final), Symphony Park Site, Honolulu HI, Project No 311971000
Imported From: 39743#\Heersharepoint1\facilitiesite%20documents\39743.pdf

iHEER System - Documents

Date : Jul 27, 1994
Document No: 47372
Type: Undetermined
Title: Re: Geophysical Survey Results, Symphony Park Site, Honolulu HI
Imported From: 39737#\Heersharepoint1\facilitiesite%20documents\39737.pdf

iHEER System - Documents

Date : Jul 18, 2013
Document No: 171762
Type: Site Characterization Report
Title: RE: Soil and Groundwater Sampling and Analysis Archeological Trenches 8, 9, 10 and 11 Corner of Ward Avenue and Kapiolani Boulevard Honolulu, Hawaii 96814 ENPRO Project Number: 1307-00234-PH2
Imported From:

iHEER System - Documents

Date : Sep 13, 1994
Document No: 47410
Type: Undetermined
Title: Re: Symphony Park
Imported From: 120216#\Heersharepoint1\facilitiesite%20documents\120216.pdf

iHEER System - Documents

Date : Dec 9, 1994
Document No: 50567
Type: Undetermined
Title: Reference: Symphony Park, corner of Ward Ave and Kapiolani Blvd, Honolulu HI
Imported From: 39738#\Heersharepoint1\facilitiesite%20documents\39738.pdf

iHEER System - Documents

Date : Dec 12, 1994
Document No: 50569
Type: Undetermined
Title: Remedial Action Plan, Symphony Park-Northwest Parcel, Honolulu HI, Project No 311972000
Imported From: 39739#\Heersharepoint1\facilitiesite%20documents\39739.pdf

iHEER System - Documents

Date : Nov 23, 1994
Document No: 50560
Type: Undetermined
Title: Remedial Action Plan, Symphony Park-Northwest Parcel, Honolulu HI, Project No 311972000
Imported From: 39749#\Heersharepoint1\facilitiesite%20documents\39749.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 22, 1995			
Document No:			50565			
Type:			Undetermined			
Title:			Remedial Action Report, Symphony Park-Northwest Parcel, Honolulu HI, Appendices A-B, Project No 311973000			
Imported From:			39748#\Heersharepoint1\facilitiesite%20documents\39748.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 22, 1995			
Document No:			47384			
Type:			Undetermined			
Title:			Remedial Action Report, Symphony Park-Northwest Parcel, Honolulu HI, Appendices C-H, Project No 311973000			
Imported From:			39754#\Heersharepoint1\facilitiesite%20documents\39754.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 22, 1995			
Document No:			47389			
Type:			Undetermined			
Title:			Remedial Action Report, Symphony Park-Northwest Parcel, Honolulu HI, TECHNICAL VOLUME, Project No 311973000			
Imported From:			39746#\Heersharepoint1\facilitiesite%20documents\39746.pdf			
<u>iHEER System - Documents</u>						
Date :			May 25, 1995			
Document No:			50580			
Type:			Undetermined			
Title:			Removal Action Report, Symphony Park-East Parcel, Honolulu HI, Appendices, Project No 311974000			
Imported From:			39747#\Heersharepoint1\facilitiesite%20documents\39747.pdf			
<u>iHEER System - Documents</u>						
Date :			May 25, 1995			
Document No:			47382			
Type:			Undetermined			
Title:			Removal Action Report, Symphony Park-East Parcel, Honolulu HI, TECHNICAL VOLUME, Project No 311974000			
Imported From:			39752#\Heersharepoint1\facilitiesite%20documents\39752.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 1992			
Document No:			50561			
Type:			Undetermined			
Title:			Request for Technical Review of "Development of Risk Based Action Levels, Symphony Park Condominium Project, Kapiolani Boulevard and Ward Ave, Honolulu, Oahu, Hawaii", dated Aug 1992			
Imported From:			120210#\Heersharepoint1\facilitiesite%20documents\120210.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 22, 2014			
Document No:			47374			
Type:			Environmental Hazard Evaluation Report			
Title:			Response to DOH Review of EHE, Symphony Honolulu Mixed Use Condominiums, Jan 8, 2014, by ESI			
Imported From:			109665#\Heersharepoint1\facilitiesite%20documents\109665.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 1991			
Document No:			50554			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Title:		Symphony Park Ward Ave and Kapiolani Boulevard Honolulu Hawaii				
Imported From:		120205#\Heersharepoint1\facilitiesite%20documents\120205.pdf				
 <u>iHEER System - Documents</u>						
Date :		Apr 22, 2014				
Document No:		47371				
Type:		Undetermined				
Title:		Response to DOH Review of EHE, Symphony Honolulu Mixed Use Condominiums, Jan 8, 2014, by ESI				
Imported From:		109664#\Heersharepoint1\facilitiesite%20documents\109664.pdf				
 <u>iHEER System - Documents</u>						
Date :		Mar 19, 2015				
Document No:		47387				
Type:		Undetermined				
Title:		Response to DOH Review of Post-Construction EHMP for the Symphony Honolulu Condominiums Property				
Imported From:		113873#\Heersharepoint1\facilitiesite%20documents\113873.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jul 7, 2014				
Document No:		47380				
Type:		Undetermined				
Title:		Response to DOH Review of Soil Vapor Assessment of the Proposed Symphony Honolulu Condominiums Property				
Imported From:		110337#\Heersharepoint1\facilitiesite%20documents\110337.pdf				
 <u>iHEER System - Documents</u>						
Date :		May 13, 2014				
Document No:		47391				
Type:		Comment Letter				
Title:		Review of "Soil Vapor Assessment Report, Symphony Honolulu Mixed-Use Condominiums, 888 Kapiolani Blvd, Honolulu Hawaii", May 12, 2014, by ESI				
Imported From:		2014-228#Q:\2014 Final Correspondence (Day File)\14-228-JQN.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 26, 2013				
Document No:		50571				
Type:		Comment Letter				
Title:		Review of EHE and EHMP - Draft 3, Sep 11, 2012, 2013, by ENPRO				
Imported From:		2013-505#Q:\2013 Final Correspondence (Day File)\13-505-JQN.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 20, 2013				
Document No:		50579				
Type:		Undetermined				
Title:		Review of EHE and EHMP for the Symphony Honolulu Project, Honolulu HI				
Imported From:		106802#\Heersharepoint1\facilitiesite%20documents\106802.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jun 30, 1995				
Document No:		47415				
Type:		Comment Letter				
Title:		Review of Health Risk Assessment for Symphony Park (East Parcel)				
Imported From:		120219#\Heersharepoint1\facilitiesite%20documents\120219.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 20, 1991
Document No: 47411
Type: Undetermined
Title: Review of Symphony Park Environmental Assessment, Ward Ave and Kapiolani Blvd., Dames & Moore, Oct 8, 1991
Imported From: 120207#\Heersharepoint1\facilitiesite%20documents\120207.pdf

iHEER System - Documents

Date : Feb 12, 2014
Document No: 50577
Type: Comment Letter
Title: Review of: "Letter Regarding Monitoring Well Abandonment, Symphony Honolulu Project", Jan 16, 2014, and accompanying "Photo Log Report" by ENPRO
Imported From: 2014-078#Q:\2014 Final Correspondence (Day File)\14-078-JQN.pdf

iHEER System - Documents

Date : Dec 28, 1992
Document No: 47412
Type: Undetermined
Title: Symphony Park, HID 984467654
Imported From: 120211#\Heersharepoint1\facilitiesite%20documents\120211.pdf

iHEER System - Documents

Date : Sep 8, 1995
Document No: 47402
Type: No Further Action Determination Letter
Title: Symphony Park, HID 984467654
Imported From: 122098#\Heersharepoint1\facilitiesite%20documents\122098.pdf

iHEER System - Documents

Date : Oct 8, 1993
Document No: 50558
Type: Undetermined
Title: Symphony Park, HID 984467654
Imported From: 120215#\Heersharepoint1\facilitiesite%20documents\120215.pdf

iHEER System - Documents

Date : Aug 12, 1992
Document No: 47418
Type: Undetermined
Title: Symphony Park, HID984467654
Imported From: 120209#\Heersharepoint1\facilitiesite%20documents\120209.pdf

iHEER System - Documents

Date : Nov 17, 1992
Document No: 47407
Type: Undetermined
Title: Various Documents for Symphony Park
Imported From: 120221#\Heersharepoint1\facilitiesite%20documents\120221.pdf

iHEER System - Documents

Date : Mar 20, 2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			47375			
Type:			Undetermined			
Title:			Violation of Symphony Honolulu EHMP			
Imported From:			2014-134#Q:\2014 Final Correspondence (Day File)\14-134-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 8, 1994			
Document No:			47377			
Type:			Undetermined			
Title:			Addendum Report, Symphony Park-Northwest Parcel, Honolulu HI, Project No 311972000. (Revision 1)			
Imported From:			39745#\Heersharepoint1\facilitiesite%20documents\39745.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 2017			
Document No:			47392			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Amendment to No Further Action with Institutional Controls (ICs), dated Apr 29, 2015			
Imported From:			2017-243#Q:\2017 Final Correspondence (Day File)\17-243 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 27, 1995			
Document No:			47416			
Type:			Undetermined			
Title:			Completed Work for Symphony Park			
Imported From:			120220#\Heersharepoint1\facilitiesite%20documents\120220.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			47381			
Type:			No Further Action Determination w/ ICs Letter			
Title:			Determination of No Further Action with Institutional Controls based on review of the documents listed below			
Imported From:			2015-138#Q:\2015 Final Correspondence (Day File)\15-138-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 1, 1992			
Document No:			50562			
Type:			Undetermined			
Title:			Development of Risk-Based Action Levels Symphony Park Condominium Project, Kapiolani Blvd & Ward Ave, Honolulu HI, for the Myers Corp, Aug 1992			
Imported From:			39734#\Heersharepoint1\facilitiesite%20documents\39734.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 11, 2013			
Document No:			47409			
Type:			Environmental Hazard Management Plan			
Title:			EHE and EHMP Draft 3 for the Symphony Honolulu Project, Honolulu			
Imported From:			106803#\Heersharepoint1\facilitiesite%20documents\106803.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 9, 2014			
Document No:			50578			
Type:			Environmental Hazard Evaluation Report			
Title:			EHE, Symphony Honolulu Mixed Use Condominiums, 888 Kapiolani Blvd, Honolulu HI			
Imported From:			108540#\Heersharepoint1\facilitiesite%20documents\108540.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Nov 27, 2013	
Document No:					50566	
Type:					Environmental Hazard Management Plan	
Title:					EHMP for Construction Symphony Honolulu Mixed Use Condominiums 888 Kapiolani Boulevard Honolulu HI, TMKs 1-2-1-044-001, 1-2-1-044-032, 1-2-1-044-047 and 1-2-1-044-048	
Imported From:					118815#\Heersharepoint1\facilitiesite%20documents\118815.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 7, 2017	
Document No:					50555	
Type:					Undetermined	
Title:					Environmental Oversight During Additional Construction Symphony Honolulu Mixed- Use Condominiums 888 Kapiolani Boulevard Honolulu HI, TMK 1-2-1-044-040	
Imported From:					\facilitiesite documents\media125984\113097 SymphonyPostConstructionEHMP_040717.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 7, 2017	
Document No:					50557	
Type:					Undetermined	
Title:					Environmental Oversight During Additional Construction Symphony Honolulu Mixed- Use Condominiums 888 Kapiolani Boulevard Honolulu HI, TMK 1-2-1-044-040	
Imported From:					\facilitiesite documents\media125984\113097 FinalAdditionalOversightReport_040717.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 7, 2017	
Document No:					50556	
Type:					Undetermined	
Title:					Environmental Oversight During Additional Construction Symphony Honolulu Mixed- Use Condominiums 888 Kapiolani Boulevard Honolulu HI, TMK 1-2-1-044-040	
Imported From:					\facilitiesite documents\media125984\113097 Offsite Report and EHMP_Final_DOHCoverLetter_040717.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 19, 2016	
Document No:					47368	
Type:					Undetermined	
Title:					Environmental Oversight During Off-Site Construction, Symphony Honolulu Mixed-Use Condominiums, 888 Kapiolani Blvd, Honolulu Hawaii [TMK 1-2-1-044-049]	
Imported From:					122854#\Heersharepoint1\facilitiesite%20documents\122854.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 19, 2016	
Document No:					47369	
Type:					Undetermined	
Title:					Environmental Oversight During Off-Site Construction, Symphony Honolulu Mixed-Use Condominiums, 888 Kapiolani Blvd, Honolulu Hawaii [TMK 1-2-1-044-049]	
Imported From:					\facilitiesite documents\media122854\113097 Offsite Report_Final_101816.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 3, 2017	
Document No:					47376	
Type:					Comment Letter	
Title:					Environmental Oversight During Off-Site Construction, Symphony Honolulu Mixed-Use Condominiums, 888	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					Kapiolani Blvd, Honolulu HI, TMK 1-2-1-044-049 2017-059#Q:\2017 Final Correspondence (Day File)\17-059-SPM.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 1, 1994	
Document No:					47383	
Type:					Undetermined	
Title:					Health and Safety Plan for Symphony Park Site Inspection, Ward Ave and Kapiolani Blvd, Honolulu HI	
Imported From:					39751#\Heersharepoint1\facilitiesite%20documents\39751.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 19, 1995	
Document No:					47370	
Type:					Undetermined	
Title:					Health Risk Assessment, Symphony Park (East Parcel), Honolulu HI, 3527.00-006	
Imported From:					39741#\Heersharepoint1\facilitiesite%20documents\39741.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 2, 2003	
Document No:					50559	
Type:					Letter of Completion	
Title:					Letter of Completion, Shelton Properties	
Imported From:					2003-184#Q:\2003 Final Correspondence (Day File)\03-184-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 16, 2014	
Document No:					50576	
Type:					Undetermined	
Title:					Letter Regarding Monitoring Well Abandonment, Symphony Honolulu Project, Honolulu HI, ENPRO Project Number: 1312-00410-PH2	
Imported From:					108950#\Heersharepoint1\facilitiesite%20documents\108950.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 9, 2014	
Document No:					47367	
Type:					Undetermined	
Title:					New Primary Point of Contact Mr. Howard West	
Imported From:					110104#\Heersharepoint1\facilitiesite%20documents\110104.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 21, 1995	
Document No:					26585	
Type:					No Further Action Determination Letter	
Title:					NFA Letter	
Imported From:					9748#\Heersharepoint1\facilitiesite%20documents\9748.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 18, 2015	
Document No:					47399	
Type:					Undetermined	
Title:					Opportunity to Present Your Property via the Hawaii Brownfields Inventory Project	
Imported From:					2015-308#Q:\2015 Final Correspondence (Day File)\15-308-MGC.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Oct 8, 1991			
Document No:			47404			
Type:			Undetermined			
Title:			Phase II Investigation: Symphony Park Condominium Site, Kapiolani Blvd & Ward Ave, Honolulu HI, for the Myers Corporation, D&M Job 21037-005-037			
Imported From:			39730#\Heersharepoint1\facilitsite%20documents\39730.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 23, 2015			
Document No:			47398			
Type:			Environmental Hazard Management Plan			
Title:			Post-Construction EHMP, Symphony Honolulu, 888 Kapiolani Blvd, Honolulu HI			
Imported From:			113685#\Heersharepoint1\facilitsite%20documents\113685.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 2, 2015			
Document No:			47400			
Type:			Comment Letter			
Title:			Review of: "Post-Construction EHMP, Symphony Honolulu Mixed-Use Condominiums 888 Kapiolani Boulevard Honolulu Hawaii", Feb 23, 2015, by ESI			
Imported From:			2015-102#Q:\2015 Final Correspondence (Day File)\15-102-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 29, 2014			
Document No:			47390			
Type:			Comment Letter			
Title:			Review of: "Revised EHE, Symphony Honolulu Mixed Use Condominiums, 888 Kapiolani Blvd", Apr 22, 2014, by ESI			
Imported From:			2014-185#Q:\2014 Final Correspondence (Day File)\14-185-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2014			
Document No:			50575			
Type:			Comment Letter			
Title:			Review of: "Revised EHMP for Construction, Symphony Honolulu Mixed Use Condominiums, 888 Kapiolani Blvd", Dec 12, 2013, by ESI			
Imported From:			2014-057#Q:\2014 Final Correspondence (Day File)\14-057-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 9, 2014			
Document No:			50574			
Type:			Comment Letter			
Title:			Review of: EHE Symphony Honolulu Mixed Use Condominiums, Jan 8, 2014, by ESI			
Imported From:			2014-013#Q:\2014 Final Correspondence (Day File)\14-013-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 29, 2013			
Document No:			50572			
Type:			Comment Letter			
Title:			Review of: EHMP for Construction, Nov 27, 2013, by ESI			
Imported From:			2013-615#Q:\2013 Final Correspondence (Day File)\13-615-JQN.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 21, 2013
Document No: 50573
Type: Comment Letter
Title: Review of: SAP Soil Vapor Investigation, Oct 16, 2013, by ENPRO Environmental
Imported From: 2013-547#Q:\2013 Final Correspondence (Day File)\13-547-JQN.pdf

iHEER System - Documents

Date : May 22, 2014
Document No: 47373
Type: Comment Letter
Title: Review of: Soil Vapor Assessment of the Proposed Symphony Honolulu Condominiums Property, Apr 24, 2014, by Bureau Veritas
Imported From: 2014-257#Q:\2014 Final Correspondence (Day File)\14-257-MS.pdf

iHEER System - Documents

Date : Mar 11, 2015
Document No: 47401
Type: Environmental Hazard Management Plan
Title: Revised Post-Construction EHMP, Symphony Honolulu, 888 Kapiolani Blvd, Honolulu HI
Imported From: 113874#\Heersharepoint1\facilitiesite%20documents\113874.pdf

iHEER System - Documents

Date : Aug 17, 1994
Document No: 47379
Type: Undetermined
Title: Site Assessment Report, Symphony Park- Northwest Parcel, Honolulu HI, Project No 311972000
Imported From: 39744#\Heersharepoint1\facilitiesite%20documents\39744.pdf

iHEER System - Documents

Date : Nov 10, 1994
Document No: 47385
Type: Undetermined
Title: Site Characterization Report, Symphony Park, Honolulu HI, Appendices, Project No 311972000
Imported From: 39753#\Heersharepoint1\facilitiesite%20documents\39753.pdf

iHEER System - Documents

Date : Nov 10, 1994
Document No: 47403
Type: Undetermined
Title: Site Characterization Report, Symphony Park, Honolulu HI, TECHNICAL VOLUME, Project No 311972000
Imported From: 39755#\Heersharepoint1\facilitiesite%20documents\39755.pdf

iHEER System - Documents

Date : Dec 16, 1994
Document No: 50564
Type: Undetermined
Title: Site Screening Sheet for Symphony Park
Imported From: 120218#\Heersharepoint1\facilitiesite%20documents\120218.pdf

iHEER System - Documents

Date : May 5, 1992
Document No: 47366
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Title:					Soil and Groundwater Investigation Report, Symphony Park Condominium Project, Kapiolani Blvd & Ward Ave, Honolulu HI, for the Myers Corp., D&M Project 21037-005-037	
Imported From:					39736#\Heersharepoint1\facilitsite%20documents\39736.pdf	
 <u>iHEER System - Documents</u>						
Date :					Jan 8, 2015	
Document No:					47388	
Type:					Undetermined	
Title:					Soil Disposal at Symphony Honolulu Mixed-Use Condominiums, 888 Kapiolani Blvd, Honolulu HI	
Imported From:					113137#\Heersharepoint1\facilitsite%20documents\113137.pdf	
 <u>iHEER System - Documents</u>						
Date :					Jun 28, 1991	
Document No:					50563	
Type:					Undetermined	
Title:					Soil Gas Survey Results and Status Report, Symphony Park Condominium Site, Kapiolani Blvd & Ward Ave, Honolulu HI, D&M Project 21037-005-037	
Imported From:					39735#\Heersharepoint1\facilitsite%20documents\39735.pdf	
 <u>iHEER System - Documents</u>						
Date :					May 12, 2014	
Document No:					47396	
Type:					Site Characterization Report	
Title:					Soil Vapor Assessment Report, Symphony Honolulu Mixed-Use Condominiums, 888 Kapiolani Blvd, Honolulu HI	
Imported From:					109791#\Heersharepoint1\facilitsite%20documents\109791.pdf	
 <u>iHEER System - Documents</u>						
Date :					Sep 27, 1994	
Document No:					47417	
Type:					Undetermined	
Title:					SP - Ogden's Results of Resampling at Geoprobe Monitoring Well Locations and Reanalysis of Ground Water Sample	
Imported From:					120217#\Heersharepoint1\facilitsite%20documents\120217.pdf	
 <u>iHEER System - Documents</u>						
Date :					Feb 1, 1994	
Document No:					47386	
Type:					Undetermined	
Title:					Summary Data Report (Final), Symphony Park Site, Honolulu HI, Feb 1994	
Imported From:					39750#\Heersharepoint1\facilitsite%20documents\39750.pdf	
 <u>iHEER System - Documents</u>						
Date :					Mar 31, 1995	
Document No:					47406	
Type:					Undetermined	
Title:					Symphony Bank, Northwest Parcel, Corner of Ward and Kapiolani Blvd, Honolulu HI	
Imported From:					1995-063#Q:\1995 Final Correspondence (Day File)\95-063-LG.pdf	
 <u>iHEER System - Documents</u>						
Date :					Mar 19, 2015	
Document No:					47394	
Type:					Undetermined	
Title:					Symphony Honolulu - Environmental Oversight During On-Site Construction, 888 Kapiolani Blvd, Honolulu HI	
Imported From:					\facilitsite documents\media113875\113875.PDF	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 19, 2015
Document No: 47393
Type: Undetermined
Title: Symphony Honolulu - Environmental Oversight During On-Site Construction, 888 Kapiolani Blvd, Honolulu HI
Imported From: \facilitysite documents\media113875\113097 Onsite Environmental Oversight Report 3-19-15_final.pdf

iHEER System - Documents

Date : Mar 19, 2015
Document No: 47395
Type: Undetermined
Title: Symphony Honolulu - Environmental Oversight During On-Site Construction, 888 Kapiolani Blvd, Honolulu HI
Imported From: \facilitysite documents\media113875\Cover Letter.pdf

iHEER System - Documents

Date : Sep 17, 1993
Document No: 47413
Type: Undetermined
Title: Symphony Park
Imported From: 120213#\Heersharepoint1\facilitysite%20documents\120213.pdf

iHEER System - Documents

Date : Oct 4, 1993
Document No: 47408
Type: Undetermined
Title: Symphony Park - Letter from Rae M. Loui Dated 9/30/93
Imported From: 120214#\Heersharepoint1\facilitysite%20documents\120214.pdf

iHEER System - Documents

Date : Jan 11, 1993
Document No: 50570
Type: Undetermined
Title: Symphony Park EPA Recommendation
Imported From: 120212#\Heersharepoint1\facilitysite%20documents\120212.pdf

iHEER System - Documents

Date : Feb 18, 1994
Document No: 47405
Type: Undetermined
Title: Symphony Park Site Inspection, Initial Scoping Review, Feb 1994
Imported From: 39732#\Heersharepoint1\facilitysite%20documents\39732.pdf

iHEER System - Locations Details

Locations ID: 1874
Location Type: SC
Description: Symphony Park
Comment : Google Maps
Centroid: POINT (-157.852907 21.300087000000012)
Geometry:

POINT (-157.852907 21.300087000000012)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 6601
Location Type: EHMP
Description: EHMP Symphony Park
Comment : Google Maps and Doc 47401
Centroid: POINT (-157.85270313851751 21.299824639087621)
Geometry:

POLYGON ((-157.85275813739923 21.299194741031563, -157.85270717542517 21.299184745013729, -157.8526749889233 21.299184745013729, -157.85262939136473 21.2991972400355, -157.85209026735708 21.299904456539529, -157.8525328318411 21.300191840365525, -157.85243359010974 21.300314290695006, -157.85270449321746 21.300481722611607, -157.85302099388369 21.300109373759724, -157.85332408350229 21.299904456539529, -157.85275813739923 21.299194741031563))

Site Details

Centroid: POINT (-157.852907 21.300087000000012)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.300087000000012,-157.852907

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: Symphony Park

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Vapor Barrier

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

251	1 of 1	N	0.75 / 3,964.03	6.56 / 3	Former General Printing Company 533 Kaaahi St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 103
Site Name (Public iHEER): Former General Printing Company
Aliases (Public iHEER): Brownfields Medium Priority Site, HART Kuwili Station (Iwilei), Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (H RTP), Iwilei Station, SLR 3.2ft Flooding
Street (Public iHEER): 533 Kaaahi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Updated on (Public iHEER):		9/20/2021 11:04:51 AM				
Ms Access ID (Public iHEER):		2971				
Suppl Loc (Public iHEER):		533 Kaaahi St, 537 Kaaahi St, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115007023				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		103				
Site Name (PORTAL):		Former General Printing Company				
Loc Desc (PORTAL):		533 Kaaahi St, 537 Kaaahi St, Honolulu, HI 96817				
Address (PORTAL):		533 Kaaahi St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Lynn Bailey				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/103/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 26, 2018
Document No: 163528
Type: Site Characterization Work Plan
Title: Transmittal Ltr: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Revision 0
Imported From: \facilitysite documents\media132432\132432.PDF

iHEER System - Documents

Date : Jul 26, 2018
Document No: 163529
Type: Undetermined
Title: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Work Plan, Revision 0
Imported From: \facilitysite documents\media132432\HART_IwileiStation_WP_Rev0_2018-07.pdf

iHEER System - Documents

Date : Sep 7, 2018
Document No: 163527
Type: Undetermined
Title: Review of HDOH Review of Work Plan Revision 0, Further Characterization and Remedial Action Oversight at Iwilei Station, Honolulu, Oahu, Hawaii, dated July 2018, submitted July 27, 2018
Imported From: 2018-261#Q:\2018 Final Correspondence (Day File)\18-261-lmb.pdf

iHEER System - Locations Details

Locations ID: 2604
Location Type: SC
Description: Former General Printing
Comment : Google Earth
Centroid: POINT (-157.866482 21.317560999999998)
Geometry:

POINT (-157.866482 21.317560999999998)

Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.866482 21.317560999999998)				
Updated On:		9/20/2021 11:04:51 AM				
Coordinates:		21.317560999999998,-157.866482				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project (HHCTCP)				
<u>iHEER System - Aliases</u>						
Name:		HART Kuwili Station (Iwilei)				
<u>iHEER System - Aliases</u>						
Name:		Iwilei Station				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Rail Transit Project (H RTP)				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				

[252](#)

1 of 1

NW

**0.75 /
3,972.15**

**3.28 /
0**

**Brewer Environmental Industries-
Pacific Street
311 Pacific St
Honolulu HI 96817**

SHWS

iHEER ID (Public iHEER): 32
Site Name (Public iHEER): Brewer Environmental Industries-Pacific Street
Aliases (Public iHEER): BEI, Brownfields Low Priority Site, Construction EHMP, Honolulu Harbor, Lowe's Iwilei VRP Lowes, SLR 3.2ft Flooding, Tosco Honolulu Bulk Distribution Terminal, VRP-25, Voluntary Response Program 25
Street (Public iHEER): 311 Pacific St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/20/2021 2:12:31 PM
Ms Access ID (Public iHEER): 113
Suppl Loc (Public iHEER): 311 Pacific St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115013023
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 32
Site Name (PORTAL): Brewer Environmental Industries-Pacific Street
Loc Desc (PORTAL): 311 Pacific St, Honolulu, HI 96817

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (PORTAL):		311 Pacific St				
		Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Sven Lindstrom				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/32/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Mar 9, 2015
Document No: 15833
Type: Monitoring Report
Title: Notice of Intent to Abandon Groundwater Monitoring Wells, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu HI
Imported From: 113815#\Heersharepoint1\facilitiesite%20documents\113815.pdf

iHEER System - Documents

Date : Mar 2, 2015
Document No: 15814
Type: Monitoring Report
Title: Notice of Intent to Abandon Groundwater Monitoring Wells, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu HI
Imported From: 113744#\Heersharepoint1\facilitiesite%20documents\113744.pdf

iHEER System - Documents

Date : Feb 17, 2015
Document No: 15799
Type: Request for Access to Property
Title: Notice of Intent to Conduct Site Reconnaissance, Brewer Environmental Industries, 311 Pacific St, Honolulu HI
Imported From: 113658#\Heersharepoint1\facilitiesite%20documents\113658.pdf

iHEER System - Documents

Date : May 15, 2015
Document No: 15828
Type: Monitoring Report
Title: Notice of Intent to Repair or Abandon Groundwater Monitoring Wells Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu HI
Imported From: 114662#\Heersharepoint1\facilitiesite%20documents\114662.pdf

iHEER System - Documents

Date : Nov 19, 2021
Document No: 181511
Type: Monitoring Report
Title: November 2021 monthly inspection report
Imported From:

iHEER System - Documents

Date : Oct 28, 2021
Document No: 181520
Type: Monitoring Report
Title: October 2021 monthly inspection report
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 28, 2005
Document No: 5579
Type: Phase I Environmental Site Assessment
Title: Phase I ESA ConocoPhillips Honolulu Bulk Fuel Terminal 411 and 439 Pacific St, Honolulu HI and BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-010, 1-1-5-013-012, and 1-1-5-013-023
Imported From: 36566#\Heersharepoint1\facilitiesite%20documents\36566.pdf

iHEER System - Documents

Date : Jul 27, 2005
Document No: 15817
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, BEI Hawaii Facility, 311 Pacific St, Honolulu HI and ConocoPhillips Honolulu Bulk Fuel Terminal
Imported From: 2986#\Heersharepoint1\facilitiesite%20documents\2986.pdf

iHEER System - Documents

Date : Mar 1, 2013
Document No: 15823
Type: Removal Action Report
Title: Pipeline Removal BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023
Imported From: 102376#\Heersharepoint1\facilitiesite%20documents\102376.pdf

iHEER System - Documents

Date : Jul 22, 2011
Document No: 15820
Type: Removal Action Work Plan
Title: Pipeline Removal Work Plan, BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023
Imported From: 95672#\Heersharepoint1\facilitiesite%20documents\95672.pdf

iHEER System - Documents

Date : Jul 22, 2011
Document No: 15822
Type: Removal Action Work Plan
Title: Pipeline Removal Work Plan, BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023
Imported From: 95673#\Heersharepoint1\facilitiesite%20documents\95673.pdf

iHEER System - Documents

Date : Jul 6, 2005
Document No: 15773
Type: Comment Letter
Title: Potential Termination Letter From VRP
Imported From: 2005-333#Q:\2005 Final Correspondence (Day File)\05-333-MS.pdf

iHEER System - Documents

Date : Nov 2, 1984
Document No: 5558
Type: Preliminary Assessment Report
Title: Preliminary Assessment
Imported From: 126332#\Heersharepoint1\facilitiesite%20documents\126332.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Sep 18, 2018
Document No: 15745
Type: Undetermined
Title: Project Status Update BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media133556\133556.pdf

iHEER System - Documents

Date : Sep 18, 2018
Document No: 15746
Type: Undetermined
Title: Project Status Update BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media133556\BEI HDOH PM Change Letter 09182018.pdf

iHEER System - Documents

Date : Nov 21, 2014
Document No: 5557
Type: Undetermined
Title: Project Team Reorganization and Schedule Update Notification, Brewer Environmental Industries, 311 Pacific St, Honolulu HI
Imported From: 111781#\Heersharepoint1\facilitysite%20documents\111781.pdf

iHEER System - Documents

Date : Nov 21, 2014
Document No: 5556
Type: Undetermined
Title: Project Team Reorganization and Schedule Update Notification, Brewer Environmental Industries, 311 Pacific St, Honolulu HI, By Mail
Imported From: 111830#\Heersharepoint1\facilitysite%20documents\111830.pdf

iHEER System - Documents

Date : Nov 21, 2014
Document No: 5555
Type: Undetermined
Title: Project Team Reorganizationa and Schedule Update Notification, Brewer Environmental Industries, 311 Pacific St, Honolulu HI, By Mail
Imported From: 111831#\Heersharepoint1\facilitysite%20documents\111831.pdf

iHEER System - Documents

Date : Dec 30, 2019
Document No: 172573
Type: Review Letter
Title: Review of: Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility No. 306476, 311 Pacific Street, Honolulu, Hawaii dated December 6, 2019 by Arcadis.
Imported From:

iHEER System - Documents

Date : Sep 24, 2013
Document No: 15755
Type: Review Letter
Title: Review of: Task 4 Site Characterization BEI Facility, 311 Pacific St, Sep 11, 2013, by ESI
Imported From: 2013-491#Q:\2013 Final Correspondence (Day File)\13-491-JQN.pdf

iHEER System - Documents

Date : Jan 3, 2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			15769			
Type:			Review Letter			
Title:			Review of: Union Oil Company of California, Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific Street, Honolulu Hawaii dated December 18, 2018 by Arcadis.			
Imported From:			2019-005#Q:\2019 Final Correspondence (Day File)\19-005 LC.PDF			
<u>iHEER System - Documents</u>						
Date :			Mar 3, 2005			
Document No:			5568			
Type:			Site Characterization Report			
Title:			Revised page for Site Investigation Report, BEI Hawaii, 311 Pacific St, Honolulu HI 96817			
Imported From:			121564#\Heersharepoint1\facilitiesite%20documents\121564.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2005			
Document No:			5581			
Type:			Phase I Environmental Site Assessment			
Title:			Revised Phase I ESA ConocoPhillips Honolulu Bulk Fuel Terminal 411 and 439 Pacific St, Honolulu HI and BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-010, 1-1-5-013-012 and 1-1-5-013-02			
Imported From:			36568#\Heersharepoint1\facilitiesite%20documents\36568.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 18, 2013			
Document No:			5585			
Type:			Removal Action Report			
Title:			Revised Pipeline Removal, BEI Hawaii Facility, 311 Pacific St, Honolulu HI			
Imported From:			105765#\Heersharepoint1\facilitiesite%20documents\105765.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 21, 2014			
Document No:			5553			
Type:			Environmental Hazard Evaluation Report			
Title:			Revised Task 5 EHE, BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023			
Imported From:			111868#\Heersharepoint1\facilitiesite%20documents\111868.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2019			
Document No:			172318			
Type:			Monitoring Report			
Title:			Second Semi-Annual Status Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 9, 2022			
Document No:			200101			
Type:			Land Use Control Inspection Report			
Title:			Second Semi-Annual Status Report BEI Hawaii, Chevron Facility No. 306476			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 14, 2020			
Document No:			175927			
Type:			Monitoring Report			
Title:			Semi-Annual Status Report 2020			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Oct 29, 2021
Document No: 181518
Type: Monitoring Report
Title: September 2021 Groundwater monitoring Event Report
Imported From:

iHEER System - Documents

Date : Sep 12, 2022
Document No: 197656
Type: Monitoring Report
Title: September 2022 Monthly Inspection Report
Imported From:

iHEER System - Documents

Date : Feb 1, 2005
Document No: 15756
Type: Site Characterization Report
Title: Site Investigation Report BEI Hawaii Site 311 Pacific St, Honolulu HI
Imported From: 36564#\Heersharepoint1\facilitiesite%20documents\36564.pdf

iHEER System - Documents

Date : Dec 1, 1995
Document No: 5584
Type: Undetermined
Title: Site Screening Sheet
Imported From: 126333#\Heersharepoint1\facilitiesite%20documents\126333.pdf

iHEER System - Documents

Date : Nov 13, 2018
Document No: 15764
Type: Undetermined
Title: Site Update Meeting Minutes, BEI Hawaii Facility, 311 Pacific Street, Honolulu Hawaii, November 13, 2018 – 1:00 PM HST Conference Call: 213-379-9608 Code 78492664#
Imported From: 134048.pdf

iHEER System - Documents

Date : Mar 18, 1996
Document No: 5580
Type: Undetermined
Title: SOS & thanks for meeting
Imported From: 47515#\Heersharepoint1\facilitiesite%20documents\47515.pdf

iHEER System - Documents

Date : Oct 30, 2020
Document No: 177406
Type: Monitoring Report
Title: Status Report 2SA 2020
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jul 30, 2021			
Document No:			180768			
Type:			Undetermined			
Title:			Subject: 2nd Quarter 2021 Monitoring Well Condition Assessment and Repair			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2019			
Document No:			172316			
Type:			Monitoring Report			
Title:			Submission - Second Semi-Annual Status Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 14, 2020			
Document No:			175928			
Type:			Monitoring Report			
Title:			Submission - Semi-Annual Status Report 2020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 24, 2011			
Document No:			15837			
Type:			Hazardous Substance Written Follow-Up Notification			
Title:			Release Notification, Case ID 20110824-1130			
Imported From:			97148#\Heersharepoint1\facilitysite%20documents\97148.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 17, 2020			
Document No:			178304			
Type:			Undetermined			
Title:			Repair memo			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 22, 2011			
Document No:			14618			
Type:			Concurrence Letter			
Title:			Request for Concurrence to use on-Site as Backfill During Construction of Lowe's Additional Parking Area at 311 Pacific St			
Imported From:			96265#\Heersharepoint1\facilitysite%20documents\96265.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 17, 1995			
Document No:			15787			
Type:			Request for Information			
Title:			Request for Information, Honolulu Harbor Site			
Imported From:			1102#\Heersharepoint1\facilitysite%20documents\1102.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 2015			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			15836			
Type:			Concurrence Letter			
Title:			Request for signature regarding: 15-050 JQN "Response to: Request to Amend the Voluntary Response Program Agreement between Lowe's HIW, Inc, and the State of Hawaii Department of Health letter, Dec 5, 2014, by ESI."			
Imported From:			2015-050#Q:\2015 Final Correspondence (Day File)\15-050-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 5, 2014			
Document No:			15838			
Type:			Comment Letter			
Title:			Request to Amend the Voluntary Response Program Agreement between Lowe's HIW, Inc and the State of Hawaii Department of Health			
Imported From:			112298#\Heersharepoint1\facilitiesite%20documents\112298.pdf			
<u>iHEER System - Documents</u>						
Date :			May 7, 2015			
Document No:			15832			
Type:			Environmental Hazard Management Plan			
Title:			Response to Comments (File #15-163 JQN) EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI			
Imported From:			114458#\Heersharepoint1\facilitiesite%20documents\114458.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2011			
Document No:			5054			
Type:			Site Characterization Work Plan			
Title:			Response to DOH Comments Regarding the Lowe's VRP BEI Task 3 - Detailed Work Plan for the BEI Hawaii Facility, 311 Pacific St, Honolulu HI			
Imported From:			94282#\Heersharepoint1\facilitiesite%20documents\94282.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 4, 2019			
Document No:			172313			
Type:			Monitoring Report			
Title:			Submission -Monitoring Well Repair and Abandonment Summary Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2005			
Document No:			19524			
Type:			Environmental Hazard Management Plan			
Title:			Submittal of Documents for the ConocoPhillips Honolulu Terminal and BEI Hawaii Site, Honolulu HI			
Imported From:			3081#\Heersharepoint1\facilitiesite%20documents\3081.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2015			
Document No:			15793			
Type:			Environmental Hazard Management Plan			
Title:			Submittal of EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitiesite documents\media114009\Appendix B - ACM and Lead-Based Paint Location Maps (ESI 2013b).pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2015			
Document No:			15795			
Type:			Environmental Hazard Management Plan			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Submittal of EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
Imported From:					\\facilitysite documents\media114009\BEI EHMP_FINAL_20150331_Text.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 31, 2015	
Document No:					15792	
Type:					Environmental Hazard Management Plan	
Title:					Submittal of EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
Imported From:					\\facilitysite documents\media114009\114009.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 31, 2015	
Document No:					15794	
Type:					Environmental Hazard Management Plan	
Title:					Submittal of EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
Imported From:					\\facilitysite documents\media114009\1853_004_LTM_FormerBld21_June2014Appendix F.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 31, 2015	
Document No:					15796	
Type:					Environmental Hazard Management Plan	
Title:					Submittal of EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
Imported From:					\\facilitysite documents\media114009\Appendix A - EHE Figures (ESI 2015).pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 27, 2005	
Document No:					11257	
Type:					Environmental Assessment	
Title:					Summary of Previous Investigations BEI Hawaii Site, 311 Pacific St, Honolulu HI	
Imported From:					3082#\Heersharepoint1\facilitysite%20documents\3082.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 9, 2010	
Document No:					15790	
Type:					Site Characterization Work Plan	
Title:					Task 2 General Work Plan BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023	
Imported From:					\\facilitysite documents\media63032\109109 BEI VRP Task 2 4-12-10.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 31, 2011	
Document No:					15751	
Type:					Site Characterization Work Plan	
Title:					Task 3 - Detailed Work Plan, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					94283#\Heersharepoint1\facilitysite%20documents\94283.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 28, 2022	
Document No:					196718	
Type:					Undetermined	
Title:					Well Abandonment Work Plan – Revision #1	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 16, 2020
Document No: 177100
Type: Site Inspection Report
Title: Well inspection FieldLog
Imported From:

iHEER System - Documents

Date : Jun 16, 2020
Document No: 175715
Type: Monitoring Report
Title: 2Q 2020 BEI Monitoring Well Condition Assessment MemoBEI Hawaii Facility #306476
Imported From:

iHEER System - Documents

Date : Jun 16, 2020
Document No: 175717
Type: Monitoring Report
Title: 2Q 2020 BEI Monitoring Well Condition Assessment MemoBEI Hawaii Facility #306476
Imported From:

iHEER System - Documents

Date : Jun 16, 2020
Document No: 175716
Type: Monitoring Report
Title: 2Q 2020 BEI Monitoring Well Condition Assessment MemoBEI Hawaii Facility #306476
Imported From:

iHEER System - Documents

Date : Jul 15, 2019
Document No: 170795
Type: Monitoring Report
Title: 2Q2019 Inspection Memo
Imported From:

iHEER System - Documents

Date : Apr 9, 2015
Document No: 15830
Type: Monitoring Report
Title: Abandonment of Monitoring Well Summary Letter Report, Brewer Environmental Industries (BEI), Chevron Facility
Imported From: \facilitysite documents\media114059\114059.pdf

iHEER System - Documents

Date : Apr 9, 2015
Document No: 15829
Type: Monitoring Report
Title: Abandonment of Monitoring Well Summary Letter Report, Brewer Environmental Industries (BEI), Chevron Facility
Imported From: \facilitysite documents\media114059\Lowes Well Aband Letter Report.pdf

iHEER System - Documents

Date : Jan 6, 2014
Document No: 15839

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Site Characterization Report	
Title:					Addendum to Oct 21, 2013, comments for Task - 4 Site Characterization BEI Facility, 311 Pacific St, Sep 11, 2013, by ESI	
Imported From:					2014-006#Q:\2014 Final Correspondence (Day File)\14-006-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 30, 2005	
Document No:					5578	
Type:					Remedial Investigation Report	
Title:					Additional Site Investigation Report, BEI Hawaii Site 311 Pacific St, Honolulu HI	
Imported From:					36567#\Heersharepoint1\facilitiesite%20documents\36567.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 5, 2013	
Document No:					15779	
Type:					Undetermined	
Title:					Announcing New RPM Assignment for Brewer Environmental Industries-Pacific St	
Imported From:					2013-073#Q:\2013 Final Correspondence (Day File)\13-073-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 1, 1995	
Document No:					5575	
Type:					Undetermined	
Title:					Approval of Extension Request	
Imported From:					47350#\Heersharepoint1\facilitiesite%20documents\47350.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 10, 2021	
Document No:					179526	
Type:					Monitoring Report	
Title:					April 2021 Monthly Inspection of Wells	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 5, 2023	
Document No:					202696	
Type:					Undetermined	
Title:					April 2023 Gauging Log	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 5, 2023	
Document No:					202760	
Type:					Undetermined	
Title:					April 2023 Well Gauging Report	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Feb 3, 2017	
Document No:					14625	
Type:					Monitoring Report	
Title:					BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817	
Imported From:					\facilitiesite documents\media124400\124400.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 3, 2017
Document No: 14624
Type: Decision Document
Title: BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media124400\Monitoring Well Abandonment Summary Technical Memo_02032017.pdf

iHEER System - Documents

Date : Feb 3, 2017
Document No: 14626
Type: Monitoring Report
Title: BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media124400\Trns ltr - MW Abandon Sum Tech Memo_2-3-17.pdf

iHEER System - Documents

Date : Jun 18, 2019
Document No: 170796
Type: Monitoring Report
Title: 1SA2019 GWMR
Imported From:

iHEER System - Documents

Date : Jun 7, 2022
Document No: 184592
Type: Monitoring Report
Title: 2022 First Semi-Annual Status Report
Imported From:

iHEER System - Documents

Date : Jul 12, 2016
Document No: 15759
Type: Monitoring Report
Title: BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817 dated 7/12/16
Imported From: 121098#\Heersharepoint1\facilitysite%20documents\121098.pdf

iHEER System - Documents

Date : Mar 21, 2018
Document No: 15807
Type: Monitoring Report
Title: BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media131142\BEI 2SA 2017 GWMR_FINAL.pdf

iHEER System - Documents

Date : Mar 21, 2018
Document No: 15808
Type: Monitoring Report
Title: BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media131142\Trns ltr - Final BEI 2SA 2017 Rpt_20180321.pdf

iHEER System - Documents

Date : Aug 7, 2017
Document No: 15841

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
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<u>iHEER System - Documents</u>						
Date :					Aug 7, 2017	
Document No:					15842	
Type:					Monitoring Report	
Title:					BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817	
Imported From:					\facilitsite documents\media128052\20170815091345925.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 31, 2020	
Document No:					176254	
Type:					Site Inspection Work Plan	
Title:					BEI Monthly Inspection Action Plan	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jan 27, 2021	
Document No:					178526	
Type:					Monitoring Report	
Title:					BEI Well Inspection Log	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 3, 2020	
Document No:					178827	
Type:					Monitoring Report	
Title:					BEI Well Inspection Log	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Feb 16, 2021	
Document No:					178806	
Type:					Monitoring Report	
Title:					BEI Well Inspection Log	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 3, 2006	
Document No:					5561	
Type:					Undetermined	
Title:					C. Brewer and Company, Limited - Completed Dissolution on Mar 31, 2006	
Imported From:					119655#\Heersharepoint1\facilitsite%20documents\119655.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 7, 2005	
Document No:					15749	
Type:					Undetermined	
Title:					Case No 20050105-1326	
Imported From:					132499#\Heersharepoint1\facilitsite%20documents\132499.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Sep 15, 1989			
Document No:			5583			
Type:			Undetermined			
Title:			CERCLA Screening Site Inspection			
Imported From:			36561#\Heersharepoint1\facilitiesite%20documents\36561.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 5, 2018			
Document No:			15771			
Type:			Undetermined			
Title:			Chevron Environmental Management Company EXIT STRATEGY – REVISION #1 BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitiesite documents\media132220\FINAL_Exit Strategy Revision 1_Full_06262018.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 5, 2018			
Document No:			15770			
Type:			Undetermined			
Title:			Chevron Environmental Management Company EXIT STRATEGY – REVISION #1 BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitiesite documents\media132220\Trns ltr - Exit Strategy_20180705.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2017			
Document No:			15757			
Type:			Site Characterization Work Plan			
Title:			Chevron Environmental Management Company SAP/Quality Assurance Project Plan (SAP/QAPP) BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817 Revision #1			
Imported From:			128147#\Heersharepoint1\facilitiesite%20documents\128147.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2017			
Document No:			15758			
Type:			Site Characterization Work Plan			
Title:			Chevron Environmental Management Company SAP/Quality Assurance Project Plan (SAP/QAPP) BEI Hawaii Facility #306476 311 Pacific St, Honolulu HI 96817 Revision #1			
Imported From:			\facilitiesite documents\media128147\Trns ltr - BEI SAP QAPP_20170901.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 21, 2016			
Document No:			5563			
Type:			Site Characterization Work Plan			
Title:			Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016			
Imported From:			\facilitiesite documents\media121995\Appendix B - Figs frm ESI prprd Tsk 5 - EHE.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 21, 2016			
Document No:			5565			
Type:			Undetermined			
Title:			Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016			
Imported From:			\facilitiesite documents\media121995\Figures.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 21, 2016
Document No: 5567
Type: Undetermined
Title: Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016
Imported From: \facilitysite documents\media121995\121995.pdf

iHEER System - Documents

Date : Sep 21, 2016
Document No: 5562
Type: Site Characterization Work Plan
Title: Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016
Imported From: \facilitysite documents\media121995\Appendix A - Figs frm ESI prprd Tsk 4 - Site Chrctrztn.pdf

iHEER System - Documents

Date : Sep 21, 2016
Document No: 5564
Type: Undetermined
Title: Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016
Imported From: \facilitysite documents\media121995\Tables.pdf

iHEER System - Documents

Date : Sep 21, 2016
Document No: 5566
Type: Undetermined
Title: Chevron Environmental Management Company, Exit Strategy, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817, Sep 16, 2016
Imported From: \facilitysite documents\media121995\Text_BEI Exit Strategy.pdf

iHEER System - Documents

Date : Mar 27, 2023
Document No: 202697
Type: Undetermined
Title: Courtesy Notification: First Quarter 2023 Well Inspection
Imported From:

iHEER System - Documents

Date : Oct 30, 2020
Document No: 177405
Type: Monitoring Report
Title: Cover Letter - Status Report 2SA 2020
Imported From:

iHEER System - Documents

Date : Jun 8, 2020
Document No: 175686
Type: Monitoring Report
Title: Cover Letter -First Semi-Annual Status Report BEI Hawaii, Chevron Facility No. 306476311 Pacific Street, Honolulu, Hawaii June 8, 2020
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 15, 2021
Document No: 180146
Type: Undetermined
Title: cover letter for Union Oil Company of California First Semi-Annual Status Report BEI Hawaii, Chevron Facility No. 306476
Imported From:

iHEER System - Documents

Date : Dec 10, 2021
Document No: 181702
Type: Monitoring Report
Title: December 2021 monthly inspection report
Imported From:

iHEER System - Documents

Date : Dec 2, 2022
Document No: 200104
Type: Land Use Control Inspection Report
Title: December 2022 Monthly Inspection Report
Imported From:

iHEER System - Documents

Date : Nov 11, 2010
Document No: 15747
Type: Site Characterization Work Plan
Title: Draft Task 3 Detailed Work Plan, BEI, 311 Pacific St, Honolulu HI
Imported From: 93401#\Heersharepoint1\facilitiesite%20documents\93401.pdf

iHEER System - Documents

Date : Dec 1, 2004
Document No: 5548
Type: Site Characterization Work Plan
Title: Draft Work Plan for Baseline Site Investigation, Brewer Site, 311 Pacific St, Honolulu HI
Imported From: 36565#\Heersharepoint1\facilitiesite%20documents\36565.pdf

iHEER System - Documents

Date : Sep 19, 2011
Document No: 15768
Type: Environmental Hazard Management Plan
Title: Response to DOH Review of EHMP for On-site Construction: Lowe's Additional Parking Area
Imported From: 96259#\Heersharepoint1\facilitiesite%20documents\96259.pdf

iHEER System - Documents

Date : Jul 18, 2013
Document No: 5572
Type: Comment Letter
Title: Response to DOH Review of Pipeline Removal BEI Hawaii Facility, 311 Pacific St, Honolulu HI
Imported From: 105764#\Heersharepoint1\facilitiesite%20documents\105764.pdf

iHEER System - Documents

Date : Apr 4, 2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			14632			
Type:			Site Characterization Report			
Title:			Response to DOH Review of: Task 4 Site Characterization BEI Facility, 311 Pacific St, Sep 1, 2013, by ESI (ESI, 2013b)			
Imported From:			109343#\Heersharepoint1\facilitiesite%20documents\109343.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 16, 2014			
Document No:			5554			
Type:			Comment Letter			
Title:			Response to File: 14-584 JQN, Brewer Environmental Industries, 311 Pacific St, Honolulu HI			
Imported From:			112479#\Heersharepoint1\facilitiesite%20documents\112479.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 14, 2014			
Document No:			15778			
Type:			Environmental Hazard Evaluation Report			
Title:			Response to File14-536 JQN DOH Review of: Revised Task 5 - EHE, "BEI Facility, 311 Pacific Street", Oct 8, 2014, by ESI			
Imported From:			111701#\Heersharepoint1\facilitiesite%20documents\111701.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 6, 1995			
Document No:			14634			
Type:			Request for Information			
Title:			response to Request for Information			
Imported From:			1171#\Heersharepoint1\facilitiesite%20documents\1171.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2015			
Document No:			15798			
Type:			Comment Letter			
Title:			Response to the DOH Review of the Notice of Intent to Abandon Groundwater Monitoring Wells at BEI Hawaii			
Imported From:			113803#\Heersharepoint1\facilitiesite%20documents\113803.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2015			
Document No:			15789			
Type:			Comment Letter			
Title:			Response to: Request to Amend the Voluntary Response Program Agreement between Lowe's HIW, Inc, and the State of Hawaii Department of Health letter, Dec 5, 2014, by ESI			
Imported From:			2015-049#Q:\2015 Final Correspondence (Day File)\15-049-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			May 18, 2015			
Document No:			15831			
Type:			Review Letter			
Title:			Review of "Notice of Intent to Repair or Abandon Groundwater Monitoring Wells, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu Hawaii, May 15, 2015, by Arcadis			
Imported From:			2015-219#Q:\2015 Final Correspondence (Day File)\15-219-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 9, 2014			
Document No:			14631			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Review Letter	
Title:					Review of "Response to DOH Review of: Task 4 - Site Characterization, BEI Facility, 311 Pacific St, Sep 11, 2013, by ESI", Apr 4, 2014	
Imported From:					2014-158#Q:\2014 Final Correspondence (Day File)\14-158-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 23, 2013	
Document No:					5571	
Type:					Review Letter	
Title:					Review of "REVISED—Pipeline Removal BEI Hawaii Facility, 311 Pacific St, Honolulu HI", Jul 18, 2013, by ESI	
Imported From:					2013-384#Q:\2013 Final Correspondence (Day File)\13-384-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 10, 2011	
Document No:					15816	
Type:					Environmental Hazard Management Plan	
Title:					EHMP for On-Site Construction: Lowe's Additional Parking Area, Lowe's HIW Retail Store, 311, 411 and 439 Pacific St, Honolulu HI	
Imported From:					95987#\Heersharepoint1\facilitiesite%20documents\95987.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 17, 2011	
Document No:					5570	
Type:					Site Characterization Work Plan	
Title:					ESI's VRP Task 3 Detailed Work Plan, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					121562#\Heersharepoint1\facilitiesite%20documents\121562.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 9, 2018	
Document No:					15765	
Type:					Undetermined	
Title:					EXIT STRATEGY – REVISION #1 BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817	
Imported From:					\facilitiesite documents\media132206\FINAL_Exit Strategy Revision 1_Full_06262018.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 9, 2018	
Document No:					15766	
Type:					Undetermined	
Title:					EXIT STRATEGY – REVISION #1 BEI Hawaii Facility 311 Pacific St, Honolulu HI 96817	
Imported From:					\facilitiesite documents\media132206\Trns ltr - Exit Strategy_20180705.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 11, 2014	
Document No:					202699	
Type:					Undetermined	
Title:					Figure 14 from BEI VRP Task 4 Report	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 5, 2015	
Document No:					15782	
Type:					Environmental Hazard Management Plan	
Title:					Final Submittal of EHMP, BEI, Hawaii Facility, 311 Pacific St, Honolulu HI 96817	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From: \facilitysite documents\media114725\Appendix A - EHE Figures (ESI 2015).pdf						
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2015			
Document No:			15783			
Type:			Environmental Hazard Management Plan			
Title:			Final Submittal of EHMP, BEI, Hawaii Facility, 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitysite documents\media114725\BEI EHMP_FINAL_20150605_Text.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2015			
Document No:			15785			
Type:			Environmental Hazard Management Plan			
Title:			Final Submittal of EHMP, BEI, Hawaii Facility, 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitysite documents\media114725\114725.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2015			
Document No:			15784			
Type:			Environmental Hazard Management Plan			
Title:			Final Submittal of EHMP, BEI, Hawaii Facility, 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitysite documents\media114725\Appendix C - SOH HEER Notification Form.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2015			
Document No:			15786			
Type:			Environmental Hazard Management Plan			
Title:			Final Submittal of EHMP, BEI, Hawaii Facility, 311 Pacific St, Honolulu HI 96817			
Imported From:			\facilitysite documents\media114725\Appendix B - ACM and Lead-Based Paint Location Maps (ESI 2013b).pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2015			
Document No:			15826			
Type:			Environmental Hazard Evaluation Report			
Title:			Final Task 5 - EHE, BEI Hawaii Facility, 311 Pacific St, Honolulu HI			
Imported From:			113491#\Heersharepoint1\facilitysite%20documents\113491.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 3, 2023			
Document No:			203487			
Type:			Monitoring Report			
Title:			First Semi-Annual Status Report 2023 BEI Hawaii, Chevron Facility No. 306476			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 8, 2020			
Document No:			175687			
Type:			Monitoring Report			
Title:			First Semi-Annual Status Report BEI Hawaii, Chevron Facility No. 306476311 Pacific Street, Honolulu, Hawaii			
Imported From:			June 8, 2020			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 26, 2015
Document No: 15801
Type: Site Characterization Report
Title: Groundwater Assessment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media116029\Figures.pdf

iHEER System - Documents

Date : Jul 24, 2019
Document No: 170798
Type: Review Letter
Title: Review of 1st SA Status Report 2019
Imported From:

iHEER System - Documents

Date : Mar 23, 2023
Document No: 200617
Type: Review Letter
Title: Review of 2022 second semi-annual groundwater monitoring event and 2023 Well Abandonment Report for BEI Hawaii
Imported From:

iHEER System - Documents

Date : Jul 18, 2018
Document No: 5582
Type: Review Letter
Title: Review of Chevron Environmental Management Company EXIT STRATEGY – REVISION #1 BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817
Imported From: 2018-216#Q:2018 Final Correspondence (Day File)\18-216 SPM.pdf

iHEER System - Documents

Date : Sep 27, 2017
Document No: 15843
Type: Review Letter
Title: Review of Chevron Environmental Management Company, Final Sampling, and Analysis Plan/Quality Assurance Project Plan (SAP/QAPP), BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: 2017-269#Q:2017 Final Correspondence (Day File)\17-269 SPM.pdf

iHEER System - Documents

Date : Aug 25, 2011
Document No: 15744
Type: Review Letter
Title: Review of EHMP for On-site Construction: Lowe's Additional Parking Area
Imported From: 2011-484#Q:2011 Final Correspondence (Day File)\11-484-KO.pdf

iHEER System - Documents

Date : Oct 19, 2016
Document No: 15813
Type: Review Letter
Title: Review of EXIT STRATEGY, BEI Hawaii Facility, 311 Pacific St, Honolulu HI 96817
Imported From: 2016-520#Q:2016 Final Correspondence (Day File)\16-520 SPM.pdf

iHEER System - Documents

Date : Jul 18, 2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		15777				
Type:		Review Letter				
Title:		Review of First Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific St, Honolulu HI				
Imported From:		2018-217#Q:\2018 Final Correspondence (Day File)\18-217 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2022				
Document No:		183102				
Type:		Review Letter				
Title:		Review of January 2022 Monthly Inspection Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 1, 2021				
Document No:		180205				
Type:		Review Letter				
Title:		Review of June 2021 First Semi-Annual Status Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Aug 18, 2016				
Document No:		5569				
Type:		Review Letter				
Title:		Review of Monitoring Well Abandonment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817, dated Jul 12, 2016				
Imported From:		2016-437#Q:\2016 Final Correspondence (Day File)\16-437 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 30, 2017				
Document No:		15844				
Type:		Review Letter				
Title:		Review of Monitoring Well Installation Work Plan, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817				
Imported From:		2017-247#Q:\2017 Final Correspondence (Day File)\17-247 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 28, 2005				
Document No:		15772				
Type:		Review Letter				
Title:		Review of Phase I ESA for Brewer Property and the ConocoPhillips Tank Farm, 311 and 411 Pacific St				
Imported From:		2005-373#Q:\2005 Final Correspondence (Day File)\05-373-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2011				
Document No:		15819				
Type:		Review Letter				
Title:		Review of Pipeline Removal Work Plan, BEI Hawaii Facility, Jul 22, 2011 by ESI				
Imported From:		2011-427#Q:\2011 Final Correspondence (Day File)\11-427-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 6, 2013				
Document No:		15750				
Type:		Review Letter				
Title:		Review of Pipeline Work Report, BEI Hawaii Facility, Feb 28, 2013, by ESI				
Imported From:		2013-119#Q:\2013 Final Correspondence (Day File)\13-119-JQN.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 23, 2011
Document No: 14628
Type: Review Letter
Title: Review of Request for Concurrence to use On-Site Soil as Backfill During Construction of Lowe's Additional Parking Area at 311 Pacific St in letter from ESI, Sep 22, 2011
Imported From: 2011-538#Q:\2011 Final Correspondence (Day File)\11-538-MS.pdf

iHEER System - Documents

Date : Oct 4, 2005
Document No: 15774
Type: Review Letter
Title: Review of Revised Phase I
Imported From: 2005-509#Q:\2005 Final Correspondence (Day File)\05-509-MS.pdf

iHEER System - Documents

Date : Oct 26, 2015
Document No: 15803
Type: Site Characterization Report
Title: Groundwater Assessment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media116029\Tables.pdf

iHEER System - Documents

Date : Oct 26, 2015
Document No: 15800
Type: Site Characterization Report
Title: Groundwater Assessment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media116029\Attachment A - Field Data Sheets.pdf

iHEER System - Documents

Date : Oct 26, 2015
Document No: 15802
Type: Site Characterization Report
Title: Groundwater Assessment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media116029\FINAL BEI GWM Tech Memo 10262015_Text.pdf

iHEER System - Documents

Date : Oct 26, 2015
Document No: 15804
Type: Site Characterization Report
Title: Groundwater Assessment Technical Memo, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817
Imported From: \facilitysite documents\media116029\Attachment B - Laboratory Report.pdf

iHEER System - Documents

Date : Jun 30, 2015
Document No: 15812
Type: Monitoring Report
Title: Groundwater Sampling
Imported From: 2015-428#Q:\2015 Final Correspondence (Day File)\15-428-JQN.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Dec 18, 1995			
Document No:			15846			
Type:			Undetermined			
Title:			Honolulu Harbor meeting with PRPs 1/24/96			
Imported From:			47477#\Heersharepoint1\facilitysite%20documents\47477.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 22, 1997			
Document No:			5545			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Work Group's Initial List of Additional Parties with Potential Liabilities			
Imported From:			47882#\Heersharepoint1\facilitysite%20documents\47882.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 29, 2022			
Document No:			196719			
Type:			Review Letter			
Title:			Review of Revised Well Abandonment Plan			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 5, 2017			
Document No:			14635			
Type:			Review Letter			
Title:			Review of SAP/QAPP, BEI Hawaii Facility #306476, 311 Pacific St, Honolulu HI 96817			
Imported From:			2017-252#Q:\2017 Final Correspondence (Day File)\17-252 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 10, 2005			
Document No:			15775			
Type:			Review Letter			
Title:			Review of Site Investigation for Brewer property as part of the Lowe's VRP			
Imported From:			2005-132#Q:\2005 Final Correspondence (Day File)\05-132-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 7, 2011			
Document No:			15825			
Type:			Review Letter			
Title:			Review of Task 3-Detailed Work Plan BEI Hawaii Facility, Jan 31, 2011 by ESI			
Imported From:			2011-070#Q:\2011 Final Correspondence (Day File)\11-070-KO.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 17, 2010			
Document No:			15815			
Type:			Review Letter			
Title:			Review of Task 3-Draft Detailed Work Plan BEI Hawaii Facility, Nov 11, 2010 by ESI			
Imported From:			2010-693#Q:\2010 Final Correspondence (Day File)\10-693-KO.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			5551			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47557#\Heersharepoint1\facilitysite%20documents\47557.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 22, 1996
Document No: 5552
Type: Undetermined
Title: Honolulu Harbor, Iwilei Unit Technical Workgroup Meeting
Imported From: 47538#\Heersharepoint1\facilitiesite%20documents\47538.pdf

iHEER System - Documents

Date : Feb 16, 1995
Document No: 5550
Type: Undetermined
Title: Honolulu Harbor: Meeting Invite: 03/03/95
Imported From: 47221#\Heersharepoint1\facilitiesite%20documents\47221.pdf

iHEER System - Documents

Date : Jan 23, 1995
Document No: 5549
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1995
Imported From: 47222#\Heersharepoint1\facilitiesite%20documents\47222.pdf

iHEER System - Documents

Date : Jan 5, 1978
Document No: 27337
Type: Undetermined
Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 1/5/1978
Imported From: 63299#\Heersharepoint1\facilitiesite%20documents\63299.pdf

iHEER System - Documents

Date : Jan 5, 1978
Document No: 27332
Type: Undetermined
Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 1/5/1978 with Overlay
Imported From: 63298#\Heersharepoint1\facilitiesite%20documents\63298.pdf

iHEER System - Documents

Date : Oct 9, 1974
Document No: 27334
Type: Undetermined
Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974
Imported From: \facilitiesite documents\media63301\Iwilei Aerial Photo Pic 8983090830 Date Flown 091974 Dup.pdf

iHEER System - Documents

Date : Oct 9, 1974
Document No: 27333
Type: Undetermined
Title: Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974
Imported From: 63301#\Heersharepoint1\facilitiesite%20documents\63301.pdf

iHEER System - Documents

Date : Oct 9, 1974

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			27336			
Type:			Undetermined			
Title:			Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974 with Overlay			
Imported From:			63300#\Heersharepoint1\facilitiesite%20documents\63300.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 1968			
Document No:			27335			
Type:			Undetermined			
Title:			Iwilei Aerial Photo Pic 89830/90830 Date Flown 2/6/1968			
Imported From:			63297#\Heersharepoint1\facilitiesite%20documents\63297.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 1968			
Document No:			27331			
Type:			Undetermined			
Title:			Iwilei Aerial Photo Pic 89830/90830 Date Flown 2/6/1968 with Overlay			
Imported From:			63245#\Heersharepoint1\facilitiesite%20documents\63245.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 27, 2021			
Document No:			180552			
Type:			Monitoring Report			
Title:			July 2021 Monthly inspection of Wells			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2021			
Document No:			180192			
Type:			Monitoring Report			
Title:			June 2021 Monthly Inspection of Wells			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 25, 2022			
Document No:			196716			
Type:			Monitoring Report			
Title:			June 2022 Quarterly Inspection Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 16, 2023			
Document No:			202757			
Type:			Undetermined			
Title:			June 2023 Well inspection Log			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 3, 2005			
Document No:			15776			
Type:			Comment Letter			
Title:			Letter describing requirements for NFA vs. LOC under the VRP			
Imported From:			2005-009#Q:\2005 Final Correspondence (Day File)\05-009-DB.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 16, 2016
Document No: 5559
Type: Undetermined
Title: Letter of Intent - Tiered Interim Strategy BEI Hawaii Facility 311 Pacific St, Honolulu HI
Imported From: 119633#\Heersharepoint1\facilitiesite%20documents\119633.pdf

iHEER System - Documents

Date : Jul 18, 2019
Document No: 170797
Type: Undetermined
Title: Lowe's Point of Contact Change
Imported From:

iHEER System - Documents

Date : Mar 26, 2021
Document No: 179258
Type: Monitoring Report
Title: March 2021 Monthly Inspection Notes
Imported From:

iHEER System - Documents

Date : May 6, 2021
Document No: 179786
Type: Monitoring Report
Title: May 2021 Well Inspection Report
Imported From:

iHEER System - Documents

Date : Jan 30, 1996
Document No: 5547
Type: Undetermined
Title: meeting 3/14/96
Imported From: 47497#\Heersharepoint1\facilitiesite%20documents\47497.pdf

iHEER System - Documents

Date : Mar 6, 2018
Document No: 15810
Type: Monitoring Report
Title: Monitoring Well Installation Summary Technical Memo BEI Hawaii Facility #306476
Imported From: \facilitiesite documents\media131061\BEI Well Installation Tech Memo_03062018.pdf

iHEER System - Documents

Date : Jul 22, 2019
Document No: 170794
Type: Monitoring Report
Title: Monitoring Well Repair and Abandonment
Imported From:

iHEER System - Documents

Date : Dec 4, 2019
Document No: 172315

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					Monitoring Well Repair and Abandonment Summary Report	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 4, 2011	
Document No:					202698	
Type:					Undetermined	
Title:					MW-63 Well Construction Boring Log	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Mar 7, 2013	
Document No:					15797	
Type:					Review Letter	
Title:					Review of Task 4 - Asbestos-Containing Materials and Lead-Based Paint Inspections Lowe's VRP BEI Hawaii Facility, Mar 4, 2013, by ESI	
Imported From:					2013-130#Q:\2013 Final Correspondence (Day File)\13-130-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 10, 2018	
Document No:					5574	
Type:					Monitoring Report	
Title:					Review of Union Oil Company of California, Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific St, Honolulu Hawaii	
Imported From:					2018-109#Q:\2018 Final Correspondence (Day File)\18-109 SPM.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 8, 2022	
Document No:					184589	
Type:					Review Letter	
Title:					Review of Well Abandonment Work Plan	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 25, 2015	
Document No:					15806	
Type:					Review Letter	
Title:					Review of: "EHMP, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu Hawaii", Mar 31, 2015, Revised, Jun 5, 2015, by Arcadis	
Imported From:					2015-412#Q:\2015 Final Correspondence (Day File)\15-412-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 4, 2015	
Document No:					15824	
Type:					Review Letter	
Title:					Review of: "Notice of Intent to Abandon Groundwater Monitoring Wells, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu Hawaii" dated Mar 2, 2015 by Arcadis	
Imported From:					2015-109#Q:\2015 Final Correspondence (Day File)\15-109-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 9, 2015	
Document No:					15835	
Type:					Review Letter	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Review of: "Notice of Intent to Abandon Groundwater Monitoring Wells, Brewer Environmental Industries, Chevron Facility #306476, 311 Pacific St, Honolulu Hawaii", Mar 9, 2015, by Arcadis	
Imported From:					2015-114#Q:\2015 Final Correspondence (Day File)\15-114-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 2, 2014	
Document No:					14617	
Type:					Review Letter	
Title:					Review of: • Arcadis's Response to Comment Letter, Nov 14, 2014, • Revised Task 5-EHE, 11/21/2014 by ESI, and • Program Team Reorganization and Schedule Update Notification, 11/21/2014 by Arcadis	
Imported From:					2014-584#Q:\2014 Final Correspondence (Day File)\14-584-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 6, 2019	
Document No:					15788	
Type:					Monitoring Report	
Title:					Review of: 4Q 2018 BEI Monitoring Well Condition Assessment and Repair Memo, BEI Hawaii Facility #306476, 311 Pacific Street, Honolulu Hawaii 96817 dated January 24, 2019 by Arcadis.	
Imported From:					2019-095#Q:\2019 Final Correspondence (Day File)\19-095 LC.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 30, 2020	
Document No:					178312	
Type:					Review Letter	
Title:					Review of: 4Q 2020 Monitoring Well Condition Assessment and Repair Memo	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Apr 28, 2015	
Document No:					15834	
Type:					Review Letter	
Title:					Review of: Abandonment of Monitoring Well Summary Letter Report, BEI Hawaii Facility, Chevron Facility #306476, 311 Pacific St, Apr 9, 2015, by ARCADIS	
Imported From:					2015-184#Q:\2015 Final Correspondence (Day File)\15-184-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 24, 2019	
Document No:					171351	
Type:					Review Letter	
Title:					Review of: Additional Monitoring Well Repair and Abandonment Work Plan, BEI Hawaii, Chevron Facility No. 306476, 311 Pacific Street, Honolulu, Hawaii dated July 22, 2019 by Arcadis.	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Aug 3, 2020	
Document No:					176247	
Type:					Review Letter	
Title:					Review of: BEI Monthly Inspection Action Plan, BEI Hawaii Facility #306476	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 5, 2015	
Document No:					15791	
Type:					Review Letter	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Review of: Draft Alternatives Portion of the RAA Report for Facility, 311 Pacific Street received by HEER Apr 29, 2015	
Imported From:					2015-203#Q:\2015 Final Correspondence (Day File)\15-203-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 15, 2015	
Document No:					15827	
Type:					Review Letter	
Title:					Review of: EHMP, BEI Hawaii Facility, 311 Pacific St, Mar 31, 2015, by ARCADIS	
Imported From:					2015-163#Q:\2015 Final Correspondence (Day File)\15-163-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 29, 2015	
Document No:					15809	
Type:					Review Letter	
Title:					Review of: Final Task 5 - EHE, BEI Facility, 311 Pacific St, Jan 28, 2015, by ESI	
Imported From:					2015-051#Q:\2015 Final Correspondence (Day File)\15-051-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 23, 2020	
Document No:					176181	
Type:					Review Letter	
Title:					Review of: First Semi-Annual Status Report Revision #1, BEI Hawaii, Chevron Facility No. 306476, 311 Pacific Street, Honolulu, Hawaii dated July 14, 2020 by Arcadis, and 2Q 2020 BEI Monitoring Well Condition Assessment Memo	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 27, 2019	
Document No:					172564	
Type:					Review Letter	
Title:					Review of: Monitoring Well Repair and Abandonment Summary Report, BEI Hawaii, Chevron Facility No. 306476, 311 Pacific Street, Honolulu, Hawaii dated December 4, 2019 by Arcadis.	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 18, 2015	
Document No:					15805	
Type:					Review Letter	
Title:					Review of: Response to Comments (File #15-163 JQN) EHMP, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					2015-218#Q:\2015 Final Correspondence (Day File)\15-218-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 7, 2014	
Document No:					14620	
Type:					Review Letter	
Title:					Review of: Revised "Task 4-Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu Hawaii", Jul 10, 2014, by ESI	
Imported From:					2014-343#Q:\2014 Final Correspondence (Day File)\14-343-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 11, 2013	
Document No:					15753	
Type:					Site Characterization Report	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Task 4 - Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					\\facilitysite documents\media106506\111098 BEI Task 4 Site Characterization Report 9-11-2013.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 11, 2013	
Document No:					15752	
Type:					Site Characterization Report	
Title:					Task 4 - Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					106506#\Heersharepoint1\facilitysite%20documents\106506.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 11, 2013	
Document No:					15754	
Type:					Site Characterization Report	
Title:					Task 4 - Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					\\facilitysite documents\media106506\111098 BEI Task 4 Site Characterization Attachments 9-11-2013 REVISED.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 4, 2013	
Document No:					14623	
Type:					Site Characterization Report	
Title:					Task 4 Asbestos-Containing Materials and Lead-Based Paint Inspections Lowe's VRP-BEI Hawaii, BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-023	
Imported From:					102442#\Heersharepoint1\facilitysite%20documents\102442.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 10, 2014	
Document No:					14629	
Type:					Site Characterization Report	
Title:					Task 4 Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					110361#\Heersharepoint1\facilitysite%20documents\110361.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 11, 2014	
Document No:					14622	
Type:					Site Characterization Report	
Title:					Task 4 Site Characterization, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					110360#\Heersharepoint1\facilitysite%20documents\110360.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 8, 2014	
Document No:					14616	
Type:					Environmental Hazard Evaluation Report	
Title:					Task 5 EHE, BEI Hawaii Facility, 311 Pacific St, Honolulu HI	
Imported From:					110990#\Heersharepoint1\facilitysite%20documents\110990.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 8, 2011	
Document No:					15821	
Type:					Site Characterization Work Plan	
Title:					Teleconference regarding construction of Parking Lot on BEI parcel, Jun 6, 2011	
Imported From:					2011-379#Q:\2011 Final Correspondence (Day File)\11-379-MS.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 8, 2017
Document No: 14621
Type: Undetermined
Title: Transfer of Project Management Brewer Environmental Industries 311 Pacific St, Honolulu Hawaii By Mail
Imported From: 125433#\Heersharepoint1\facilitsite%20documents\125433.pdf

iHEER System - Documents

Date : Mar 8, 2017
Document No: 14627
Type: Undetermined
Title: Transfer of Project Management, Brewer Environmental Industries, 311 Pacific St, Honolulu HI
Imported From: 125432#\Heersharepoint1\facilitsite%20documents\125432.pdf

iHEER System - Documents

Date : Jun 6, 2014
Document No: 15748
Type: Undetermined
Title: Transfer of Project Management, Brewer Environmental Industries, 311 Pacific St, Honolulu HI
Imported From: 110099#\Heersharepoint1\facilitsite%20documents\110099.pdf

iHEER System - Documents

Date : Feb 14, 2014
Document No: 5560
Type: Undetermined
Title: Transfer of Site Notification, Brewer Environmental Industries, 311 Pacific St, Honolulu HI
Imported From: 108970#\Heersharepoint1\facilitsite%20documents\108970.pdf

iHEER System - Documents

Date : Dec 4, 2019
Document No: 172314
Type: Monitoring Report
Title: Transmittal - Monitoring Well Repair and Abandonment Summary Report
Imported From:

iHEER System - Documents

Date : Dec 6, 2019
Document No: 172317
Type: Monitoring Report
Title: Transmittal - Second Semi-Annual Status Report
Imported From:

iHEER System - Documents

Date : Oct 29, 2021
Document No: 181517
Type: Undetermined
Title: Transmittal letter for September 2021 Groundwater monitoring Event Report
Imported From:

iHEER System - Documents

Date : Jan 11, 2018
Document No: 15811

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					Type VI Data Package	
Imported From:					130237#\Heersharepoint1\facilitsite%20documents\130237.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 15, 2021	
Document No:					180147	
Type:					Monitoring Report	
Title:					Union Oil Company of California First Semi-Annual Status Report BEI Hawaii, Chevron Facility No. 306476	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Sep 5, 2018	
Document No:					15780	
Type:					Monitoring Report	
Title:					Union Oil Company of California, First Semi -Annual Status Report BEI Hawaii Facility 311 Pacific Street, Honolulu HI 96817	
Imported From:					\facilitsite documents\media133278\FINAL_REVISED_BEI 1SA 2018 GWMR_09052018_full with lab reports.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 26, 2018	
Document No:					15767	
Type:					Undetermined	
Title:					New Project Manager for Brewer Environmental Industries- 311 Pacific Street, Honolulu Hawaii	
Imported From:					2018-291#Q:\2018 Final Correspondence (Day File)\18-291 LC.PDF	
<u>iHEER System - Documents</u>						
Date :					Oct 23, 2014	
Document No:					14619	
Type:					Review Letter	
Title:					Review of: Revised Task 5-EHE, BEI Facility, 311 Pacific Street", Oct 8, 2014, by ESI	
Imported From:					2014-536#Q:\2014 Final Correspondence (Day File)\14-536-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 30, 2020	
Document No:					177634	
Type:					Review Letter	
Title:					Review of: Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility No. 306476	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Sep 5, 2018	
Document No:					15781	
Type:					Monitoring Report	
Title:					Union Oil Company of California, First Semi -Annual Status Report BEI Hawaii Facility 311 Pacific Street, Honolulu HI 96817	
Imported From:					\facilitsite documents\media133278\Trns ltr - Final BEI 1SA 2018 Rpt_20180905.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 16, 2018	
Document No:					15761	
Type:					Monitoring Report	
Title:					Union Oil Company of California, First Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific St, Honolulu HI	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\facilitysite documents\media132342\BEI 1SA 2018 GWMR_07092018_full.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 16, 2018					
Document No:	15760					
Type:	Monitoring Report					
Title:	Union Oil Company of California, First Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific St, Honolulu HI					
Imported From:		\facilitysite documents\media132342\Trns ltr - Final BEI 1SA 2018 Rpt_20180709.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 18, 2018					
Document No:	15762					
Type:	Monitoring Report					
Title:	Union Oil Company of California, Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific Street, Honolulu Hawaii					
Imported From:		\facilitysite documents\media134799\BEI Report - 2SA 2018 GWM.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 18, 2018					
Document No:	15763					
Type:	Monitoring Report					
Title:	Union Oil Company of California, Second Semi-Annual Status Report, BEI Hawaii, Chevron Facility #306476, 311 Pacific Street, Honolulu Hawaii					
Imported From:		\facilitysite documents\media134799\Trns ltr - Final BEI 2SA 2018 Rpt_20181218.pdf				
<u>iHEER System - Documents</u>						
Date :	May 7, 1992					
Document No:	15818					
Type:	Environmental Assessment					
Title:	Unocal's Apr 30, 1992 letter re: Brewer Chemical					
Imported From:		1427#\Heersharepoint1\facilitysite%20documents\1427.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 3, 2014					
Document No:	14633					
Type:	Agreement					
Title:	Voluntary Response Program Deliverable Schedule Update					
Imported From:		110330#\Heersharepoint1\facilitysite%20documents\110330.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 27, 2014					
Document No:	14630					
Type:	Agreement					
Title:	Voluntary Response Program Proposed Schedule, Brewer Environmental Industries, 311 Pacific St, Honolulu HI					
Imported From:		109291#\Heersharepoint1\facilitysite%20documents\109291.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 27, 2023					
Document No:	200279					
Type:	Undetermined					
Title:	Well Abandonment Report					
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 25, 2022
Document No: 184590
Type: Undetermined
Title: Well Abandonment Work Plan
Imported From:

iHEER System - Locations Details

Locations ID: 5272
Location Type: EHMP
Description: EHMP Brewer Pacific St
Comment : Google Earth
Centroid: POINT (-157.87233887570196 21.314445609635978)
Geometry:

POLYGON ((-157.87370238912649 21.314518010052385, -157.87168000352781 21.315157687033011, -157.87141178262783 21.314380579087242, -157.87143860471426 21.314045746742881, -157.87157807958872 21.313935801627789, -157.87164245260146 21.313893322810419, -157.87178729189139 21.313890824056475, -157.8719696821077 21.313893322810419, -157.87245784414134 21.313960789161094, -157.87279580247846 21.314033252983982, -157.8729996503657 21.314065736754731, -157.8731552184866 21.314115711773695, -157.873316151032 21.314193173017848, -157.87358973634744 21.314388075324793, -157.87370238912649 21.314518010052385))

iHEER System - Locations Details

Locations ID: 5273
Location Type: SC
Description: Brewer Environmental
Comment :
Centroid: POINT (-157.87241200000003 21.314498000000011)
Geometry:

POINT (-157.87241200000003 21.314498000000011)

Site Details

Centroid: POINT (-157.87241200000003 21.314498000000011)
Updated On: 9/20/2021 2:12:31 PM
Coordinates: 21.314498000000011,-157.87241200000003

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Lowe's Iwilei VRP Lowes

iHEER System - Aliases

Name: VRP-25, Voluntary Response Program 25

iHEER System - Aliases

Name: Construction EHMP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		Chevron Facility 306476				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Tosco Honolulu Bulk Distribution Terminal				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Low Priority Site				
<u>iHEER System - Aliases</u>						
Name:		BEI				

253	1 of 1	N	0.76 / 4,007.11	6.56 / 3	HART Kuwili Station (Iwilei) 533 Kaaahi St, 537 Kaaahi St, 545 Kaaahi St, 504 Kuwili St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 108
Site Name (Public iHEER): HART Kuwili Station (Iwilei)
Aliases (Public iHEER): Brownfields Funded, Former General Printing Company, Former Nuuanu Auto Company, HART Iwilei Station, HECO Parking Lot and Alley, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (HRTP), SLR 3.2ft Flooding
Street (Public iHEER): 533 Kaaahi St, 537 Kaaahi St, 545 Kaaahi St, 504 Kuwili St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/20/2021 10:12:04 AM
Ms Access ID (Public iHEER): 3286
Suppl Loc (Public iHEER): Iwilei
Tax Map Keys (Public iHEER): 115007016, 115007021, 115007023
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 108
Site Name (PORTAL): HART Kuwili Station (Iwilei)
Loc Desc (PORTAL): Iwilei
Address (PORTAL): 533 Kaaahi St, 537 Kaaahi St, 545 Kaaahi St, 504 Kuwili St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Lynn Bailey
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/108/details/view>

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Oct 10, 2015
Document No: 178036
Type: Phase II Environmental Site Assessment
Title: 2015 REVISION B PHASE II ENVIRONMENTAL SITE ASSESSMENT 533/537 KA'AAHI STREET
Imported From:

iHEER System - Documents

Date : Nov 2, 2020
Document No: 178370
Type: Hazardous Substance Written Follow-Up Notification
Title: 20201026-1427TC Release Report D-12 Iwilei Road
Imported From:

iHEER System - Documents

Date : Mar 30, 2022
Document No: 183699
Type: Comment Letter
Title: Acceptance of Response to Comments Iwilei Phase II 1,3,5
Imported From:

iHEER System - Documents

Date : Jan 7, 2021
Document No: 178380
Type: Review Letter
Title: Area 2 4 Iwilei Station RACR_HDOH_RTC_Response_Cover
Imported From:

iHEER System - Documents

Date : Jan 7, 2021
Document No: 178375
Type: Review Letter
Title: Area 2 4 Iwilei Station RACR_HDOH_RTC_Response_1-7-21
Imported From:

iHEER System - Documents

Date : Dec 28, 2020
Document No: 178363
Type: Review Letter
Title: Areas 2 & 4 Iwilei Station RACR Response to DOH Comments
Imported From:

iHEER System - Documents

Date : Mar 15, 2022
Document No: 183479
Type: Undetermined
Title: Comment Responses Phase II 1,3,5
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Apr 7, 2020				
Document No:		174103				
Type:		Concurrence Letter				
Title:		Concurrence with Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Revision 0, Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 7, 2020				
Document No:		174105				
Type:		Concurrence Letter				
Title:		Concurrence with Work Plan Revision 0, Further Characterization and Remedial Action Oversight at Iwilei Station, Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 28, 2020				
Document No:		178364				
Type:		Review Letter				
Title:		Cover letter Areas 2 & 4 Iwilei Station RACR Response to DOH Comments				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 14, 2020				
Document No:		176331				
Type:		Site Characterization Work Plan				
Title:		Coverletter Rev 1 Characterization WP Addendum				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 15, 2020				
Document No:		176336				
Type:		Removal Action Work Plan				
Title:		Coverletter, REVISION 1 Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 2, 2020				
Document No:		177033				
Type:		Removal Action Completion Report				
Title:		CV RACR Areas 2 and 4				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 3, 2020				
Document No:		177031				
Type:		Phase II Environmental Site Assessment				
Title:		CV REVISION 0, Phase II Environmental Site Assessment Report for Areas 1, 3, and 5 of the Iwilei Station (504 Kuwili Street and KaamahuPlace) Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 17, 2020				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			178175			
Type:					Hazardous Substance Written Follow-Up Notification	
Title:					D-12 HART Petroleum Release from 10" Pipeline along Iwilei Road	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 13, 2020			
Document No:			172838			
Type:					Site Characterization Work Plan	
Title:					Further Characterization and Remedial Action Oversight at Iwilei Station, Hawaii, Rev. 0	
Imported From:					ePermitting	
<u>iHEER System - Documents</u>						
Date :			Feb 10, 2021			
Document No:			178788			
Type:					Review Letter	
Title:					HART-COR-00683 HART HDOH Iwilei Station RACR RTCs HEER-CoverLetter-v1.pdf	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 4, 2020			
Document No:			177076			
Type:					Phase II Environmental Site Assessment	
Title:					HEER CV Revision 0 City Center Group 3 Phase II Environmental Site Assessment and Site Characterization Work Plan Honolulu, Oahu, Hawaii Honolulu Rail Transit Project June 2020	
Imported From:					email	
<u>iHEER System - Documents</u>						
Date :			Nov 20, 2020			
Document No:			178202			
Type:					Undetermined	
Title:					Iwilei Station WPA RTCs-v2.pdf	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2020			
Document No:			178203			
Type:					Undetermined	
Title:					Iwilei WPA RTCs HEER Upload-v2.pdf	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 3, 2021			
Document No:			179969			
Type:					Removal Action Report	
Title:					NR Remedial Action Completion Report for Areas 2 and 4 of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii	
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 15, 2022			
Document No:			183480			
Type:					Undetermined	
Title:					Phase II Comment Responses	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Mar 10, 2022
Document No: 183390
Type: Comment Letter
Title: Phase II ESA for areas 1, 3 and 5 Comment Letter
Imported From:

iHEER System - Documents

Date : Mar 30, 2020
Document No: 173910
Type: Comment Letter
Title: RAWP RTCs Ver2
Imported From:

iHEER System - Documents

Date : Mar 4, 2020
Document No: 173466
Type: Site Characterization Report
Title: Response to HDoH Comments on the Site characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii, Revision 0, December 2019
Imported From: ePermitting

iHEER System - Documents

Date : Apr 14, 2020
Document No: 176332
Type: Site Characterization Work Plan
Title: REVI 1 WORK PLAN ADDENDUM Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Nov 23, 2020
Document No: 177701
Type: Review Letter
Title: Review of Rev. 0, Remedial Action Completion Report for Areas 2 and 4 of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street), Honolulu, Oahu, Hawaii Dated October 2020.
Imported From:

iHEER System - Documents

Date : Feb 20, 2020
Document No: 173217
Type: Review Letter
Title: Review of Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537Kaaahi Street), Revision 0, dated December 2019
Imported From:

iHEER System - Documents

Date : Feb 21, 2020
Document No: 173250
Type: Review Letter
Title: Review of Work Plan Addendum, Further Characterization and Remedial Action Oversight at Iwilei Station,
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Honolulu, Oahu, Hawaii, Revision 0, dated January 2020

Imported From:

iHEER System - Documents

Date : Jun 4, 2020
Document No: 177077
Type: Phase II Environmental Site Assessment
Title: Revision 0 City Center Group 3 Phase II Environmental Site Assessment and Site Characterization Work Plan Honolulu, Oahu, Hawaii Honolulu Rail Transit Project June 2020
Imported From: email

iHEER System - Documents

Date : Sep 3, 2020
Document No: 177030
Type: Phase II Environmental Site Assessment
Title: REVISION 0, Phase II Environmental Site Assessment Report for Areas 1, 3, and 5 of the Iwilei Station (504 Kuwili Street and KaamahuPlace) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Oct 2, 2020
Document No: 177034
Type: Removal Action Completion Report
Title: REVISION 0, Remedial Action Completion Report for Areas 2 and 4 of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Apr 15, 2020
Document No: 176337
Type: Removal Action Work Plan
Title: REVISION 1 Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Jun 4, 2020
Document No: 177075
Type: Phase II Environmental Site Assessment
Title: SHWB CVRevision 0 City Center Group 3 Phase II Environmental Site Assessment and Site Characterization Work Plan Honolulu, Oahu, Hawaii Honolulu Rail Transit Project June 2020
Imported From: email

iHEER System - Documents

Date : Dec 27, 2019
Document No: 172817
Type: Removal Action Work Plan
Title: Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545Kaaahi Street and 533/537 Kaaah iStreet) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Mar 4, 2020
Document No: 173467

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Site Characterization Report
Title: Transmittal Letter - Response to HDoH Comments on the Site characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Street and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii, Revision 0, December 2019
Imported From: ePermitting

iHEER System - Documents

Date : Mar 30, 2020
Document No: 173908
Type: Comment Letter
Title: Transmittal Letter RAWP RTCs Ver 2
Imported From:

iHEER System - Documents

Date : Jan 13, 2020
Document No: 172837
Type: Site Characterization Work Plan
Title: Transmittal Letter, Iwilei Station Work Plan Addendum
Imported From: ePermitting

iHEER System - Documents

Date : Dec 27, 2019
Document No: 172816
Type: Removal Action Work Plan
Title: Transmittal Letter, Site Characterization Results and Remedial Action Oversight Work Plan for Part of the Iwilei Station (545 Kaaahi Sreet and 533/537 Kaaahi Street) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Locations Details

Locations ID: 4366
Location Type: SC
Description: Former General Printing
Comment : Google Earth
Centroid: POINT (-157.866525 21.317495000000015)
Geometry:

POINT (-157.866525 21.317495000000015)

iHEER System - Locations Details

Locations ID: 4367
Location Type: SC
Description: Former Nuuanu Auto
Comment : Google Earth
Centroid: POINT (-157.866461 21.317894999999993)
Geometry:

POINT (-157.866461 21.317894999999993)

iHEER System - Locations Details

Locations ID: 4368
Location Type: SC
Description: HECO Lot 504 Kuwili St
Comment : Google Earth
Centroid: POINT (-157.866918 21.318200000000019)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Geometry:

POINT (-157.866918 21.318200000000019)

iHEER System - Locations Details

Locations ID: 4644
Location Type: SC
Description: Additional Sampling Loc
Comment : Google Earth
Centroid: POINT (-157.867299 21.318516999999996)
Geometry:

POINT (-157.867299 21.318516999999996)

iHEER System - Locations Details

Locations ID: 4645
Location Type: SC
Description: HECO Alley
Comment : Google Earth
Centroid: POINT (-157.866617 21.317660000000007)
Geometry:

POINT (-157.866617 21.317660000000007)

Site Details

Centroid: POINT (-157.866525 21.317495000000015)
Updated On: 9/20/2021 10:12:04 AM
Coordinates: 21.317495000000015,-157.866525

Site Details

Centroid: POINT (-157.866617 21.317660000000007)
Updated On: 9/20/2021 10:12:04 AM
Coordinates: 21.317660000000007,-157.866617

Site Details

Centroid: POINT (-157.866461 21.317894999999993)
Updated On: 9/20/2021 10:12:04 AM
Coordinates: 21.317894999999993,-157.866461

Site Details

Centroid: POINT (-157.867299 21.318516999999996)
Updated On: 9/20/2021 10:12:04 AM
Coordinates: 21.318516999999996,-157.867299

Site Details

Centroid: POINT (-157.866918 21.318200000000019)
Updated On: 9/20/2021 10:12:04 AM
Coordinates: 21.318200000000019,-157.866918

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Former General Printing Company				
<u>iHEER System - Aliases</u>						
Name:		HECO Parking Lot and Alley				
<u>iHEER System - Aliases</u>						
Name:		Former Nuuanu Auto Company				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project (HHCTCP)				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Funded				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Rail Transit Project (HRTTP)				
<u>iHEER System - Aliases</u>						
Name:		HART Iwilei Station				

254	1 of 1	NNW	0.77 / 4,061.31	6.56 / 3	Travel Plaza Transportation 818 Pine St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 586
Site Name (Public iHEER): Travel Plaza Transportation
Aliases (Public iHEER): Honolulu Harbor, Honolulu Harbor Iwilei Unit, JTB Overseas Development Corporation, SLR 3.2ft Flooding, Travel Plaza Transportation, LLC
Street (Public iHEER): 818 Pine St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/3/2020 4:41:14 PM
Ms Access ID (Public iHEER): 906
Suppl Loc (Public iHEER): 818 Pine St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115009013
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 586

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name (PORTAL):		Travel Plaza Transportation				
Loc Desc (PORTAL):		818 Pine St, Honolulu, HI 96817				
Address (PORTAL):		818 Pine St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/586/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Dec 29, 2000
Document No: 47176
Type: Undetermined
Title: 12/29/2000
Imported From: 88#\Heersharepoint1\facilitiesite%20documents\88.pdf

iHEER System - Documents

Date : Aug 31, 2000
Document No: 47174
Type: Undetermined
Title: 8/31/2000
Imported From: 178#\Heersharepoint1\facilitiesite%20documents\178.pdf

iHEER System - Documents

Date : Jul 22, 1997
Document No: 47184
Type: Undetermined
Title: Groundwater Assessment Travel Plaza Transportation Inc, 818 Pine St, Honolulu HI
Imported From: 39941#\Heersharepoint1\facilitiesite%20documents\39941.pdf

iHEER System - Documents

Date : Aug 8, 2000
Document No: 47186
Type: Undetermined
Title: Honolulu Harbor Contaminated Area Iwilei Section
Imported From: 605#\Heersharepoint1\facilitiesite%20documents\605.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 181024
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From:

iHEER System - Documents

Date : Oct 26, 1999
Document No: 181023
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 13, 2000
Document No: 47177
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 2000-323#Q:\2000 Final Correspondence (Day File)\00-323-LY.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 47182
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 2000-327#Q:\2000 Final Correspondence (Day File)\00-327-LY.pdf

iHEER System - Documents

Date : May 22, 2006
Document No: 26405
Type: No Further Action Determination Letter
Title: No Further Action letter
Imported From: 2006-315#Q:\2006 Final Correspondence (Day File)\06-315-CAC.pdf

iHEER System - Documents

Date : May 18, 2006
Document No: 47172
Type: Undetermined
Title: Response to Request for status of property/site conditions
Imported From: 2006-309#Q:\2006 Final Correspondence (Day File)\06-309-CAC.pdf

iHEER System - Documents

Date : Sep 26, 1997
Document No: 47183
Type: Undetermined
Title: Storm Water Pollution Control Plan Travel Plaza Transportation Inc, 818 Pine St, Honolulu HI
Imported From: 39945#\Heersharepoint1\facilitiesite%20documents\39945.pdf

iHEER System - Documents

Date : Oct 30, 1994
Document No: 47188
Type: Undetermined
Title: Summary Report Environmental Sampling, Testing and Consultation Travel Plaza Transportation Maintenance Facility 818 Pine St, Honolulu HI
Imported From: 39942#\Heersharepoint1\facilitiesite%20documents\39942.pdf

iHEER System - Documents

Date : Oct 7, 1999
Document No: 47181
Type: Undetermined
Title: Summary Table
Imported From: 111588#\Heersharepoint1\facilitiesite%20documents\111588.pdf

iHEER System - Documents

Date : Mar 30, 1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 47187
Type: Undetermined
Title: UST Closure and Short-Term Release Response Report, Travel Plaza Transportation Inc, 818 Pine St, Honolulu HI 96817
Imported From: 39943#\Heersharepoint1\facilitysite%20documents\39943.pdf

iHEER System - Documents

Date : Sep 10, 1996
Document No: 47185
Type: Undetermined
Title: UST Closure Site Assessment Travel Plaza Transportation Inc, 818 Pine St, Honolulu HI
Imported From: 39944#\Heersharepoint1\facilitysite%20documents\39944.pdf

iHEER System - Locations Details

Locations ID: 1185
Location Type: SC
Description: 818 Pine Street
Comment : Google Maps
Centroid: POINT (-157.86801 21.317578999999991)
Geometry:

POINT (-157.86801 21.317578999999991)

iHEER System - Locations Details

Locations ID: 5897
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86821838407468 21.317499956601392)
Geometry:

POLYGON ((-157.86798883681362 21.317771183813225, -157.86793251042408 21.317383886617115, -157.86832947735854 21.317176494795152, -157.8683589816527 21.317164001302633, -157.86844749455312 21.317378889227122, -157.86846090559183 21.317411372258583, -157.86849577431045 21.317698721834152, -157.86798883681362 21.317771183813225))

Site Details

Centroid: POINT (-157.86801 21.317578999999991)
Updated On: 6/3/2020 4:41:14 PM
Coordinates: 21.317578999999991,-157.86801

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Name: Travel Plaza Transportation, LLC

iHEER System - Aliases

Name: JTB Overseas Development Corporation

255	1 of 1	N	0.77 / 4,068.66	6.56 / 3	922 Kaamahu Place 922 Kaamahu Pl Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 254
Site Name (Public iHEER): 922 Kaamahu Place
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 922 Kaamahu Pl
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/29/2020 3:55:18 PM
Ms Access ID (Public iHEER): 2613
Suppl Loc (Public iHEER): 922 Kaamahu Pl, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115007048
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 254
Site Name (PORTAL): 922 Kaamahu Place
Loc Desc (PORTAL): 922 Kaamahu Pl, Honolulu, HI 96817
Address (PORTAL): 922 Kaamahu Pl
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/254/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Mar 24, 2017
Document No: 155900
Type: Review Letter
Title: Approval of the SAP for 922 Kaamahu Place under the City and County Brownfields Area Wide Assessment Grant
Imported From: 17-091 MGC.pdf

iHEER System - Documents

Date : Mar 1, 2018
Document No: 155898
Type: Phase II Environmental Site Assessment
Title: Phase II ESA REPORT, 922 Kaamahu Place, Honolulu HI TMK 1-5-007:048
Imported From: 131515.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 24, 2017
Document No: 155899
Type: Site Characterization Work Plan
Title: SAP Phase II ESA 922 Kaahamu Place, Honolulu HI
Imported From: 125613.pdf

iHEER System - Locations Details

Locations ID: 5870
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86551590871571 21.317869477860828)
Geometry:

POLYGON ((-157.86544380488778 21.318012170471597, -157.86559937300868 21.318012170471597, -157.86558596196997 21.317722322819058, -157.8654330760568 21.317729818886853, -157.86544380488778 21.318012170471597))

iHEER System - Locations Details

Locations ID: 3051
Location Type: SC
Description: 922 Kaamahu Place
Comment : Google Earth and Address
Centroid: POINT (-157.865535 21.317860999999986)
Geometry:

POINT (-157.865535 21.317860999999986)

Site Details

Centroid: POINT (-157.865535 21.317860999999986)
Updated On: 5/29/2020 3:55:18 PM
Coordinates: 21.317860999999986,-157.865535

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

256	1 of 1	SE	0.77 / 4,069.25	3.28 / 0	Kewalo Basin NOAA Parcel and Charter Building 1025 Ala Moana Blvd Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 2478
Site Name (Public iHEER): Kewalo Basin NOAA Parcel and Charter Building
Aliases (Public iHEER): Kewalo Basin "NOAA" Parcel and Charter Building, SLR 3.2ft Flooding
Street (Public iHEER): 1025 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Consultation
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 4/28/2020 1:59:21 PM
Ms Access ID (Public iHEER): 3219

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Suppl Loc (Public iHEER):		1025 Ala Moana Blvd, 1125 Ala Moana Blvd				
Tax Map Keys (Public iHEER):		121058133, 121058135				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2478				
Site Name (PORTAL):		Kewalo Basin NOAA Parcel and Charter Building				
Loc Desc (PORTAL):		1025 Ala Moana Blvd, 1125 Ala Moana Blvd				
Address (PORTAL):		1025 Ala Moana Blvd Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		Consultation				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2478/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date :	Oct 3, 2018
Document No:	168801
Type:	Undetermined
Title:	Pre-Assessment Consultation for Kewalo Basin "NOAA" Parcel and Charter Building Repurposing Renovations in Kakaako, TMK 1-2-1058:133 and 135
Imported From:	133762#\Heersharepoint1\facilitiesite%20documents\133762.pdf

iHEER System - Locations Details

Locations ID:	5429
Location Type:	SB
Description:	NOAA Parcel
Comment :	TMK 121058135
Centroid:	POINT (-157.85820552395666 21.291713679578002)
Geometry:	

POLYGON ((-157.85765975166453 21.291778379691724, -157.85830616403575 21.292130756654988, -157.85881578374932 21.291553457783923, -157.85857438493574 21.291540962112379, -157.85857974935121 21.29146348892462, -157.85788237500591 21.291406008791739, -157.85765975166453 21.291778379691724))

iHEER System - Locations Details

Locations ID:	5430
Location Type:	SC
Description:	NOAA Parcel
Comment :	Placed by RPM
Centroid:	POINT (-157.858132 21.291912999999994)
Geometry:	

POINT (-157.858132 21.291912999999994)

iHEER System - Locations Details

Locations ID:	5431
Location Type:	SB
Description:	Charter Building
Comment :	TMK 121058133
Centroid:	POINT (-157.85554342442052 21.293690455028127)
Geometry:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POLYGON ((-157.8557299022599 21.29390012608421, -157.85582914400024 21.293740183960196, -157.85535975742081 21.293480277638256, -157.85525783347271 21.293642719143424, -157.8557299022599 21.29390012608421))

iHEER System - Locations Details

Locations ID: 5432
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.855569 21.293695000000003)
Geometry:

POINT (-157.855569 21.293695000000003)

Site Details

Centroid: POINT (-157.858132 21.291912999999994)
Updated On: 4/28/2020 1:59:21 PM
Coordinates: 21.291912999999994,-157.858132

Site Details

Centroid: POINT (-157.855569 21.293695000000003)
Updated On: 4/28/2020 1:59:21 PM
Coordinates: 21.293695000000003,-157.855569

iHEER System - Aliases

Name: Kewalo Basin "NOAA" Parcel and Charter Building

iHEER System - Aliases

Name: SLR 3.2ft Flooding

257	1 of 1	N	0.77 / 4,088.37	6.56 / 3	916 Kaamahu Place 916 Kaamahu PI Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1517
Site Name (Public iHEER): 916 Kaamahu Place
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 916 Kaamahu PI
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2611
Suppl Loc (Public iHEER): 916 Kaamahu PI
Tax Map Keys (Public iHEER): 115007049
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Suppl Loc Text(Non Public):

iHEER ID (PORTAL): 1517
Site Name (PORTAL): 916 Kaamahu Place
Loc Desc (PORTAL): 916 Kaamahu Pl
Address (PORTAL): 916 Kaamahu Pl
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1517/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Mar 24, 2017
Document No: 155896
Type: Review Letter
Title: Approval of the SAP for 916 Kaamahu Place under the City and County Brownfields Area Wide Assessment Grant
Imported From: 17-090 MGC.pdf

iHEER System - Documents

Date : Mar 24, 2017
Document No: 155897
Type: Site Characterization Work Plan
Title: SAP Phase II ESA 916 Kaahamu Place, Honolulu HI
Imported From: 125379.pdf

iHEER System - Locations Details

Locations ID: 3052
Location Type: SC
Description:
Comment : Google Earth
Centroid: POINT (-157.865691 21.317874)
Geometry:

POINT (-157.865691 21.317874)

iHEER System - Locations Details

Locations ID: 5871
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86569080426327 21.317874273146671)
Geometry:

POLYGON ((-157.8657580595233 21.318004179672567, -157.8657526951078 21.317739318895391, -157.86562394907332 21.317741817583855, -157.8656293134888 21.318011675725145, -157.8656293134888 21.318011675725145, -157.8657580595233 21.318004179672567))

Site Details

Centroid: POINT (-157.865691 21.317874)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.317874,-157.865691

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

258	1 of 2	N	0.78 / 4,098.22	6.56 / 3	Nuuanu Auto Company Ltd 545 Kaaahi St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2394
Site Name (Public iHEER): Nuuanu Auto Company Ltd
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Former Nuuanu Auto Company, HART Kuwili Station (Iwilei), Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (HRTTP), Iwilei Station, Nuuanu Auto Company LTD
Street (Public iHEER): 545 Kaaahi St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/3/2020 4:49:27 PM
Ms Access ID (Public iHEER): 2047
Suppl Loc (Public iHEER): 545 Kaaahi St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115007021
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2394
Site Name (PORTAL): Nuuanu Auto Company Ltd
Loc Desc (PORTAL): 545 Kaaahi St, Honolulu, HI 96817
Address (PORTAL): 545 Kaaahi St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2394/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 26, 2018
Document No: 140309
Type: Undetermined
Title: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Revision 0
Imported From: \facilitysite documents\media132432\HART_IwileiStation_WP_Rev0_2018-07.pdf

iHEER System - Documents

Date : Jul 26, 2018
Document No: 140308
Type: Undetermined
Title: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Revision 0
Imported From: \facilitysite documents\media132432\132432.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 7, 2018
Document No: 140310
Type: Undetermined
Title: Review of HDOH Review of Work Plan Revision 0, Further Characterization and Remedial Action Oversight at Iwilei Station, Honolulu, Oahu, Hawaii, dated July 2018, submitted July 27, 2018
Imported From: 2018-261#Q:\2018 Final Correspondence (Day File)\18-261-lmb.pdf

iHEER System - Locations Details

Locations ID: 3604
Location Type: SC
Description: 545 Kaaahi Street
Comment : Google Maps
Centroid: POINT (-157.866607 21.31782200000001)
Geometry:

POINT (-157.866607 21.31782200000001)

iHEER System - Locations Details

Locations ID: 5898
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86659588986893 21.317838779164944)
Geometry:

POLYGON ((-157.86637672634902 21.317894230954622, -157.86661276074707 21.317894230954622, -157.8666824981843 21.317984183630127, -157.86676296445248 21.317984183630127, -157.86680856200209 21.318006671789764, -157.86681660863428 21.317834262473667, -157.86674150678158 21.317784288720283, -157.86666908713661 21.317751805772179, -157.86658057423622 21.317721821505664, -157.86650279017576 21.317711826748528, -157.86642500611532 21.317716824127185, -157.86638745518894 21.317734314950719, -157.86636331531031 21.317766797902706, -157.86636331531031 21.317891732267924, -157.86637672634902 21.317894230954622))

Site Details

Centroid: POINT (-157.866607 21.31782200000001)
Updated On: 6/3/2020 4:49:27 PM
Coordinates: 21.31782200000001,-157.866607

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Rail Transit Project (H RTP)

iHEER System - Aliases

Name: HART Kuwili Station (Iwilei)

iHEER System - Aliases

Name: Nuuanu Auto Company LTD

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Former Nuuanu Auto Company				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project (HHCTCP)				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Low Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Iwilei Station				

258	2 of 2	N	0.78 / 4,098.22	6.56 / 3	Former Nuuanu Auto Company 545 Kaaahi St Honolulu HI	DELISTED SHWS
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259	1 of 2	NNW	0.78 / 4,102.10	3.28 / 0	Chevron Tanker Truck Loading Rack (TTLR) 356 Pacific St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 33
Site Name (Public iHEER): Chevron Tanker Truck Loading Rack (TTLR)
Aliases (Public iHEER): 115, 356 Pacific Street BWS Trenching Sheen, Dole Iwilei, Former Chevron Facility No. 359067, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, LTM, SLR 3.2ft Flooding, Vapor Barrier
Street (Public iHEER): 356 Pacific St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/15/2021 2:52:25 PM
Ms Access ID (Public iHEER): 1939
Suppl Loc (Public iHEER): 356 Pacific St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115010009, 115010014, 115010016, 115010017
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 33
Site Name (PORTAL): Chevron Tanker Truck Loading Rack (TTLR)
Loc Desc (PORTAL): 356 Pacific St, Honolulu, HI 96817
Address (PORTAL): 356 Pacific St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Fenix Grange
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/33/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Nov 16, 2018	
Document No:					131954	
Type:					Undetermined	
Title:					Review of: Draft Remedial Action Memorandum, 356 Pacific Street (Facility # 359067), Honolulu Hawaii, TMK 1-5-010:009 by AECOM on October 2018.	
Imported From:					2018-349#Q:\2018 Final Correspondence (Day File)\18-349 LC.PDF	
<u>iHEER System - Documents</u>						
Date :					May 20, 2019	
Document No:					131985	
Type:					Undetermined	
Title:					Review of: Draft Remedial Action Memorandum, 356 Pacific Street, Honolulu, Hawaii, Tax Map Key 1-5-010:009, by AECOM on April 23, 2019.	
Imported From:					2019-334#Q:\2019 Final Correspondence (Day File)\19-334 LC.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 19, 2020	
Document No:					177094	
Type:					Comment Letter	
Title:					Review of: Notice of Removal of Polycyclic Aromatic Hydrocarbon (PAH) Homologue Compounds from Groundwater Monitoring Program	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Oct 20, 2014	
Document No:					131942	
Type:					Undetermined	
Title:					Review of: Phase II ESA 365 Pacific St, Honolulu Hawaii, Oct 10, 2014, by URS	
Imported From:					2014-520#Q:\2014 Final Correspondence (Day File)\14-520-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 24, 2012	
Document No:					131941	
Type:					Undetermined	
Title:					356 Pacific St, Honolulu HI	
Imported From:					101219#\Heersharepoint1\facilitiesite%20documents\101219.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 30, 2012	
Document No:					131946	
Type:					Undetermined	
Title:					356 Pacific St, Honolulu HI	
Imported From:					98944#\Heersharepoint1\facilitiesite%20documents\98944.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 21, 2018	
Document No:					131987	
Type:					Remedial Alternatives Analysis Report	
Title:					356 Pacific Street Remedial Alternative Analysis	
Imported From:					\facilitiesite documents\media132137\Memo Style.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jun 21, 2018			
Document No:			131988			
Type:			Remedial Alternatives Analysis Report			
Title:			356 Pacific Street Remedial Alternative Analysis			
Imported From:			\facilitysite documents\media132137\356 Pacific Street - RAA - June 2018.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2018			
Document No:			131958			
Type:			Remedial Alternatives Analysis Report			
Title:			56 Pacific St RAA & RAM			
Imported From:			\facilitysite documents\media134792\RTCs to 11-19-18 DOH Ltr (RAM Review) - 356 Pacific St_12032018.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2018			
Document No:			131959			
Type:			Remedial Alternatives Analysis Report			
Title:			56 Pacific St RAA & RAM			
Imported From:			\facilitysite documents\media134792\RTCs to 10-31-18 DOH Ltr (RAA Review) Amended with 11-13-18 DOH Ltr - 356 Pacific St.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2023			
Document No:			200508			
Type:			Monitoring Report			
Title:			Annual Inspection			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 23, 2019			
Document No:			170765			
Type:			Undetermined			
Title:			Cover Letter			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 9, 2018			
Document No:			131968			
Type:			Response Action Memorandum			
Title:			DRAFT Remedial Action MEMORANDUM 356 PACIFIC St, Honolulu HI, TMK 1-5-010:009			
Imported From:			133823#\Heersharepoint1\facilitysite%20documents\133823.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2016			
Document No:			131956			
Type:			Environmental Hazard Management Plan			
Title:			EHE and EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-1-5-010-009			
Imported From:			\facilitysite documents\media123555\356 Pacific Street Honolulu (EHE and EHMP).pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2016			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			131955			
Type:			Undetermined			
Title:			EHE and EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-1-5-010-009			
Imported From:			\facilitsite documents\media123555\Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2016			
Document No:			131957			
Type:			Environmental Hazard Management Plan			
Title:			EHE and EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-1-5-010-009			
Imported From:			\facilitsite documents\media123555\123555.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 2017			
Document No:			131948			
Type:			Environmental Hazard Management Plan			
Title:			EHE and Interim EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-5-010-009			
Imported From:			\facilitsite documents\media127617\transmittal letter.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 2017			
Document No:			131950			
Type:			Environmental Hazard Management Plan			
Title:			EHE and Interim EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-5-010-009			
Imported From:			\facilitsite documents\media127617\356 Pacific Street Honolulu (EHE and Interim_EHMP fnl) 2017.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 2017			
Document No:			131949			
Type:			Environmental Hazard Management Plan			
Title:			EHE and Interim EHMP 356 Pacific Street (Facility #359067) Honolulu, Oahu HI 96813 TMK 1-5-010-009			
Imported From:			\facilitsite documents\media127617\Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2019			
Document No:			170766			
Type:			Response Action Memorandum			
Title:			Final RAM			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 21, 2019			
Document No:			171765			
Type:			Review Letter			
Title:			Final Response Action Memorandum for the former Chevron Tanker Truck Loading Rack located at 356 Pacific Street, Honolulu, Hawaii			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 2, 2022			
Document No:			184086			
Type:			Response to Comments			
Title:			Former Chevron Tanker Truck Loading Rack (TTLR) located at 356 Pacific St. Honolulu, HI. Response to HDOH HEER File 181373 IV			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Mar 3, 2015
Document No: 131939
Type: Undetermined
Title: Former Chevron Tanker Truck Loading Rack, 356 Pacific St, Chevron Facility #359067, Honolulu HI 96813
Imported From: 113760#\Heersharepoint1\facilitiesite%20documents\113760.pdf

iHEER System - Documents

Date : Feb 25, 2015
Document No: 131932
Type: Undetermined
Title: Former Chevron Tanker Truck Loading Rack, 356 Pacific St, Chevron Facility #359067, Honolulu HI 96813
Imported From: 113692#\Heersharepoint1\facilitiesite%20documents\113692.pdf

iHEER System - Documents

Date : Jun 30, 2022
Document No: 202954
Type: Undetermined
Title: Interim Remedial Action Summary Report _356 Pacific St_20220630
Imported From:

iHEER System - Documents

Date : Jun 30, 2022
Document No: 202953
Type: Undetermined
Title: Interim Remedial Action Summary Report _356 Pacific St_20220630 Submittal
Imported From:

iHEER System - Documents

Date : Jun 21, 2011
Document No: 131929
Type: Letter of Interest
Title: Letter of Interest, Nov 5, 2010
Imported From: 2011-328#Q:\2011 Final Correspondence (Day File)\11-328-SPM.pdf

iHEER System - Documents

Date : Jan 17, 2013
Document No: 131927
Type: Undetermined
Title: Meeting with John Kronen regarding Former Chevron TTLR
Imported From: 2013-037#Q:\2013 Final Correspondence (Day File)\13-037-JQN.pdf

iHEER System - Documents

Date : Apr 29, 2019
Document No: 131964
Type: Response Action Memorandum
Title: Memorandum requesting signature on the Draft RAM for the former Tanker Truck Loading Rack, 356 Pacific Street
Imported From: 137319#\Heersharepoint1\facilitiesite%20documents\137319.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Apr 10, 2017			
Document No:			131986			
Type:			Undetermined			
Title:			Memorandum: Outcome of meeting on Mar 30, 2017 "Review of EHE and EHMP, 356 Pacific St, Honolulu HI, TMK 1-5-010-009"			
Imported From:			125972#\Heersharepoint1\facilitsite%20documents\125972.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2011			
Document No:			131981			
Type:			Undetermined			
Title:			Phase I ESA and Work Plan for Phase II ESA, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Sep 30, 2011			
Imported From:			96327#\Heersharepoint1\facilitsite%20documents\96327.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2011			
Document No:			131923			
Type:			Undetermined			
Title:			Phase I ESA and Work Plan for Phase II ESA, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Sep 30, 2011			
Imported From:			\facilitsite documents\media96328\tr- HDOH 356 Pacific St. WP 9.30.2011.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2011			
Document No:			131922			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I ESA and Work Plan for Phase II ESA, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Sep 30, 2011			
Imported From:			\facilitsite documents\media96328\11HON-005 WP 356 Pacific St.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 19, 2019			
Document No:			131965			
Type:			Undetermined			
Title:			Review of: Remedial Action Memorandum, 356 Pacific Street, Honolulu Hawaii, TMK 1-5-010:009 by AECOM dated December 31, 2018.			
Imported From:			2019-068#Q:\2019 Final Correspondence (Day File)\19-068 LC.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2018			
Document No:			131967			
Type:			Remedial Alternatives Analysis Report			
Title:			Review of: Remedial Alternatives Analysis, 356 Pacific Street (Facility # 359067), Honolulu Hawaii, TMK 1-5-010:009 by AECOM on August 2018.			
Imported From:			2018-331#Q:\2018 Final Correspondence (Day File)\18-331 LC.PDF			
<u>iHEER System - Documents</u>						
Date :			Feb 19, 2019			
Document No:			131984			
Type:			Undetermined			
Title:			Review of: Remedial Alternatives Analysis, 356 Pacific Street, Honolulu Hawaii, TMK 1-5-010:009 by AECOM dated December 31, 2018.			
Imported From:			2019-067#Q:\2019 Final Correspondence (Day File)\19-067 LC.PDF			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2018			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			131963			
Type:			Remedial Alternatives Analysis Report			
Title:			Review of: Response to Comments for the Remedial Alternatives Analysis, 356 Pacific Street (Facility #359067), Honolulu HI 96813 by AECOM on November 2018.			
Imported From:			2018-346#Q:\2018 Final Correspondence (Day File)\18-346 LC.PDF			
<u>iHEER System - Documents</u>						
Date :			Apr 14, 2022			
Document No:			184094			
Type:			Comment Letter			
Title:			Review of: Response to HDOH HEER File #181373 IV, dated November 1, 2021, and 2021 Annual Groundwater Monitoring Report, by Arcadis U.S. Inc.			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2020			
Document No:			177450			
Type:			Review Letter			
Title:			Review of: Response to Review of: Notice of Removal of Polycyclic Aromatic Hydrocarbon (PAH) Homologue Compounds from Groundwater Long-Term Monitoring Program (File 177094 LC)			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Nov 1, 2021			
Document No:			181373			
Type:			Comment Letter			
Title:			Review of: Well Abandonment and Well Repair Work Plan, 2021 and 2020 Annual Groundwater Monitoring Report, by Arcadis U.S. Inc.			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 23, 2019			
Document No:			131961			
Type:			Response Action Memorandum			
Title:			Revised Draft Remedial Action Memorandum, 356 Pacific St., Honolulu, Hawaii			
Imported From:			\\facilitysite documents\media137320\356 Pacific Street - Draft RAM - April 2019.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 23, 2019			
Document No:			131962			
Type:			Response Action Memorandum			
Title:			Revised Draft Remedial Action Memorandum, 356 Pacific St., Honolulu, Hawaii			
Imported From:			\\facilitysite documents\media137320\356 Pacific Street - Draft RAM - Cover Letter - April 2019.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2018			
Document No:			131966			
Type:			Undetermined			
Title:			RTCs to 10-31-18 DOH Ltr 2018-331 LC (RAA Review)			
Imported From:			134032#\Heersharepoint1\facilitysite%20documents\134032.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 23, 2019			
Document No:			171542			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Response Action Memorandum
Title: Signature Requested for Final Response Action Memorandum
Imported From:

iHEER System - Documents

Date : Apr 12, 2013
Document No: 131937
Type: Undetermined
Title: Site Access Agreement to Conduct a Phase II ESA, Above Mentioned Site
Imported From: 2013-196#Q:\2013 Final Correspondence (Day File)\13-196-JQN.pdf

iHEER System - Documents

Date : Apr 29, 2022
Document No: 184375
Type: Letter from PRP
Title: Subject: Methane Vapor Mitigation Plan Former Chevron Facility #359067 356 Pacific Street, Honolulu, Hawaii 96817
Imported From:

iHEER System - Documents

Date : Nov 30, 2021
Document No: 181577
Type: Letter from PRP
Title: Subject: TRW-01 Well Repair and TRW-04 Well Rehabilitation at Former Chevron Facility #359067 located at 356 Pacific Street, Honolulu, HI 96817
Imported From:

iHEER System - Documents

Date : Nov 30, 2021
Document No: 181576
Type: Letter from PRP
Title: Subject: TRW-01 Well Repair and TRW-04 Well Rehabilitation at Former Chevron Facility #359067 located at 356 Pacific Street, Honolulu, HI 96817_submittal
Imported From:

iHEER System - Documents

Date : Feb 4, 2020
Document No: 173214
Type: Monitoring Report
Title: Submission - 2019 Annual Groundwater Monitoring Report
Imported From:

iHEER System - Documents

Date : Jul 21, 2011
Document No: 131930
Type: Undetermined
Title: Unocal Tanker Truck Loading Rack at 356 Pacific St
Imported From: 95658#\Heersharepoint1\facilitiesite%20documents\95658.pdf

iHEER System - Documents

Date : Oct 11, 2021
Document No: 181267
Type: Monitoring Report
Title: Well Abandonment and Well Repair Work Plan

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Oct 11, 2021
Document No: 181266
Type: Undetermined
Title: Well Abandonment and Well Repair Work Plan_submittal
Imported From:

iHEER System - Documents

Date : Mar 30, 2012
Document No: 131945
Type: Undetermined
Title: Work Plan for Phase II ESA, 356 Pacific St, Honolulu HI, TMK 1-5-010-009
Imported From: 98945#\Heersharepoint1\facilitsite%20documents\98945.pdf

iHEER System - Documents

Date : Oct 19, 2012
Document No: 131940
Type: Undetermined
Title: Work Plan for Phase II ESA, 356 Pacific St, TMK 1-5-010-009, Honolulu HI, Oct 19, 2012
Imported From: 101220#\Heersharepoint1\facilitsite%20documents\101220.pdf

iHEER System - Documents

Date : Dec 3, 2012
Document No: 131953
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, 356 Pacific St, Honolulu HI
Imported From: \facilitsite documents\media101658\110026 356 Pacific Street Phase I 12-3-2012.pdf

iHEER System - Documents

Date : Dec 3, 2012
Document No: 131952
Type: Undetermined
Title: Phase I ESA, 356 Pacific St, Honolulu HI
Imported From: 101658#\Heersharepoint1\facilitsite%20documents\101658.pdf

iHEER System - Documents

Date : Oct 10, 2014
Document No: 131935
Type: Undetermined
Title: Phase II ESA, 356 Pacific Street (Facility #359067), Honolulu, Oahu HI, 96813 TMK 1-5-010-009
Imported From: \facilitsite documents\media111033\14HON-040 Cover Letter.pdf

iHEER System - Documents

Date : Dec 2, 2015
Document No: 131977
Type: Monitoring Report
Title: 2015 Annual Groundwater Monitoring Report, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Facility #359067
Imported From: \facilitsite documents\media116233\116233.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 2, 2015				
Document No:		131979				
Type:		Undetermined				
Title:		2015 Annual Groundwater Monitoring Report, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Facility #359067				
Imported From:		\\facilitysite documents\media116233\Cover Letter.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 2, 2015				
Document No:		131978				
Type:		Undetermined				
Title:		2015 Annual Groundwater Monitoring Report, 356 Pacific St, Honolulu HI, TMK 1-5-010-009, Facility #359067				
Imported From:		\\facilitysite documents\media116233\15HON-040 Final.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 17, 2017				
Document No:		131970				
Type:		Undetermined				
Title:		2016 Annual GROUNDWATER Monitoring Report 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009, CHEVRON Facility #359067				
Imported From:		\\facilitysite documents\media124808\16HON-041 Final 2-17-2017.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 17, 2017				
Document No:		131972				
Type:		Undetermined				
Title:		2016 Annual GROUNDWATER Monitoring Report 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009, CHEVRON Facility #359067				
Imported From:		\\facilitysite documents\media124808\Cover Letter.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 17, 2017				
Document No:		131971				
Type:		Undetermined				
Title:		2016 Annual GROUNDWATER Monitoring Report 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009, CHEVRON Facility #359067				
Imported From:		\\facilitysite documents\media124808\124808.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 21, 2018				
Document No:		131973				
Type:		Undetermined				
Title:		2017 Annual GROUNDWATER MONITORING REPORT, 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009				
Imported From:		\\facilitysite documents\media131405\17HON-042 Final.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 21, 2018				
Document No:		131975				
Type:		Undetermined				
Title:		2017 Annual GROUNDWATER MONITORING REPORT, 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009				
Imported From:		\\facilitysite documents\media131405\Cover Letter.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 21, 2018				
Document No:		131974				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		2017 Annual GROUNDWATER MONITORING REPORT, 356 PACIFIC St, Honolulu HI, TMK 1-5-010-009				
Imported From:		\\facilitysite documents\media131405\131405.PDF				
<u>iHEER System - Documents</u>						
Date :		Feb 4, 2020				
Document No:		173215				
Type:		Monitoring Report				
Title:		2019 Annual Groundwater Monitoring Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2021				
Document No:		178916				
Type:		Monitoring Report				
Title:		2020 Annual Groundwater Monitoring Report, 356 Pacific Street, Honolulu HI 96817, February 26, 2021				
Imported From:		359067 2020 GWMR Report FIN 03012021-v1.pdf (13.55 MB)				
<u>iHEER System - Documents</u>						
Date :		Mar 15, 2022				
Document No:		183543				
Type:		Monitoring Report				
Title:		2021 Annual Groundwater Monitoring Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 15, 2022				
Document No:		183542				
Type:		Monitoring Report				
Title:		2021 Annual Groundwater Monitoring Report_submittal				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Aug 25, 2011				
Document No:		131982				
Type:		Undetermined				
Title:		356 Pacific St				
Imported From:		96102#\Heersharepoint1\facilitysite%20documents\96102.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		131933				
Type:		Undetermined				
Title:		356 Pacific St (Unocal)				
Imported From:		96070#\Heersharepoint1\facilitysite%20documents\96070.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 10, 2014				
Document No:		131934				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II ESA, 356 Pacific Street (Facility #359067), Honolulu, Oahu HI, 96813 TMK 1-5-010-009				
Imported From:		\\facilitysite documents\media111033\14HON-040 Final.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2015			
Document No:			131924			
Type:			Undetermined			
Title:			Pipeline Investigation Report, 356 Pacific Street (Facility #359067) Honolulu, Oahu HI, 96813 TMK 1-5-010-009			
Imported From:			\\facilitysite documents\media114726\15HON-037 356 Pacific Street Pipeline Investigation.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2015			
Document No:			131926			
Type:			Undetermined			
Title:			Pipeline Investigation Report, 356 Pacific Street (Facility #359067) Honolulu, Oahu HI, 96813 TMK 1-5-010-009			
Imported From:			\\facilitysite documents\media114726\114726.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2015			
Document No:			131925			
Type:			Undetermined			
Title:			Pipeline Investigation Report, 356 Pacific Street (Facility #359067) Honolulu, Oahu HI, 96813 TMK 1-5-010-009			
Imported From:			\\facilitysite documents\media114726\15HON-037 356 Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 26, 2022			
Document No:			203009			
Type:			Monitoring Report			
Title:			Post Remedial Action Groundwater Monitoring Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 26, 2022			
Document No:			203007			
Type:			Phase II Environmental Site Assessment			
Title:			POST-REMEDIATION ACTION SUMMARY REPORT Former Chevron Tanker Truck Loading Rack			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 1, 2018			
Document No:			131960			
Type:			Remedial Alternatives Analysis Report			
Title:			Remedial ALTERNATIVES ANALYSIS 356 PACIFIC St, Honolulu HI, TMK 1-5-010:009			
Imported From:			132136#\Heersharepoint1\facilitysite%20documents\132136.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2018			
Document No:			131980			
Type:			Response Action Memorandum			
Title:			REPORT Remedial Action MEMORANDUM, 356 PACIFIC St, Honolulu Hawaii, TMK 1-5-010:009, CHEVRON FACILITY 359067			
Imported From:			135152#\Heersharepoint1\facilitysite%20documents\135152.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2018			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			131969			
Type:			Remedial Alternatives Analysis Report			
Title:			REPORT Remedial ALTERNATIVES ANALYSIS, 356 PACIFIC St, Honolulu Hawaii, TMK 1-5-010:009			
Imported From:			135151#\Heersharepoint1\facilitiesite%20documents\135151.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2015			
Document No:			131943			
Type:			Undetermined			
Title:			Request for Project Schedule			
Imported From:			2015-060#Q:\2015 Final Correspondence (Day File)\15-060-JQN.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 13, 2020			
Document No:			177097			
Type:			Undetermined			
Title:			Request to Remove PAHs from GW Monitoring Program			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 18, 2011			
Document No:			131931			
Type:			Undetermined			
Title:			Responds to "Letter of Interest", Nov 5, 2010			
Imported From:			94718#\Heersharepoint1\facilitiesite%20documents\94718.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 29, 2020			
Document No:			177414			
Type:			Undetermined			
Title:			Response Letter Removal of PAHs Homologues			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 22, 2017			
Document No:			131938			
Type:			Undetermined			
Title:			Response to Comments on Letter dated Jan 5, 2017: " Review of EHMP, 356 Pacific St, Honolulu HI, TMK 1-5-010-009"			
Imported From:			124901#\Heersharepoint1\facilitiesite%20documents\124901.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 9, 2018			
Document No:			131928			
Type:			Undetermined			
Title:			Review of 2017 Annual GROUNDWATER MONITORING REPORT, 356 PACIFIC St, Honolulu Hawaii, TMK 1-5-010-009, CHEVRON FACILITY #359067			
Imported From:			2018-104#Q:\2018 Final Correspondence (Day File)\18-104 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 5, 2017			
Document No:			131983			
Type:			Environmental Hazard Management Plan			
Title:			Review of EHE and EHMP, 356 Pacific St, Honolulu Hawaii, TMK 1-1-5-010-009			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 2017-006#Q:\2017 Final Correspondence (Day File)\17-006 SPM.pdf

iHEER System - Documents

Date : Oct 13, 2011
Document No: 131936
Type: Undetermined
Title: Review of Phase I Environmental Assessment and Work Plan for a Phase II Environmental Assessment, Sep 30, 2011 by URS

Imported From: 2011-594#Q:\2011 Final Correspondence (Day File)\11-594-MS.pdf

iHEER System - Documents

Date : Jun 28, 2018
Document No: 131976
Type: Remedial Alternatives Analysis Report
Title: Review of Remedial Alternatives Analysis, 356 Pacific Street (Facility #359067), Honolulu, Oahu HI 96813, TMK 1-5-010-009

Imported From: 2018-186#Q:\2018 Final Correspondence (Day File)\18-186 SPM.pdf

iHEER System - Documents

Date : Sep 12, 2012
Document No: 131947
Type: Undetermined
Title: Review of Work Plan for Phase II ESA Revised Section 3.4 submitted Aug 30, 2012, by URS

Imported From: 2012-522#Q:\2012 Final Correspondence (Day File)\12-522-SPM.pdf

iHEER System - Documents

Date : Apr 16, 2012
Document No: 131944
Type: Undetermined
Title: Review of Work Plan for Phase II ESA, Mar 30, 2012, by URS

Imported From: 2012-243#Q:\2012 Final Correspondence (Day File)\12-243-SPM.pdf

iHEER System - Documents

Date : Feb 27, 2020
Document No: 173295
Type: Review Letter
Title: Review of: 2019 Annual Groundwater Monitoring Report, 356 Pacific Street, Honolulu, Hawaii by Arcadis U.S., Inc., dated February 4, 2020.

Imported From:

iHEER System - Locations Details

Locations ID: 5302
Location Type: EHMP
Description: EHMP Chevron TTLR
Comment : google earth - LC
Centroid: POINT (-157.87137680267483 21.315422358111817)
Geometry:

POLYGON ((-157.87167740741461 21.315490969462456, -157.87152988591697 21.315141147252884, -157.87109000364066 21.315298567350261, -157.87111950793476 21.315438496183894, -157.87121874967514 21.315643391735748, -157.87126702943246 21.315733345790207, -157.87167740741461 21.315490969462456))

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		5303				
Location Type:		SC				
Description:						
Comment :		google earth - LC				
Centroid:		POINT (-157.871374 21.31543599999991)				
Geometry:						
		POINT (-157.871374 21.31543599999991)				

Site Details

Centroid: POINT (-157.871374 21.31543599999991)
Updated On: 10/15/2021 2:52:25 PM
Coordinates: 21.31543599999991,-157.871374

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Dole Iwilei

iHEER System - Aliases

Name: LTM

iHEER System - Aliases

Name: 356 Pacific Street BWS Trenching Sheen

iHEER System - Aliases

Name: Former Chevron Facility No. 359067

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Vapor Barrier

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 115

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
259	2 of 2	NNW	0.78 / 4,102.10	3.28 / 0	356 Pacific Street BWS Trenching Sheen 356 Pacific St Honolulu HI	DELISTED SHWS

Delisted HEER Sites of Interest

HID No:
Fac Registry ID:
Assessment: Assessment Ongoing
Response:
Resp Act Complete:
Potential Haz/Ctrl: Hazard Undetermined
Date Issued:
Priority: Low
Engineer Control:
Institutional Control:
Supplemental Location:
Within Design. Area Contam.: Honolulu Harbor Iwilei Unit
SDAR Enviro Interest Name: 356 Pacific Street BWS Trenching Sheen
Program Full Name: State
Use Restrictions: Undetermined
Site Closure Document:
Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782
Nature of Contamination:
Nature of Residual Contam.:
Description of Restrictions:
Doc Subject:
Program Designation:
Data Source(s):
Original Source: SHWS
Record Date: 27-SEP-2018

Lead Agency: HEER
Project Manager: Iris van der Zander
Document Date:
Document No:
Island: Oahu
Loc State USPS Cd: HI
Loc ZIP Suffix:
Latitude: 21.315427
Longitude: -157.871366

260	1 of 1	NNW	0.78 / 4,106.65	6.56 / 3	Iwilei Business Center 501 Sumner St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 1457
Site Name (Public iHEER): Iwilei Business Center
Aliases (Public iHEER): Brownfields Received a Restricted NFA, Cannery Commercial Center, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding
Street (Public iHEER): 501 Sumner St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/4/2020 10:58:54 AM
Ms Access ID (Public iHEER): 451
Suppl Loc (Public iHEER): 501 Sumner St, Honolulu, HI 96814
Tax Map Keys (Public iHEER): 115012001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1457
Site Name (PORTAL): Iwilei Business Center
Loc Desc (PORTAL): 501 Sumner St, Honolulu, HI 96814
Address (PORTAL): 501 Sumner St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (PORTAL):		Honolulu, HI 96814				
Island (PORTAL):		Honolulu				
Status (PORTAL):		Oahu				
Priority (PORTAL):		NFA W/ICS				
Lead Agency (PORTAL):		Unranked				
Program (PORTAL):		HEER Office				
Assigned Rpm (PORTAL):		State				
Details URL (PORTAL):		—				
Data Source(s):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1457/details/view				
		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jul 22, 1997
Document No: 174280
Type: Request for Information
Title: Albers Pacific Northwest Milling Company, 703 North Nimitz Highway, Fred L. Waldron Feed Mill , 701 North Nimitz Highway , Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Jul 9, 2005
Document No: 33693
Type: Undetermined
Title: Cover Sheet Pipeline Investigation - Iwilei Business Center
Imported From: 2973#\Heersharepoint1\facilitiesite%20documents\2973.pdf

iHEER System - Documents

Date : Aug 4, 2020
Document No: 176259
Type: Undetermined
Title: Mark Sutterfield's Notes on Site-Memorandum to File
Imported From:

iHEER System - Documents

Date : Dec 7, 2006
Document No: 33689
Type: Undetermined
Title: Memorandum to the file
Imported From: 2006-771#Q:\2006 Final Correspondence (Day File)\06-771-AF-FINAL-D.pdf

iHEER System - Documents

Date : Nov 28, 2006
Document No: 33690
Type: Undetermined
Title: Phone call Message, Various maps
Imported From: 120522#\Heersharepoint1\facilitiesite%20documents\120522.pdf

iHEER System - Documents

Date : Apr 6, 2005
Document No: 174275
Type: Undetermined
Title: Photos iwilei Business Center- Rel ID 20050406-1057 501 Sumner - Unknown Substance - 7 pics
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 28, 2005
Document No: 33687
Type: Undetermined
Title: Pipeline Investigation Iwilei Business Center
Imported From: 38304#\Heersharepoint1\facilitiesite%20documents\38304.pdf

iHEER System - Documents

Date : Dec 12, 2005
Document No: 15233
Type: Review Letter
Title: Review of pipeline report. No further work required until they re-develop. Must submit a Phase I
Imported From: 2005-647#Q:\2005 Final Correspondence (Day File)\05-647-MS.pdf

iHEER System - Documents

Date : Apr 23, 2004
Document No: 33691
Type: Letter of Interest
Title: Signed Notice of Interest in a Release or Threatened Release of Hazardous Substance Forms
Imported From: 126249#\Heersharepoint1\facilitiesite%20documents\126249.pdf

iHEER System - Documents

Date :
Document No: 33692
Type: Undetermined
Title: Site Photo
Imported From: 126250#\Heersharepoint1\facilitiesite%20documents\126250.pdf

iHEER System - Documents

Date : Dec 1, 2006
Document No: 33694
Type: Undetermined
Title: State Site Discovery Effort
Imported From: 122352#\Heersharepoint1\facilitiesite%20documents\122352.pdf

iHEER System - Documents

Date : Mar 23, 2005
Document No: 33688
Type: Undetermined
Title: Work Plan Pipeline Investigation Iwilei Business Center
Imported From: 38303#\Heersharepoint1\facilitiesite%20documents\38303.pdf

iHEER System - Locations Details

Locations ID: 1694
Location Type: SC
Description: Iwilei Business Center
Comment : Placed by RPM
Centroid: POINT (-157.86921799999996 21.317421999999993)
Geometry:

POINT (-157.86921799999996 21.317421999999993)

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		5869				
Location Type:		SB				
Description:		Iwilei Business Center				
Comment :		Placed by RPM				
Centroid:		POINT (-157.86917601457833 21.317481610977847)				
Geometry:		POLYGON ((-157.86912697553592 21.316842205316526, -157.86972242594211 21.317182028681096, -157.8690035939259 21.318116538877554, -157.8688077926619 21.318011594178309, -157.86864954233326 21.317959121800541, -157.8686307668701 21.317786712428635, -157.86889630556232 21.317744234725286, -157.86912697553592 21.316842205316526))				
<u>Site Details</u>						
Centroid:		POINT (-157.86921799999996 21.317421999999993)				
Updated On:		8/4/2020 10:58:54 AM				
Coordinates:		21.317421999999993,-157.86921799999996				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		Cannery Commercial Center				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Received a Restricted NFA				

261	1 of 1	N	0.78 / 4,114.32	6.56 / 3	Von Hamm Textiles 546 Kaaahi St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER):		860				
Site Name (Public iHEER):		Von Hamm Textiles				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project				
Street (Public iHEER):		546 Kaaahi St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		4/29/2020 2:38:40 PM				
Ms Access ID (Public iHEER):		938				
Suppl Loc (Public iHEER):		546 Kaaahi St				
Tax Map Keys (Public iHEER):		115007050				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		860				
Site Name (PORTAL):		Von Hamm Textiles				
Loc Desc (PORTAL):		546 Kaaahi St				
Address (PORTAL):		546 Kaaahi St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/860/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 27, 1992
Document No: 51599
Type: Undetermined
Title: Review of the Phase II Preliminary Contamination Assessment
Imported From: 1992-060#Q:\1992 Final Correspondence (Day File)\92-060-SA.pdf

iHEER System - Documents

Date : Mar 10, 2006
Document No: 15329
Type: No Further Action Determination w/ ICs Letter
Title: Determination of "No Further Action" for Release ID 19960521-40
Imported From: 2006-141#Q:\2006 Final Correspondence (Day File)\06-141-ES.pdf

iHEER System - Documents

Date : Mar 9, 2006
Document No: 51597
Type: Undetermined
Title: Maps - Unknown date/origin
Imported From: 120369#\Heersharepoint1\facilitiesite%20documents\120369.pdf

iHEER System - Documents

Date : Aug 14, 1992
Document No: 51600
Type: Undetermined
Title: Phase II Preliminary Contamination Assessment
Imported From: 40063#\Heersharepoint1\facilitiesite%20documents\40063.pdf

iHEER System - Documents

Date : Oct 1, 1992
Document No: 51598
Type: Undetermined
Title: Phase II Preliminary Contamination Assessment 546 Kaaahi St, Iwilei, Oahu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 920#\Heersharepoint1\facilitiesite%20documents\920.pdf

iHEER System - Locations Details

Locations ID: 5445
 Location Type: SB
 Description:
 Comment : Placed by RPMN
 Centroid: POINT (-157.86599462792182 21.317865874814149)
 Geometry:

POLYGON ((-157.86576530671778 21.318017333224152, -157.86575457787782 21.317714992137002, -157.86622664666498 21.317714992137002, -157.86623201108046 21.318017333224152, -157.86576530671778 21.318017333224152))

iHEER System - Locations Details

Locations ID: 5446
 Location Type: SC
 Description:
 Comment : Placed by RPM
 Centroid: POINT (-157.86599900000002 21.317847000000022)
 Geometry:

POINT (-157.86599900000002 21.317847000000022)

Site Details

Centroid: POINT (-157.86599900000002 21.317847000000022)
 Updated On: 4/29/2020 2:38:40 PM
 Coordinates: 21.317847000000022,-157.86599900000002

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

262	1 of 1	NW	0.80 / 4,209.15	3.28 / 0	HECO Iwilei Tank Yard 855 N Nimitz Hwy Honolulu HI 96818	SHWS
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iHEER ID (Public iHEER): 709
 Site Name (Public iHEER): HECO Iwilei Tank Yard

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Aliases (Public iHEER):					Brownfields Low Priority Site, Hawaiian Electric Company (HECO) - Iwilei Tank Yard, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding	
Street (Public iHEER):					855 N Nimitz Hwy	
City (Public iHEER):					Honolulu	
State (Public iHEER):					HI	
Zip (Public iHEER):					96818	
County (Public iHEER):					Honolulu	
Island (Public iHEER):					Oahu	
Status (Public iHEER):					Remedy In Place	
Lead Agency (Public iHEER):					HEER Office	
Program (Public iHEER):					State	
Assigned Rpm (Public iHEER):					TRUE	
Is Public (Public iHEER):					12/9/2019 10:31:19 AM	
Updated on (Public iHEER):					348	
Ms Access ID (Public iHEER):					855 N Nimitz Hwy	
Suppl Loc (Public iHEER):					115035006	
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):					709	
Site Name (PORTAL):					HECO Iwilei Tank Yard	
Loc Desc (PORTAL):					855 N Nimitz Hwy	
Address (PORTAL):					855 N Nimitz Hwy Honolulu, HI 96818	
County (PORTAL):					Honolulu	
Island (PORTAL):					Oahu	
Status (PORTAL):					REMEDY SELECTED	
Priority (PORTAL):					Unranked	
Lead Agency (PORTAL):					HEER Office	
Program (PORTAL):					State	
Assigned Rpm (PORTAL):					Iris van der Zander	
Details URL (PORTAL):					https://eha-cloud.doh.hawaii.gov/iheer/#!/site/709/details/view	
Data Source(s):					iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)	

iHEER System - Documents

Date : Jun 5, 2006
Document No: 36481
Type: Undetermined
Title: No Further Action Notification for Release ID 20050906-1122
Imported From: 2006-338#Q:\2006 Final Correspondence (Day File)\06-338-DE-.pdf

iHEER System - Documents

Date : Jan 24, 2007
Document No: 36480
Type: Undetermined
Title: Recommendation for Action
Imported From: 2007-074#Q:\2007 Final Correspondence (Day File)\07-074-AF.pdf

iHEER System - Documents

Date : Jan 3, 2007
Document No: 36458
Type: Undetermined
Title: Recommendation for action
Imported From: 2007-006#Q:\2007 Final Correspondence (Day File)\07-006-AF.pdf

iHEER System - Documents

Date : Jan 24, 2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			36479			
Type:			Undetermined			
Title:			Recommendation for Action			
Imported From:			127363#\Heersharepoint1\facilitiesite%20documents\127363.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2006			
Document No:			36442			
Type:			Undetermined			
Title:			Recommendation to Consolidate File with Honolulu Harbor Iwilei Unit OU2			
Imported From:			52303#\Heersharepoint1\facilitiesite%20documents\52303.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2006			
Document No:			36469			
Type:			Undetermined			
Title:			Release Response Report, Hawaiian Electric Company Inc, Iwilei Fuel Storage Facility, 855 Nimitz Hwy, Honolulu HI 96817, DOH Case ID 200509061122			
Imported From:			37825#\Heersharepoint1\facilitiesite%20documents\37825.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 17, 1995			
Document No:			36471			
Type:			Undetermined			
Title:			Request for Second Time Extension to Prepare Response Honolulu Harbor Petroleum Contaminated Area, Honolulu HI			
Imported From:			1129#\Heersharepoint1\facilitiesite%20documents\1129.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 1, 1995			
Document No:			36478			
Type:			Undetermined			
Title:			Request for Time Extension to Prepare Response Honolulu Harbor Petroleum Contaminated Area, Honolulu HI			
Imported From:			1130#\Heersharepoint1\facilitiesite%20documents\1130.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 1995			
Document No:			36472			
Type:			Undetermined			
Title:			Response to Request for Information Honolulu Harbor Petroleum Contaminated Area, Honolulu HI			
Imported From:			1173#\Heersharepoint1\facilitiesite%20documents\1173.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 1, 2017			
Document No:			36470			
Type:			Undetermined			
Title:			Review of EHMP, Hawaiian Electric Iwilei Baseyard, 855 N Nimitz Hwy, Honolulu Hawaii			
Imported From:			2017-171#Q:\2017 Final Correspondence (Day File)\17-171 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 20, 1998			
Document No:			36466			
Type:			Undetermined			
Title:			Schedule for Phase I Scope of Work			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		48216#\Heersharepoint1\facilitysite%20documents\48216.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 18, 1996				
Document No:		36454				
Type:		Undetermined				
Title:		SOS & thanks for meeting				
Imported From:		47507#\Heersharepoint1\facilitysite%20documents\47507.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 18, 1996				
Document No:		36455				
Type:		Undetermined				
Title:		SOS & thanks for meeting				
Imported From:		47508#\Heersharepoint1\facilitysite%20documents\47508.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 10, 2000				
Document No:		36473				
Type:		Undetermined				
Title:		State Contingency Plan Report, Discovery of Abandoned Pipeline and Oil, Nimitz Hwy near Flora-Dec				
Imported From:		1296#\Heersharepoint1\facilitysite%20documents\1296.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 20, 2006				
Document No:		36476				
Type:		Undetermined				
Title:		State Site Discovery Effort				
Imported From:		52795#\Heersharepoint1\facilitysite%20documents\52795.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 6, 2001				
Document No:		36464				
Type:		Undetermined				
Title:		Subsurface Exploration Iwilei Fuel Storage Facility, Honolulu HI				
Imported From:		37822#\Heersharepoint1\facilitysite%20documents\37822.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 6, 2002				
Document No:		36463				
Type:		Undetermined				
Title:		Subsurface Exploration Iwilei Fuel Storage Facility, Honolulu HI				
Imported From:		37821#\Heersharepoint1\facilitysite%20documents\37821.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 11, 1998				
Document No:		36474				
Type:		Undetermined				
Title:		Unregulated UST at Iwilei Tank Yard				
Imported From:		1428#\Heersharepoint1\facilitysite%20documents\1428.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jan 30, 1998				
Document No:		36467				
Type:		Undetermined				
Title:		Voluntary Agreement				
Imported From:		48134#\Heersharepoint1\facilitiesite%20documents\48134.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 26, 1997				
Document No:		36460				
Type:		Undetermined				
Title:		Voluntary Agreement & Scope of Work				
Imported From:		48062#\Heersharepoint1\facilitiesite%20documents\48062.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 20, 1995				
Document No:		36445				
Type:		Undetermined				
Title:		Approval of Extension Request				
Imported From:		47403#\Heersharepoint1\facilitiesite%20documents\47403.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 8, 1995				
Document No:		36465				
Type:		Undetermined				
Title:		Approval of Extension Request				
Imported From:		47414#\Heersharepoint1\facilitiesite%20documents\47414.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 20, 2003				
Document No:		36475				
Type:		Undetermined				
Title:		Clarification of Methane Information Iwilei Fuel Storage Facility, Hawaiian Electric Company Honolulu Harbor Petroleum Contaminated Area				
Imported From:		2258#\Heersharepoint1\facilitiesite%20documents\2258.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 6, 1997				
Document No:		36459				
Type:		Undetermined				
Title:		Comments 6 Agreement				
Imported From:		47808#\Heersharepoint1\facilitiesite%20documents\47808.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 4, 2017				
Document No:		36482				
Type:		Undetermined				
Title:		EHMP Hawaiian Electric Iwilei Baseyard 855 N Nimitz Hwy, Honolulu Hawaii				
Imported From:		125863#\Heersharepoint1\facilitiesite%20documents\125863.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2020				
Document No:		173001				
Type:		Environmental Hazard Management Plan				
Title:		ENVIRONMENTAL HAZARD EVALUATION AND ENVIRONMENTAL HAZARD MANAGEMENT PLAN ,				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Imported From: HAWAIIAN ELECTRIC IWILEI BASEYARD 855 North Nimitz Highway Honolulu, Oahu, Hawaii 96817						
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2020			
Document No:			173000			
Type:			Environmental Hazard Management Plan			
Title:			ENVIRONMENTAL HAZARD EVALUATION AND ENVIRONMENTAL HAZARD MANAGEMENT PLAN , HAWAIIAN ELECTRIC IWILEI BASEYARD 855 North Nimitz Highway Honolulu, Oahu, Hawaii 96817_submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 18, 1995			
Document No:			36451			
Type:			Undetermined			
Title:			Honolulu Harbor meeting with PRPs 1/24/96			
Imported From:			47469#\Heersharepoint1\facilitiesite%20documents\47469.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 30, 1997			
Document No:			36461			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Work Group Meeting on Jan 24, 1997			
Imported From:			47639#\Heersharepoint1\facilitiesite%20documents\47639.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 30, 1997			
Document No:			36443			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Work Group Meeting on Jan 24, 1997			
Imported From:			47640#\Heersharepoint1\facilitiesite%20documents\47640.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 22, 1997			
Document No:			36457			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Work Group's Initial List of Additional Parties with Potential Liabilities			
Imported From:			47871#\Heersharepoint1\facilitiesite%20documents\47871.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 22, 1997			
Document No:			36444			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Work Group's Initial List of Additional Parties with Potential Liabilities			
Imported From:			47870#\Heersharepoint1\facilitiesite%20documents\47870.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			36449			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47552#\Heersharepoint1\facilitiesite%20documents\47552.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			36450			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47553#\Heersharepoint1\facilitysite%20documents\47553.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 22, 1996			
Document No:			36448			
Type:			Undetermined			
Title:			Honolulu Harbor, Iwilei Unit Technical Workgroup Meeting			
Imported From:			47531#\Heersharepoint1\facilitysite%20documents\47531.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 22, 1996			
Document No:			36453			
Type:			Undetermined			
Title:			Honolulu Harbor, Iwilei Unit Technical Workgroup Meeting			
Imported From:			47530#\Heersharepoint1\facilitysite%20documents\47530.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 16, 1995			
Document No:			36468			
Type:			Undetermined			
Title:			Honolulu Harbor: Meeting Invite: 03/03/95			
Imported From:			47190#\Heersharepoint1\facilitysite%20documents\47190.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 10, 1999			
Document No:			36462			
Type:			Undetermined			
Title:			Honolulu Harbor: Non-Receipt of Phase I Report, Follow-Up on Petroleum Seepages and Vapors			
Imported From:			48578#\Heersharepoint1\facilitysite%20documents\48578.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 25, 1995			
Document No:			36477			
Type:			Undetermined			
Title:			Honolulu Harbor: Request for Information 1995			
Imported From:			47191#\Heersharepoint1\facilitysite%20documents\47191.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 30, 1996			
Document No:			36456			
Type:			Undetermined			
Title:			meeting 3/14/96			
Imported From:			47488#\Heersharepoint1\facilitysite%20documents\47488.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 30, 1996			
Document No:			36447			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
 Title: meeting 3/14/96
 Imported From: 47487#\Heersharepoint1\facilitiesite%20documents\47487.pdf

iHEER System - Documents

Date : Jan 30, 1996
 Document No: 36446
 Type: Undetermined
 Title: meeting 3/14/96
 Imported From: 47486#\Heersharepoint1\facilitiesite%20documents\47486.pdf

iHEER System - Documents

Date : Jan 31, 1996
 Document No: 36452
 Type: Undetermined
 Title: meeting time, 2/27/96
 Imported From: 47500#\Heersharepoint1\facilitiesite%20documents\47500.pdf

iHEER System - Locations Details

Locations ID: 5505
 Location Type: EHMP
 Description: EHMP HECO Iwilei Baseyard
 Comment : Report Map
 Centroid: POINT (-157.87409528793125 21.313808757274973)
 Geometry:

POLYGON ((-157.87413008713935 21.31443103416759, -157.87473090196104 21.313618939755138, -157.87443049455021 21.313426535190136, -157.87336833978134 21.31356146828773, -157.87336833978134 21.313601448441403, -157.87341125512313 21.313641428584162, -157.87364192509673 21.313843827887904, -157.87385650181494 21.31409370318779, -157.87392087483667 21.314193653188848, -157.87413008713935 21.31443103416759))

iHEER System - Locations Details

Locations ID: 5506
 Location Type: SC
 Description: HECO Iwilei Baseyard
 Comment :
 Centroid: POINT (-157.874117 21.313889000000007)
 Geometry:

POINT (-157.874117 21.313889000000007)

Site Details

Centroid: POINT (-157.874117 21.313889000000007)
 Updated On: 12/9/2019 10:31:19 AM
 Coordinates: 21.313889000000007,-157.874117

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Hawaiian Electric Company (HECO) - Iwilei Tank Yard

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Brownfields Low Priority Site

263	1 of 1	NNW	0.80 / 4,209.35	6.56 / 3	Hawaiian Electric Iwilei Substation 617 Dillingham boulevard Honolulu HI	SHWS
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iHEER ID (Public iHEER): 3133
Site Name (Public iHEER): Hawaiian Electric Iwilei Substation
Aliases (Public iHEER): HECO Iwilei substation
Street (Public iHEER): 617 Dillingham boulevard
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Site Discovery
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/3/2022 10:46:13 AM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): Iwilei Substation, Dillingham and Kuwili Street
Tax Map Keys (Public iHEER): 115007016
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3133
Site Name (PORTAL): Hawaiian Electric Iwilei Substation
Loc Desc (PORTAL): Iwilei Substation, Dillingham and Kuwili Street
Address (PORTAL): 617 Dillingham boulevard
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): SITE DISCOVERY
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3133/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Aug 19, 2021
Document No: 181438

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: E-mail
 Title: email message sent to HECO for additional information
 Imported From:

iHEER System - Documents

Date : Aug 11, 2021
 Document No: 181439
 Type: Transfer Letter from other Agency / EPR
 Title: Incident Report of Release
 Imported From:

iHEER System - Documents

Date : Aug 11, 2021
 Document No: 181440
 Type: Undetermined
 Title: Photos of release reported by Hawaiian Electric August 2021
 Imported From:

iHEER System - Locations Details

Locations ID: 8510
 Location Type: SC
 Description:
 Comment :
 Centroid: POINT (-157.86743 21.317736)
 Geometry:

POINT (-157.86743 21.317736)

iHEER System - Locations Details

Locations ID: 8511
 Location Type: SFPT
 Description: Release ID 20210811-1105
 Comment : Gross contamination and free product encountered during excavation
 Centroid: POINT (-157.867379 21.317651000000009)
 Geometry:

POINT (-157.867379 21.317651000000009)

Site Details

Centroid: POINT (-157.86743 21.317736)
 Updated On: 1/3/2022 10:46:13 AM
 Coordinates: 21.317736,-157.86743

iHEER System - Aliases

Name: HECO Iwilei substation

264	1 of 1	NNW	0.80 / 4,238.39	6.56 / 3	HECO Parking Lot and Alley 504 Kuwili St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 110
 Site Name (Public iHEER): HECO Parking Lot and Alley
 Aliases (Public iHEER): Brownfields Medium Priority Site, HART Iwilei Station, Hawaiian Electric Company (HECO) Parking Lot and Alley, Honolulu High-Capacity Transit Corridor Project, Honolulu Rail Transit Project, SLR 3.2ft Flooding

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		504 Kuwili St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		12/9/2019 10:31:43 AM				
Ms Access ID (Public iHEER):		2970				
Suppl Loc (Public iHEER):		504 Kuwili St				
Tax Map Keys (Public iHEER):		115007016				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		110				
Site Name (PORTAL):		HECO Parking Lot and Alley				
Loc Desc (PORTAL):		504 Kuwili St				
Address (PORTAL):		504 Kuwili St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Lynn Bailey				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/110/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Mar 15, 2019
Document No: 172561
Type: Concurrence Letter
Title: Concurrence with HDOH Review of Work Plan Revision 0, Further Characterization and Remedial Action Oversight at Iwilei Station, Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Sep 27, 2018
Document No: 172565
Type: Comment Letter
Title: File 2018-261-lmb; Response to the State of Hawaii Department of Health (HDOH), Hazard Evaluation and Emergency Response and Solid and Hazardous Waste Branch Comments
Imported From:

iHEER System - Documents

Date : Jul 26, 2018
Document No: 163526
Type: Undetermined
Title: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Revision 0
Imported From: \facilitysite documents\media132432\HART_IwileiStation_WP_Rev0_2018-07.pdf

iHEER System - Documents

Date : Jul 26, 2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 163525
Type: Undetermined
Title: Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu, Hawaii, Revision 0
Imported From: \facilitysite documents\media132432\132432.PDF

iHEER System - Documents

Date : Mar 1, 2019
Document No: 172568
Type: Site Characterization Work Plan
Title: Rev1 WP Further Characterization and Remedial Action Oversight at Iwilei Station Honolulu, Oahu
Imported From:

iHEER System - Documents

Date : Sep 7, 2018
Document No: 172562
Type: Review Letter
Title: Review of HDOH Review of Work Plan Revision 0, Further Characterization and Remedial Action Oversight at Iwilei Station, Honolulu, Oahu, Hawaii, dated July 2018, submitted July 27, 2018
Imported From:

iHEER System - Documents

Date : Mar 22, 2019
Document No: 172567
Type: Site Characterization Work Plan
Title: Transmittal Letter, Further Characterization and Remedial Action Oversight at Iwilei Station, Rev 1
Imported From:

iHEER System - Locations Details

Locations ID: 2602
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86658 21.31778)
Geometry:

POINT (-157.86658 21.31778)

iHEER System - Locations Details

Locations ID: 5872
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86656508273035 21.317755645645171)
Geometry:

POLYGON ((-157.86648346856384 21.317190004929294, -157.86683752015648 21.317699738473319, -157.86683752015648 21.317844662393842, -157.86693407968008 21.317954604582134, -157.86660148575837 21.318204472886634, -157.86661757901382 21.318289428013045, -157.86644055322202 21.318249449135802, -157.86639227345566 21.318209470248522, -157.86638154462472 21.317794688643982, -157.86638154462472 21.317579801328058, -157.86623670533479 21.317329931961293, -157.86623670533479 21.317329931961293, -157.86648346856384 21.317190004929294))

Site Details

Centroid: POINT (-157.86658 21.31778)
Updated On: 12/9/2019 10:31:43 AM
Coordinates: 21.31778,-157.86658

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Aliases</u>						
Name:		HART Iwilei Station				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Hawaiian Electric Company (HECO) Parking Lot and Alley				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Rail Transit Project				

265	1 of 1	SE	0.81 / 4,265.29	3.28 / 0	Ward Village Gateway Demolition and Parking Project 1050 Ala Moana Blvd Honolulu HI	SHWS
iHEER ID (Public iHEER): 2535						
Site Name (Public iHEER): Ward Village Gateway Demolition and Parking Project						
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site						
Street (Public iHEER): 1050 Ala Moana Blvd						
City (Public iHEER): Honolulu						
State (Public iHEER): HI						
Zip (Public iHEER):						
County (Public iHEER): Honolulu						
Island (Public iHEER): Oahu						
Status (Public iHEER): NFA						
Lead Agency (Public iHEER): HEER Office						
Program (Public iHEER): State						
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER): TRUE						
Updated on (Public iHEER): 6/16/2022 10:50:05 AM						
Ms Access ID (Public iHEER): 3042						
Suppl Loc (Public iHEER): 1050 Ala Moana Blvd, 1100 Ala Moana Blvd						
Tax Map Keys (Public iHEER): 123001128, 123001129, 123001130, 123001131						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL): 2535						
Site Name (PORTAL): Ward Village Gateway Demolition and Parking Project						
Loc Desc (PORTAL): 1050 Ala Moana Blvd, 1100 Ala Moana Blvd						
Address (PORTAL): 1050 Ala Moana Blvd						
Honolulu, HI —						
County (PORTAL): Honolulu						
Island (PORTAL): Oahu						
Status (PORTAL): NFA						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Thomas Gilmore				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2535/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Mar 24, 2018				
Document No:		166017				
Type:		Undetermined				
Title:		Analytical Results Related to the Ward Village Gateway Demolition and Parking Project, located at 1050/1100 Ala Moana Blvd, in Honolulu, Oahu, Hawaii				
Imported From:		131133#\Heersharepoint1\facilitiesite%20documents\131133.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 6, 2022				
Document No:		184568				
Type:		Comment Letter				
Title:		C-EHMP Lot 39F Comments June 2022				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 21, 2021				
Document No:		181761				
Type:		Undetermined				
Title:		C-EHMP Lot E				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 3, 2021				
Document No:		182793				
Type:		Undetermined				
Title:		C-EHMP Lot G				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 18, 2019				
Document No:		166016				
Type:		Remedial Action Completion Report				
Title:		Closure and Remedial Action Report, Elevator Hydraulic Lift, 1050/1100 Ala Moana Boulevard (TMK: (1) 2-3-001: Parcels 128, 129, 130, and 131), Honolulu, Oahu, Hawaii 96814 (HEER Release ID No. 20170203-1557), September 14, 2018				
Imported From:		\facilitiesite documents\media136336\17-1244 Ward Village Gateway - Remedial Action Report - Hydraulic Elevator-v1.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 3, 2021				
Document No:		178983				
Type:		CEHMP				
Title:		Construction Environmental Hazard Management Plan-Lot 39G				
Imported From:						
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 5, 2021			
Document No:			178982			
Type:			Undetermined			
Title:			Construction Environmental Hazard Management Plan-Lot 39G Submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 22, 2020			
Document No:			177410			
Type:			Site Characterization Work Plan			
Title:			Cover Letter - Updated Site Work Plan			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 1, 2021			
Document No:			180903			
Type:			Removal Action Report			
Title:			Letter Report -Lot 39G Excavation and Disposal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2022			
Document No:			182461			
Type:			CEHMP			
Title:			Lot 39F C-EHMP Feb 2002			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 28, 2022			
Document No:			196501			
Type:			Comment Letter			
Title:			Lot F C-EHMP approval			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jun 17, 2022			
Document No:			184631			
Type:			CEHMP			
Title:			Lot F Updated C-EHMP			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 26, 2022			
Document No:			184593			
Type:			No Further Action Determination Letter			
Title:			NFA Elevator Leak			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2020			
Document No:			176422			
Type:			Phase I Environmental Site Assessment			
Title:			Phase I ESA			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 28, 2021
Document No: 180594
Type: Site Characterization Report
Title: Phase II Environmental Site Assessment Lot 39-F 2020/SUB-92 1050/1100 Ala Moana Boulevard
Imported From:

iHEER System - Documents

Date : Sep 23, 2020
Document No: 176773
Type: Phase II Environmental Site Assessment
Title: Phase II Work Plan
Imported From:

iHEER System - Documents

Date : Feb 12, 2021
Document No: 178765
Type: Review Letter
Title: Review of: Additional Stockpile Soil Sampling and Characterization, Lot 39-G 2020/SUB-92, 1100 Ala Moana Boulevard, Honolulu, Hawaii dated January 14, 2021 by Ford and Associates, Inc.
Imported From:

iHEER System - Documents

Date : Aug 24, 2020
Document No: 176465
Type: Review Letter
Title: Review of: Phase I ESA and Site Work Plan
Imported From:

iHEER System - Documents

Date : Nov 4, 2020
Document No: 177469
Type: Review Letter
Title: Review of: Site Work Plan, 1050/1100 Ala Moana Boulevard, Honolulu, Oahu. Hawaii, TMK Number: [1] 2-3-001: Parcels 128, 129, 130, 131, dated October 22, 2020 by Ford & Associates, Inc.
Imported From:

iHEER System - Documents

Date : Oct 6, 2020
Document No: 176893
Type: Comment Letter
Title: Review of: Site Work Plan, 1050/1100 Ala Moana Boulevard, Honolulu, Oahu. Hawaii, TMK Number: [1] 2-3-001: Parcels 128, 129, 130, 131, dated September 23, 2020 by Ford & Associates, Inc.
Imported From:

iHEER System - Documents

Date : Feb 3, 2021
Document No: 178689
Type: Site Characterization Report
Title: Site Sampling Report
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 8, 2020
Document No: 175755
Type: Undetermined
Title: Site Work Plan
Imported From:

iHEER System - Documents

Date : Aug 5, 2020
Document No: 177557
Type: Environmental Assessment
Title: Stockpile and Perimeter Sampling
Imported From:

iHEER System - Documents

Date : May 8, 2020
Document No: 175754
Type: Undetermined
Title: Submission - Site Work Plan
Imported From:

iHEER System - Documents

Date : Oct 22, 2020
Document No: 177411
Type: Site Characterization Work Plan
Title: Updated Site Work Plan
Imported From:

iHEER System - Documents

Date : Dec 30, 2021
Document No: 182663
Type: Undetermined
Title: Ward Village Lot E C-EHMP Approval
Imported From:

iHEER System - Locations Details

Locations ID: 8960
Location Type: CEHMP
Description: cEHMP
Comment : Google Maps and Doc 178983.
Centroid: POINT (-157.85583644453155 21.294670567649629)
Geometry:

POLYGON ((-157.85747663251931 21.295003345623392, -157.85750613682239 21.29505082805159, -157.85751418344563 21.2951058076859, -157.85687849991433 21.295580630945832, -157.85682217352479 21.2956081206669, -157.85678998701391 21.295605621601105, -157.85671756736897 21.295575632814106, -157.85583243839187 21.295175781736656, -157.85426066390949 21.294271114658262, -157.85424725287075 21.294271114658262, -157.85469249956256 21.293606355742593, -157.85561517946596 21.29412616748197, -157.85593704454774 21.294323595496607, -157.85632328264222 21.294491034238668, -157.85692946187939 21.294765933252346, -157.85747663251931 21.295003345623392))

iHEER System - Locations Details

Locations ID: 3178
Location Type: SC
Description: Ward Village Gateway

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comment :		Google Maps				
Centroid:		POINT (-157.855807 21.29465)				
Geometry:		POINT (-157.855807 21.29465)				

iHEER System - Locations Details

Locations ID:	3446
Location Type:	SC
Description:	1100 Ala Moana (address)
Comment :	Google Earth
Centroid:	POINT (-157.8547859999996 21.2938539999996)
Geometry:	POINT (-157.8547859999996 21.2938539999996)

iHEER System - Locations Details

Locations ID:	7804
Location Type:	SB
Description:	
Comment :	
Centroid:	POINT (-157.8558280079248 21.294710229275623)
Geometry:	POLYGON ((-157.85681949131708 21.295625126024493, -157.85753295890879 21.2951003214387, -157.85693750851158 21.294800432262452, -157.85608993046091 21.294505540642682, -157.85527990333651 21.294010721171237, -157.85471127502572 21.293665846009059, -157.85426602833394 21.294315610133324, -157.85574124329275 21.295130310322666, -157.85622404091089 21.295365223035319, -157.85681949131708 21.295625126024493))

Site Details

Centroid:	POINT (-157.855807 21.29465)
Updated On:	6/16/2022 10:50:05 AM
Coordinates:	21.29465,-157.855807

Site Details

Centroid:	POINT (-157.8547859999996 21.2938539999996)
Updated On:	6/16/2022 10:50:05 AM
Coordinates:	21.2938539999996,-157.8547859999996

iHEER System - Aliases

Name:	Brownfields Low Priority Site
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iHEER System - Aliases

Name:	1% flood risk with SLR 3.2ft
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266	1 of 1	NW	0.81 / 4,267.33	3.28 / 0	Former Pauley Petroleum 795 N Nimitz Hwy Honolulu HI 96817	SHWS
iHEER ID (Public iHEER):		983				
Site Name (Public iHEER):		Former Pauley Petroleum				
Aliases (Public iHEER):		1% flood risk with SLR 3.2ft, 115, Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, IDPP, OU1B, Pauley Petroleum				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		795 N Nimitz Hwy				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Referred				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/21/2021 1:02:32 PM				
Ms Access ID (Public iHEER):		253				
Suppl Loc (Public iHEER):		795 N Nimitz Hwy				
Tax Map Keys (Public iHEER):		115035011				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		983				
Site Name (PORTAL):		Former Pauley Petroleum				
Loc Desc (PORTAL):		795 N Nimitz Hwy				
Address (PORTAL):		795 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REFERRED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Iris van der Zander				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/983/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Feb 6, 1995
Document No: 28059
Type: Request for Information
Title: Request for Information Honolulu Harbor Petroleum Contaminated Area, Honolulu HI
Imported From: 62957#\Heersharepoint1\facilitysite%20documents\62957.pdf

iHEER System - Documents

Date : Oct 6, 2003
Document No: 28012
Type: Request for Information
Title: Request for Information letter
Imported From: 50716#\Heersharepoint1\facilitysite%20documents\50716.pdf

iHEER System - Documents

Date :
Document No: 13098
Type: Request for Information
Title: Responses to Enclosure A Information Request List Media Folder
Imported From: \facilitysite documents\media62992\Responses to Enclosure A Information Request List-Combined.pdf

iHEER System - Documents

Date : Sep 9, 2005
Document No: 29351
Type: Review Letter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Review of Site Investigation Former Pier 32 Tank Farm Honolulu Harbor				
Imported From:		2005-461#Q:\2005 Final Correspondence (Day File)\05-461-LY.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 18, 2005				
Document No:		28071				
Type:		Site Characterization Work Plan				
Title:		SAP, Site Characterization Non-Petroleum Contamination Former Pier 32 Tank Farm Site, Honolulu HI				
Imported From:		37450#\Heersharepoint1\facilitiesite%20documents\37450.pdf				
<u>iHEER System - Documents</u>						
Date :		14928				
Document No:		Undetermined				
Type:		Section 7.0 References				
Title:		62996#\Heersharepoint1\facilitiesite%20documents\62996.pdf				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 30, 2001				
Document No:		28056				
Type:		Undetermined				
Title:		Site Plan Draft				
Imported From:		62964#\Heersharepoint1\facilitiesite%20documents\62964.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 10, 2001				
Document No:		28070				
Type:		Undetermined				
Title:		Site Safety and Health Plan, Site Characterization Former Pier 32 Tank Farm Site, Oahu HI				
Imported From:		37451#\Heersharepoint1\facilitiesite%20documents\37451.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 6, 1995				
Document No:		28061				
Type:		Undetermined				
Title:		Site Screening Sheet				
Imported From:		62962#\Heersharepoint1\facilitiesite%20documents\62962.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 18, 1997				
Document No:		28073				
Type:		Undetermined				
Title:		Specifications and Proposal for Tank Farm Demolition and Pipeline Removal near Pier 32 Honolulu Harbor, Oahu Job H.C. 1933				
Imported From:		37446#\Heersharepoint1\facilitiesite%20documents\37446.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 15, 2000				
Document No:		28068				
Type:		Undetermined				
Title:		Tank Farm Demolition and Pipeline Removal near Pier 32 Honolulu Harbor, Oahu Job H.C. 1933 Attachment III TCLP Results for Lead Painted Surfaces				
Imported From:		37447#\Heersharepoint1\facilitiesite%20documents\37447.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Jan 4, 2001	
Document No:					28063	
Type:					Request for Information	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 01/04/2001	
Imported From:					1332#\Heersharepoint1\facilitiesite%20documents\1332.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 19, 2001	
Document No:					28010	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 01/19/2001	
Imported From:					1333#\Heersharepoint1\facilitiesite%20documents\1333.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 22, 2001	
Document No:					28064	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 06/22/2001	
Imported From:					1334#\Heersharepoint1\facilitiesite%20documents\1334.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 14, 2000	
Document No:					28023	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 11/14/2000	
Imported From:					1335#\Heersharepoint1\facilitiesite%20documents\1335.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 17, 2000	
Document No:					28022	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 11/17/2000	
Imported From:					1336#\Heersharepoint1\facilitiesite%20documents\1336.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 26, 2000	
Document No:					28020	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 12/26/2000	
Imported From:					1337#\Heersharepoint1\facilitiesite%20documents\1337.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 17, 2000	
Document No:					28007	
Type:					Undetermined	
Title:					Tank Farm Demolition and Pipeline Removal Vicinity Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu - Job H.C. 1933 2 Pages	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 1338#\Heersharepoint1\facilitiesite%20documents\1338.pdf

iHEER System - Documents

Date : May 28, 1997
Document No: 28024
Type: Undetermined
Title: Tank Farm Demolition Blueprints
Imported From: \facilitiesite documents\media63225\Tank Farm Demolition Blueprints-Combined.pdf

iHEER System - Documents

Date : Feb 13, 1997
Document No: 15313
Type: Undetermined
Title: Telephone Decision Log
Imported From: 63019#\Heersharepoint1\facilitiesite%20documents\63019.pdf

iHEER System - Documents

Date : Sep 21, 2021
Document No: 181042
Type: Memo To File
Title: Additional Documents and Site Status
Imported From:

iHEER System - Documents

Date : Sep 14, 2001
Document No: 28065
Type: Site Characterization Work Plan
Title: Advance Work Plan, Site Sampling for Non-Petroleum Contamination Former Pier 32 Tank Farm Site, Honolulu HI
Imported From: 37452#\Heersharepoint1\facilitiesite%20documents\37452.pdf

iHEER System - Documents

Date : Jan 12, 1996
Document No: 28021
Type: Undetermined
Title: Allstate's Industrial & Marine Cleaning Pauley Location Tank 31
Imported From: 62959#\Heersharepoint1\facilitiesite%20documents\62959.pdf

iHEER System - Documents

Date : Nov 16, 2004
Document No: 29350
Type: Comment Letter
Title: Comments to the Preliminary Site Investigation Former Pier 32 Tank Farm Honolulu Harbor
Imported From: 2004-482#Q:\2004 Final Correspondence (Day File)\04-482-LY.pdf

iHEER System - Documents

Date : Jul 26, 2005
Document No: 28074
Type: Site Inspection Report
Title: Draft - Site Investigation, Former Pier 32 Tank Farm, Honolulu Harbor, Honolulu, Oahu HI
Imported From: 37453#\Heersharepoint1\facilitiesite%20documents\Draft Site Investigation, Former Pier 32 Tank Farm, Honolulu Harbor July 26, 2005-Complete,.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Nov 22, 2000
Document No: 28009
Type: Undetermined
Title: Easement Maps Honolulu Harbor Complex, Part 3, Piers 31-34, RP No H-78-694
Imported From: 62973#\Heersharepoint1\facilitiesite%20documents\62973.pdf

iHEER System - Documents

Date : Oct 2, 2001
Document No: 28062
Type: Undetermined
Title: Environmental Investigation near Pier 32
Imported From: 62972#\Heersharepoint1\facilitiesite%20documents\62972.pdf

iHEER System - Documents

Date : Sep 18, 2001
Document No: 28067
Type: Undetermined
Title: Environmental Investigation near Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu Job H.C. 10110
Imported From: 63001#\Heersharepoint1\facilitiesite%20documents\63001.pdf

iHEER System - Documents

Date : Oct 20, 2005
Document No: 28069
Type: Site Inspection Report
Title: Environmental Investigation near Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu Job H.C. 10110
Imported From: 37454#\Heersharepoint1\facilitiesite%20documents\Environmental Investigation near Pier 32 (former Pauley Petroleum Site) Oct 20, 2005-Complete.pdf

iHEER System - Documents

Date : Oct 10, 2001
Document No: 28016
Type: Undetermined
Title: Environmental Investigation near Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu Job H.C. 10110
Imported From: 62999#\Heersharepoint1\facilitiesite%20documents\62999.pdf

iHEER System - Documents

Date : May 13, 2005
Document No: 15558
Type: Undetermined
Title: Environmental Investigation near Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu Job H.C. 10110
Imported From: 2800#\Heersharepoint1\facilitiesite%20documents\2800.pdf

iHEER System - Documents

Date : Sep 24, 2001
Document No: 28066
Type: Undetermined
Title: Environmental Investigation near Pier 32 (former Pauley Petroleum Site), Honolulu Harbor, Oahu Job H.C. 10110
Imported From: 63000#\Heersharepoint1\facilitiesite%20documents\63000.pdf

iHEER System - Documents

Date : Mar 15, 2002
Document No: 28008
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Environmental Investigation near Pier 32, Honolulu Harbor, Oahu Job H.C. 10110	
Imported From:					62998#\Heersharepoint1\facilitiesite%20documents\62998.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 19, 2002	
Document No:					28017	
Type:					Undetermined	
Title:					Environmental Investigation near Pier 32, Honolulu Harbor, Oahu Job H.C. 10110	
Imported From:					62997#\Heersharepoint1\facilitiesite%20documents\62997.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 1, 1990	
Document No:					28015	
Type:					Undetermined	
Title:					Fire Investigation Report	
Imported From:					62993#\Heersharepoint1\facilitiesite%20documents\62993.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 31, 2000	
Document No:					28019	
Type:					Undetermined	
Title:					HEER prioritized the Former Pauley Petroleum Site at Pier 32	
Imported From:					49518#\Heersharepoint1\facilitiesite%20documents\49518.pdf	
<u>iHEER System - Documents</u>						
Date :						
Document No:					15267	
Type:					Undetermined	
Title:					Honolulu Harbor Contact Sheets and Other Contact Information	
Imported From:					62995#\Heersharepoint1\facilitiesite%20documents\62995.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 16, 1995	
Document No:					28058	
Type:					Undetermined	
Title:					Honolulu Harbor Meeting Notice	
Imported From:					62956#\Heersharepoint1\facilitiesite%20documents\62956.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 9, 1974	
Document No:					21252	
Type:					Undetermined	
Title:					Iwilei Aerial Photo Pic 89830/90830 Date Flown 10/9/1974	
Imported From:					63301#\Heersharepoint1\facilitiesite%20documents\63301.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 31, 2002	
Document No:					28057	
Type:					Undetermined	
Title:					Map Pauley Petroleum Inc Honolulu Terminal with Figure 2 Boring/Well Locations	
Imported From:					62966#\Heersharepoint1\facilitiesite%20documents\62966.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Feb 12, 1997
Document No: 17100
Type: Undetermined
Title: Media Folder with Photos 2 sets with index prints
Imported From: \facilitysite documents\media62979\Media Folder with Photos-Combined.pdf

iHEER System - Documents

Date : Nov 18, 2005
Document No: 14277
Type: No Further Action Determination Letter
Title: No Further Action Letter
Imported From: 2005-594#Q:\2005 Final Correspondence (Day File)\05-594-CAC.pdf

iHEER System - Documents

Date :
Document No: 21226
Type: Undetermined
Title: Pauley Petroleum Scope of Work, Part 1
Imported From: 125881#\Heersharepoint1\facilitysite%20documents\125881.pdf

iHEER System - Documents

Date : Aug 20, 2004
Document No: 21227
Type: Undetermined
Title: Pauley Site - 24 pics of Site and seep - 8-20-2004
Imported From: \facilitysite documents\media63540\Pauley Site-24 pics of Site and seep-8-20-2004-Combined.pdf

iHEER System - Documents

Date : Sep 30, 1995
Document No: 14720
Type: Undetermined
Title: Photos-2
Imported From: 63023#\Heersharepoint1\facilitysite%20documents\63023.pdf

iHEER System - Documents

Date : Jan 17, 2001
Document No: 28011
Type: Undetermined
Title: Pier 32 Tank Farm Demo
Imported From: 62994#\Heersharepoint1\facilitysite%20documents\62994.pdf

iHEER System - Documents

Date : Apr 11, 1995
Document No: 28014
Type: Undetermined
Title: Pier 32 Tanks
Imported From: 62967#\Heersharepoint1\facilitysite%20documents\62967.pdf

iHEER System - Documents

Date : Apr 15, 2002
Document No: 28060
Type: Undetermined
Title: Preliminary Site Investigation Former Pier 32 Tank Farm Honolulu Harbor, Honolulu, Oahu HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 37449#\Heersharepoint1\facilitiesite%20documents\37449.pdf

iHEER System - Documents

Date : Oct 15, 2003
Document No: 29352
Type: Request for Information
Title: Request for info re: Aala Produce dba Aala Ship Service
Imported From: 2003-323#Q:\2003 Final Correspondence (Day File)\03-323-LY.pdf

iHEER System - Documents

Date : Oct 18, 2000
Document No: 28018
Type: Request for Information
Title: Request for Information attached to Letter of Interest for HEER Case 20001017-1530
Imported From: 49553#\Heersharepoint1\facilitiesite%20documents\49553.pdf

iHEER System - Locations Details

Locations ID: 1606
Location Type: SC
Description: 795 N Nimitz Highway
Comment : Google Maps
Centroid: POINT (-157.875 21.313699999999997)
Geometry:

POINT (-157.875 21.313699999999997)

iHEER System - Locations Details

Locations ID: 8718
Location Type: SB
Description: Former Facility Boundary
Comment : Approximate
Centroid: POINT (-157.87498309168674 21.313588642122653)
Geometry:

POLYGON ((-157.87549889087657 21.313702381627916, -157.87530040741385 21.314002232225242, -157.874361634255 21.313367547737194, -157.87479883432351 21.313240110757587, -157.87478542328481 21.313245108288427, -157.87478005886035 21.313247607053363, -157.87549889087657 21.313702381627916))

Site Details

Centroid: POINT (-157.875 21.313699999999997)
Updated On: 9/21/2021 1:02:32 PM
Coordinates: 21.313699999999997,-157.875

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		OU1B				
<u>iHEER System - Aliases</u>						
Name:		IDPP				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Received a Restricted NFA				
<u>iHEER System - Aliases</u>						
Name:		115				
<u>iHEER System - Aliases</u>						
Name:		Pauley Petroleum				

267	1 of 1	SSE	0.81 / 4,271.73	3.28 / 0	Kakaako Brownfield Project-Unit 8 59 Ahui St Honolulu HI 96814	SHWS
iHEER ID (Public iHEER):		300				
Site Name (Public iHEER):		Kakaako Brownfield Project-Unit 8				
Aliases (Public iHEER):		Brownfields Funded, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 8, Kakaako Makai, SLR 3.2ft Flooding				
Street (Public iHEER):		59 Ahui St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		SRP				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		5/30/2019 8:35:41 PM				
Updated on (Public iHEER):		485				
Ms Access ID (Public iHEER):		59 Ahui St				
Suppl Loc (Public iHEER):		121058041, 121058082, 121058083, 121058084, 121058085, 121058086, 121058091, 121058130				
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		300				
Site Name (PORTAL):		Kakaako Brownfield Project-Unit 8				
Loc Desc (PORTAL):		59 Ahui St				
Address (PORTAL):		59 Ahui St				
		Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status (PORTAL): Priority (PORTAL): Lead Agency (PORTAL): Program (PORTAL): Assigned Rpm (PORTAL): Details URL (PORTAL): Data Source(s):		REMEDY SELECTED Unranked HEER Office SRP Melody Calisay https://eha-cloud.doh.hawaii.gov/iheer#!/site/300/details/view iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Jun 1, 2009 31272 Undetermined EHMP 113396#\Heersharepoint1\facilitiesite%20documents\113396.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Apr 16, 2004 31271 Undetermined Kakaako Unit 8 Supplement Phase 2 Targeted Brownfields Assessment Report & Final Memorandum for the Kakaako Unit 8 Preliminary Recommendations 697#\Heersharepoint1\facilitiesite%20documents\697.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Mar 30, 2004 31260 Undetermined Kakaako Unit 8 Supplemental Phase 2 Targeted Brownfields Assessment Report Final 38417#\Heersharepoint1\facilitiesite%20documents\38417.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Dec 7, 2007 183430 Undetermined Laboratory Analytical Results for Lead in Soil at KKFC Site				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Jan 23, 2006 15005 Undetermined Phase I ESA Kakaako Waterfront Redevelopment Property 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf				
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:		Jul 26, 1999 31246 Undetermined Phase II Environmental Site Characterization 38412#\Heersharepoint1\facilitiesite%20documents\38412.pdf				
<u>iHEER System - Documents</u>						
Date : Document No:		Nov 1, 1999 31247				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Transmittal of good example of Sampling & Analysis Plan				
Imported From:		49117#\Heersharepoint1\facilitsite%20documents\49117.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 23, 1998				
Document No:		31279				
Type:		Undetermined				
Title:		UST Closure Former GRG Enterprises Site				
Imported From:		38413#\Heersharepoint1\facilitsite%20documents\38413.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 13, 2007				
Document No:		16416				
Type:		Undetermined				
Title:		Work Plan for Temporary Capping at Kakaako Unit 8 - Kewalo Fishing Conservancy				
Imported From:		2007-842#Q:\2007 Final Correspondence (Day File)\07-842-MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 17, 2008				
Document No:		19406				
Type:		Undetermined				
Title:		Work Plan for Temporary Capping at Kakaako Unit 8-Kewalo Fishing Conservancy				
Imported From:		7171#\Heersharepoint1\facilitsite%20documents\7171.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14729				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\facilitsite documents\media96260\P1070070.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14731				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\facilitsite documents\media96260\P1060820.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14733				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\facilitsite documents\media96260\P1070094.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14735				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\facilitsite documents\media96260\P1060856.JPG				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 15, 2007
Document No: 14737
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060869.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14739
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070068.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14741
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060908.MOV

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14743
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060821.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14745
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060899.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14747
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060859.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14749
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070011.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14751

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060914.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14753				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060987.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14755				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060990 to 99 pano crop.jpg				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14757				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060852.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14759				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070018.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14761				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070120.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14763				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070069.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14765				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070119.JPG				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 15, 2007
Document No: 14750
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060868.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14752
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070079.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14721
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060871.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14723
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060861.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14725
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070063.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14722
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070076.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14724
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060884.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14726

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060980.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14728				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070041.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14730				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060819.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14732				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070013.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14734				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060855.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14736				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070099.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14754				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060874.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14756				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060833.JPG				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 15, 2007
Document No: 14758
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060865.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14760
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070110.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14762
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1070107.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14764
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060825.JPG

iHEER System - Documents

Date : Aug 7, 2003
Document No: 31242
Type: Undetermined
Title: Comments on Kakaako 8 proposal
Imported From: 2003-225#Q:\2003 Final Correspondence (Day File)\03-225-DB.pdf

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14727
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060920.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14738
Type: Undetermined
Title: 2007-11-15 Kakaako Unit 8 multi-increment sampling photos
Imported From: \facilitysite documents\media96260\P1060864.JPG

iHEER System - Documents

Date : Nov 15, 2007
Document No: 14740

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060967.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14742				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1070057.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14744				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060863.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14746				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060939.JPG				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2007				
Document No:		14748				
Type:		Undetermined				
Title:		2007-11-15 Kakaako Unit 8 multi-increment sampling photos				
Imported From:		\\facilitysite documents\media96260\P1060862.JPG				
<u>iHEER System - Documents</u>						
Date :		Aug 7, 2003				
Document No:		31241				
Type:		Undetermined				
Title:		Comments on Kakaako 8 proposal				
Imported From:		50631#\Heersharepoint1\facilitysite%20documents\50631.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 2003				
Document No:		31240				
Type:		Undetermined				
Title:		Concurrence on Plan for Additional Sampling for the Kakaako 8 Project				
Imported From:		120276#\Heersharepoint1\facilitysite%20documents\120276.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 17, 2004				
Document No:		31274				
Type:		Undetermined				
Title:		Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property				
Imported From:		\\facilitysite documents\media449\Letter.PDF				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 17, 2004
Document No: 31276
Type: Undetermined
Title: Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property
Imported From: \facilitysite documents\media449\Media137410\Final PTA LTM Rept Oct2018_Mar2019.pdf

iHEER System - Documents

Date : Feb 17, 2004
Document No: 31278
Type: Undetermined
Title: Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property
Imported From: \facilitysite documents\media449\Media 128242\App A-Sub-Slab Soil Vapor.pdf

iHEER System - Documents

Date : Feb 17, 2004
Document No: 31273
Type: Undetermined
Title: Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property
Imported From: \facilitysite documents\media449\Report.pdf

iHEER System - Documents

Date : Feb 17, 2004
Document No: 31275
Type: Undetermined
Title: Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property
Imported From: \facilitysite documents\media449\Media137410\20190508100558228.pdf

iHEER System - Documents

Date : Feb 17, 2004
Document No: 31277
Type: Undetermined
Title: Draft Preliminary Recommendations for Remedial Alternatives at the Kakaako Unit 8 Property
Imported From: \facilitysite documents\media449\Media 128242\App B-Soil Vapor Wells.pdf

iHEER System - Documents

Date : Feb 1, 2000
Document No: 31282
Type: Undetermined
Title: Draft SAP for Kakaako Brownfield Unit 8 Site Characterization Study, Oahu HI
Imported From: 38408#\Heersharepoint1\facilitysite%20documents\38408.pdf

iHEER System - Documents

Date : Feb 5, 2004
Document No: 31284
Type: Undetermined
Title: Draft Supplemental Phase II Targeted Brownfield Assessment Report
Imported From: \facilitysite documents\media4373\Report.pdf

iHEER System - Documents

Date : Feb 5, 2004
Document No: 31283

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: Undetermined
 Title: Draft Supplemental Phase II Targeted Brownfield Assessment Report
 Imported From: \facilitysite documents\media4373\Letter.PDF

iHEER System - Documents

Date : Aug 22, 2003
 Document No: 31253
 Type: Undetermined
 Title: Draft Technical Memorandum, Evaluation of Potential Data Gaps for Site Characterization Study, Kaka'ako Brownfield Unit 8, Honolulu Hawaii
 Imported From: 122890#\Heersharepoint1\facilitysite%20documents\122890.pdf

iHEER System - Locations Details

Locations ID: 1709
 Location Type: SC
 Description:
 Comment : EPO; PrimaryTemp ; ARC_STREET: 59 Ahui St XTRA_ADD: PrimaryTemp ;
 Centroid: POINT (-157.86037100000001 21.292151999999998)
 Geometry:

POINT (-157.86037100000001 21.292151999999998)

Site Details

Centroid: POINT (-157.86037100000001 21.292151999999998)
 Updated On: 5/30/2019 8:35:41 PM
 Coordinates: 21.292151999999998,-157.86037100000001

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 8

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Brownfields Funded

268	1 of 1	SSE	0.81 / 4,272.56	3.28 / 0	KGU Radio Station Transmitter Tower 111 Ahui St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 1854
 Site Name (Public iHEER): KGU Radio Station Transmitter Tower
 Aliases (Public iHEER): 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		111 Ahui St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFA				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		DOD-IRP				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		3/13/2020 12:21:02 PM				
Ms Access ID (Public iHEER):		3050				
Suppl Loc (Public iHEER):		111 Ahui St, Honolulu, HI 96814				
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1854				
Site Name (PORTAL):		KGU Radio Station Transmitter Tower				
Loc Desc (PORTAL):		111 Ahui St, Honolulu, HI 96814				
Address (PORTAL):		111 Ahui St Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA – TYPE UNDETERMINED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		DOD-IRP				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1854/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Apr 18, 2000
Document No: 166046
Type: No Further Action Determination Letter
Title: Draft Site Closure Report, KGU Radio Station Soil Remediation Beneath Tower at 111 Ahui St, Honolulu HI
Imported From: 98055#\Heersharepoint1\facilitiesite%20documents\98055.pdf

iHEER System - Documents

Date : Jan 14, 2000
Document No: 166043
Type: Undetermined
Title: Draft Site Closure Report, KGU Radio Station Soil Remediation Beneath Transmitter Tower at 111 Ahui St, Honolulu HI Island
Imported From: 107867#\Heersharepoint1\facilitiesite%20documents\107867.pdf

iHEER System - Documents

Date : Dec 21, 1999
Document No: 166045
Type: Undetermined
Title: Draft Site Closure Report, KGU Radio Station Soil Remediation Beneath Transmitter Tower, 111 Ahui St, Honolulu, Island of Oahu, Hawaii, Contract No DACA83-96-D-0008, Delivery Order No 0010
Imported From: 121789#\Heersharepoint1\facilitiesite%20documents\121789.pdf

iHEER System - Documents

Date : Jan 7, 1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		166044				
Type:		Undetermined				
Title:		Work Plan and SAP Site Characterization and Soil Remediation KGU Radio Station Transmitter Tower, Honolulu HI				
Imported From:		103470#\Heersharepoint1\facilitiesite%20documents\103470.pdf				

iHEER System - Locations Details

Locations ID:	5163
Location Type:	SC
Description:	
Comment :	Google Maps
Centroid:	POINT (-157.860996 21.291610000000002)
Geometry:	

POINT (-157.860996 21.291610000000002)

Site Details

Centroid:	POINT (-157.860996 21.291610000000002)
Updated On:	3/13/2020 12:21:02 PM
Coordinates:	21.291610000000002,-157.860996

iHEER System - Aliases

Name:	1% flood risk with SLR 3.2ft
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<u>269</u>	1 of 1	N	0.81 / 4,285.87	6.56 / 3	Mayor Wright Homes Redevelopment Project 1020 Liliha Street Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER):	2986
Site Name (Public iHEER):	Mayor Wright Homes Redevelopment Project
Aliases (Public iHEER):	HUD Project
Street (Public iHEER):	1020 Liliha Street
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96817
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Consultation
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	Consultation
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	TRUE
Updated on (Public iHEER):	4/27/2022 10:22:15 AM
Ms Access ID (Public iHEER):	
Suppl Loc (Public iHEER):	Bounded by 4 existing roadways: North King St, Pua Lane, North Vineyard Blvd, and Liliha St.
Tax Map Keys (Public iHEER):	117029003
iHEER ID (Non Public iHEER):	
Site Name (Non Public iHEER):	
Address (Non Public iHEER):	
City State Zip (Non Public):	
Suppl Loc Text(Non Public):	
iHEER ID (PORTAL):	2986
Site Name (PORTAL):	Mayor Wright Homes Redevelopment Project
Loc Desc (PORTAL):	Bounded by 4 existing roadways: North King St, Pua Lane, North Vineyard Blvd, and Liliha St.
Address (PORTAL):	1020 Liliha Street Honolulu, HI 96817
County (PORTAL):	Honolulu
Island (PORTAL):	Oahu
Status (PORTAL):	CONSULTATION
Priority (PORTAL):	Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		Consultation				
Assigned Rpm (PORTAL):		Iris van der Zander				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2986/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Jun 26, 2020				
Document No:		176190				
Type:		Response to Comments				
Title:		COMMENTS ON NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS FOR THE MAYOR WRIGHT HOMES (MWH) REDEVELOPMENT PROJECT IN HONOLULU, HAWAII (TMK: 1-7-029:003)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 11, 2020				
Document No:		175091				
Type:		Undetermined				
Title:		Environmental Assessment Determination and Compliance Findings for HUD -assisted Projects 24 CFR part 58, Project Name: Mayor-Wright Homes Development				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 8, 2020				
Document No:		175094				
Type:		Undetermined				
Title:		Notice of Intent to Request Release of Funds				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 31, 2016				
Document No:		175093				
Type:		Phase I Environmental Site Assessment				
Title:		PHASE I ENVIRONMENTAL SITE ASSESSMENT 1020 LILIHA STREET HONOLULU, HAWAII 96817				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 5, 2018				
Document No:		175092				
Type:		Phase II Environmental Site Assessment				
Title:		PHASE II ENVIRONMENTAL SITE ASSESSMENT 1020 LILIHA STREET HONOLULU, HAWAII 96817				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 18, 2020				
Document No:		175090				
Type:		Comment Letter				
Title:		Response to Notice of Intent to Request Release of Funds				
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:		5662				
Location Type:		SB				
Description:		Planned Development				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Comment :
Centroid: POINT (-157.86412737991103 21.320050260271003)
Geometry:

POLYGON ((-157.86372936073548 21.321634493358552, -157.86575711075861 21.320415160496154, -157.8654781610187 21.320000385124089, -157.86539233032602 21.320040363524527, -157.86502218548694 21.31958560858013, -157.86521530453422 21.319275774734081, -157.86492562596334 21.319025908253696, -157.86472177807613 21.318536168717163, -157.86433017555717 21.318531171366406, -157.86388492886536 21.318721070570902, -157.86345041100458 21.319045897587543, -157.86286568943831 21.319500654203754, -157.86315536800919 21.319850466026516, -157.8625867396984 21.320235258068994, -157.86372936073548 21.321634493358552))

iHEER System - Locations Details

Locations ID: 5663
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.864051 21.320139999999991)
Geometry:

POINT (-157.864051 21.320139999999991)

Site Details

Centroid: POINT (-157.864051 21.320139999999991)
Updated On: 4/27/2022 10:22:15 AM
Coordinates: 21.320139999999991,-157.864051

iHEER System - Aliases

Name: HUD Project

270	1 of 1	N	0.81 / 4,287.55	9.84 / 7	HART City Center Segment Dillingham, Kaaahi, Nimitz, Queen, Kona Honolulu HI	SHWS
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iHEER ID (Public iHEER): 2956
Site Name (Public iHEER): HART City Center Segment
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Unranked Site, HART City Center Section, Honolulu High-Capacity Transit Corridor Project (HHCTCP), Honolulu Rail Transit Project (HRTTP), Honolulu Rail Transit Project - City Center Segment
Street (Public iHEER): Dillingham, Kaaahi, Nimitz, Queen, Kona
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/17/2021 4:46:51 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): From Middle Street to Ala Moana Center
Tax Map Keys (Public iHEER): 115007001, 115007024, 115007026, 115007028, 115007029, 115007032, 115008009, 115008018, 115008020, 115040003, 117002026
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2956

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name (PORTAL):		HART City Center Segment				
Loc Desc (PORTAL):		From Middle Street to Ala Moana Center				
Address (PORTAL):		Dillingham, Kaaahi, Nimitz, Queen, Kona Honolulu, HI				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ASSESSMENT				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Thomas Gilmore				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/2956/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 28, 2022
Document No: 197680
Type: Undetermined
Title: Approved D13 CCUR III Jet Grout 10_28_2022
Imported From:

iHEER System - Documents

Date : May 11, 2021
Document No: 179756
Type: Review Letter
Title: Area 2 & 4 Iwilei Station RACR HDOH RTC Concurrence Letter
Imported From:

iHEER System - Documents

Date : Dec 1, 2019
Document No: 172843
Type: Site Characterization Work Plan
Title: City Center Group 1 Work Plan, Rev. 0
Imported From:

iHEER System - Documents

Date : Jul 17, 2020
Document No: 176827
Type: Site Characterization Work Plan
Title: City Center Group 4 Phase II Environmental Site Assessment and Site Characterization Work Plan, Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Oct 5, 2020
Document No: 177479
Type: Phase II Environmental Site Assessment
Title: City Center Group 5 Phase II Environmental Site Assessment, Rev. 0 and Site Characterization Work Plan Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : May 14, 2021
Document No: 180076
Type: Phase II Environmental Site Assessment
Title: Cover LLetter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Oct 28, 2020
Document No: 177486
Type: Undetermined
Title: Cover Letter Reponse to HDOH Comments on the City Center Group 2 Phase II Environmental Site Assessment and Site Characterization Work Plan

Imported From:

iHEER System - Documents

Date : Jun 24, 2021
Document No: 180155
Type: Phase II Environmental Site Assessment
Title: Cover PhaseII_ESA_DowntownStation_June2021_Rev1-v1

Imported From:

iHEER System - Documents

Date : Oct 5, 2020
Document No: 177478
Type: Phase II Environmental Site Assessment
Title: Coverletter Group 5 Phase II

Imported From:

iHEER System - Documents

Date : Sep 25, 2020
Document No: 177481
Type: Comment Letter
Title: Coverletter Reponse to HDOH Comments on the City Center Group 1 Phase II Environmental Site Assessment and Site Characterization Work Plan

Imported From:

iHEER System - Documents

Date : Apr 3, 2020
Document No: 176327
Type: Phase II Environmental Site Assessment
Title: Coverletter Rev 0 Group 2 Phase II WP

Imported From:

iHEER System - Documents

Date : Oct 22, 2020
Document No: 178184
Type: Hazardous Substance Written Follow-Up Notification
Title: D-12 Iwilei & N. Nimitz EIR00046-TO15-Contaminated Soil-v1.pdf

Imported From:

iHEER System - Documents

Date : Aug 13, 2020
Document No: 178215
Type: Hazardous Substance Written Follow-Up Notification
Title: D12 20200813-1303TC Excavation Locations-v1.pdf

Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 13, 2020
Document No: 178214
Type: Hazardous Substance Written Follow-Up Notification
Title: D12 20200813-1303TC- D12 Signed-v1.pd
Imported From:

iHEER System - Documents

Date : Aug 13, 2020
Document No: 178216
Type: Hazardous Substance Written Follow-Up Notification
Title: D12 Attachments 20200813-1303TC-v1.pdf
Imported From:

iHEER System - Documents

Date : May 14, 2021
Document No: 180077
Type: Phase II Environmental Site Assessment
Title: Downtown Phase II Responses to Comments
Imported From:

iHEER System - Documents

Date : Aug 19, 2020
Document No: 176683
Type: Undetermined
Title: Emails Regarding Retaining Wall near Awa Pump Station
Imported From:

iHEER System - Documents

Date : Oct 21, 2022
Document No: 197619
Type: Undetermined
Title: HART CCUR III Deviation Sampling form D13 10_04_2022
Imported From:

iHEER System - Documents

Date : Oct 21, 2022
Document No: 197616
Type: Undetermined
Title: HART CCUR III SAP Addendum Summary
Imported From:

iHEER System - Documents

Date : Oct 21, 2022
Document No: 197617
Type: Undetermined
Title: HART CCUR III SAP Addendum 1
Imported From:

iHEER System - Documents

Date : Oct 21, 2022
Document No: 197618

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		HART CCUR III SAP Addendum 2				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 21, 2022				
Document No:		197620				
Type:		Undetermined				
Title:		HART CCUR III SAP Addendum 3				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 21, 2022				
Document No:		197615				
Type:		Undetermined				
Title:		HART CCUR III SAP Addendum 4				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 21, 2022				
Document No:		197621				
Type:		Undetermined				
Title:		HART CCUR III SAP Rev 2				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 8, 2020				
Document No:		178262				
Type:		Phase II Environmental Site Assessment				
Title:		HART Group2 WP Rev0 RTC 20201208 HEER-Coverletter				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 8, 2020				
Document No:		178261				
Type:		Phase II Environmental Site Assessment				
Title:		HART Group2 WP Rev0 RTC 20201208 SHWB-Coverletter.pdf				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 7, 2020				
Document No:		178260				
Type:		Phase II Environmental Site Assessment				
Title:		HART Group2_HDOH_11-23-20-Review_RTC_Table				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 4, 2020				
Document No:		178252				
Type:		Phase II Environmental Site Assessment				
Title:		HART HDOH City Center Group 3 Phase II ESA Site Charact WP Rev0 HEER -Coverletter Signed.pdf				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 4, 2020
Document No: 178251
Type: Phase II Environmental Site Assessment
Title: HART HDOH CityCenter_Group3 Phase II ESA SiteCharact WP Rev0 SHWB-Coverletter Signed.pdf
Imported From:

iHEER System - Documents

Date : Feb 17, 2021
Document No: 178951
Type: Phase II Environmental Site Assessment
Title: HART Phase II ESA Downtown Station HECO Cover Letter
Imported From:

iHEER System - Documents

Date : Aug 25, 2020
Document No: 178372
Type: Site Inspection Report
Title: hart windshield audit 8-25-20
Imported From:

iHEER System - Documents

Date : Aug 21, 2020
Document No: 178371
Type: Site Inspection Report
Title: HART Windshield Audits 8-21-20
Imported From:

iHEER System - Documents

Date : Feb 11, 2021
Document No: 178790
Type: Review Letter
Title: HART-COR-00692 City Center Group 2 RTC3 HEER-Coverletter-v1.pdf
Imported From:

iHEER System - Documents

Date : Jun 20, 2020
Document No: 178254
Type: Phase II Environmental Site Assessment
Title: HART_PhaseIIESA_WP_Group3_Rev0_June2020.pdf
Imported From:

iHEER System - Documents

Date : Nov 23, 2020
Document No: 177702
Type: Review Letter
Title: HDOH Review of HART Response to Comments - Group 2
Imported From:

iHEER System - Documents

Date : Jul 16, 2020
Document No: 176825

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Site Characterization Work Plan	
Title:					HEER CV Group 4 WP	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jul 20, 2020	
Document No:					177024	
Type:					Phase II Environmental Site Assessment	
Title:					HEER CV Phase II ESA Work Plan for Pacific Guardian Center	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Sep 28, 2020	
Document No:					176752	
Type:					Site Characterization Work Plan	
Title:					IN SITU SOIL SAMPLING AND ANALYSIS PLAN Honolulu Authority for Rapid Transportation City Center Utility Relocation	
Imported From:					submitted via email end of August, then via ePermitting Sept 9, 2020	
<u>iHEER System - Documents</u>						
Date :					Dec 1, 2019	
Document No:					173499	
Type:					Undetermined	
Title:					KML for HART City Center Section	
Imported From:					HartCityCenterSection.kml	
<u>iHEER System - Documents</u>						
Date :					Jun 25, 2021	
Document No:					180166	
Type:					Concurrence Letter	
Title:					Approval HART PhII Downtown Station Makai Rev1V1	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 9, 2019	
Document No:					172842	
Type:					Site Characterization Work Plan	
Title:					Transmittal Letter, City Center Group 1 Work Plan, Rev. 0	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 4, 2020	
Document No:					175484	
Type:					Undetermined	
Title:					Transmittal of Deviation Form D-13	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 14, 2021	
Document No:					180042	
Type:					Phase II Environmental Site Assessment	
Title:					NR Phase II Environmental Site Assessment Report for the Civic Center Station Mauka Lot	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 17, 2021
Document No: 178952
Type: Phase I Environmental Site Assessment
Title: Phase II ESA Downtown Station HECO
Imported From:

iHEER System - Documents

Date : Jun 24, 2021
Document No: 180156
Type: Phase II Environmental Site Assessment
Title: PhaseII_ESA_DowntownStation_June2021_Rev1-v1
Imported From:

iHEER System - Documents

Date : Feb 4, 2021
Document No: 178791
Type: Review Letter
Title: PhII-SC_Group2_HDOH_1-8-21-2nd_Review_RTC_Rev0_20210204-v1.pdf
Imported From:

iHEER System - Documents

Date : Jul 17, 2020
Document No: 176826
Type: Site Characterization Work Plan
Title: Redlined City Center Group 4 Phase II Environmental Site Assessment and Site Characterization Work Plan, Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Sep 29, 2020
Document No: 177482
Type: Comment Letter
Title: Reponse to HDOH Comments on the City Center Group 1 Phase II Environmental Site Assessment and Site Characterization Work Plan
Imported From:

iHEER System - Documents

Date : Oct 30, 2020
Document No: 177485
Type: Undetermined
Title: Reponse to HDOH Comments on the City Center Group 2 Phase II Environmental Site Assessment and Site Characterization Work Plan
Imported From:

iHEER System - Documents

Date : Jun 11, 2021
Document No: 180075
Type: Phase II Environmental Site Assessment
Title: Report Submittal
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Sep 17, 2020				
Document No:		176682				
Type:		Request for Information				
Title:		Request for Information Regarding Penetration of a Retaining and/or Sea Wall near Awa Pump Station				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 8, 2020				
Document No:		175506				
Type:		Undetermined				
Title:		Retraction of Deviation Form D-13, Ref #175484				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 1, 2020				
Document No:		176329				
Type:		Phase II Environmental Site Assessment				
Title:		Rev. 0 City Center Group 2 Phase II Environmental Site Assessment and Site Characterization Work Plan Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 7, 2021				
Document No:		178361				
Type:		Comment Letter				
Title:		Review of City Center Group 3 Phase II Environmental Site Assessment and Site Characterization Work Plan RTCs, Honolulu, Oahu, Hawaii, Revision 0				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 20, 2020				
Document No:		177170				
Type:		Review Letter				
Title:		Review of In Situ Soil Sampling and Analysis Plan, Honolulu Authority for Rapid Transportation, City Center Utility Relocation, dated August 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 14, 2021				
Document No:		179782				
Type:		Review Letter				
Title:		Review of Phase II ESA for Downtown Makai Lot (HECO)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 1, 2020				
Document No:		176561				
Type:		Comment Letter				
Title:		Review of Rev. 0, City Center Group 1 Phase II Environmental Site Assessment and Site Characterization Work Plan, Honolulu, Oahu, Hawaii, Dated December 2019				
Imported From:						
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date :		Oct 1, 2020				
Document No:		176764				
Type:		Comment Letter				
Title:		Review of Rev. 0, City Center Group 2 Phase II Environmental Site Assessment and Site Characterization Work Plan, Honolulu, Oahu, Hawaii, dated April 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 15, 2021				
Document No:		180046				
Type:		Concurrence Letter				
Title:		Review of the Responses to May 2021 Comments on Phase II ESA For Downtown Makai Lot (HECO)				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 20, 2020				
Document No:		177026				
Type:		Phase II Environmental Site Assessment				
Title:		REVISION 0, PHASE II ESA WORK PLAN, Phase II ESA for the Pacific Guardian Center Property, Honolulu, Oahu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 10, 2021				
Document No:		179055				
Type:		Undetermined				
Title:		RTCs to City Center Group 3 Phase II Environmental Site Assessment and Site Characterization Work Plan, Honolulu, Oahu, Hawaii. Revision A				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2023				
Document No:		200360				
Type:		Undetermined				
Title:		Sampling and Analysis Plan Revision 1				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 16, 2020				
Document No:		176824				
Type:		Site Characterization Work Plan				
Title:		SHWB CV Group 4 WP				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 20, 2020				
Document No:		177025				
Type:		Phase II Environmental Site Assessment				
Title:		SHWB CV Phase II ESA Work Plan for Pacific Guardian Center				
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:		5171				
Location Type:		SC				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description:
Comment : Google Maps
Centroid: POINT (-157.86551 21.312772000000002)
Geometry:

POINT (-157.86551 21.312772000000002)

Site Details

Centroid: POINT (-157.86551 21.312772000000002)
Updated On: 11/17/2021 4:46:51 PM
Coordinates: 21.312772000000002,-157.86551

iHEER System - Aliases

Name: Honolulu Rail Transit Project (HRTTP)

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project (HHCTCP)

iHEER System - Aliases

Name: Brownfields Unranked Site

iHEER System - Aliases

Name: Honolulu Rail Transit Project - City Center Segment

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: HART City Center Section

271	1 of 1	N	0.81 / 4,290.62	6.56 / 3	Kukui Gardens 1103 Liliha St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 888
Site Name (Public iHEER): Kukui Gardens
Aliases (Public iHEER):
Street (Public iHEER): 1103 Liliha St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Consultation
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/3/2020 8:20:09 AM
Ms Access ID (Public iHEER): 1868
Suppl Loc (Public iHEER): 1103 Liliha St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 117026007, 117026053

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):						
Site Name (PORTAL):						
Loc Desc (PORTAL):						
Address (PORTAL):						
County (PORTAL):						
Island (PORTAL):						
Status (PORTAL):						
Priority (PORTAL):						
Lead Agency (PORTAL):						
Program (PORTAL):						
Assigned Rpm (PORTAL):						
Details URL (PORTAL):						
Data Source(s):						

iHEER System - Documents

Date : Nov 25, 2009
Document No: 5469
Type: Undetermined
Title: Kukui Gardens Categorical Exclusion Documentation
Imported From: 61730#\Heersharepoint1\facilitiesite%20documents\61730.pdf

iHEER System - Documents

Date : Nov 25, 2009
Document No: 135372
Type: Undetermined
Title: Kukui Gardens Categories Exclusion Documentation
Imported From: 61721#\Heersharepoint1\facilitiesite%20documents\61721.pdf

iHEER System - Documents

Date : Dec 9, 2009
Document No: 135373
Type: Undetermined
Title: Kukui Gardens NEPA Inquiry
Imported From: 61836#\Heersharepoint1\facilitiesite%20documents\61836.pdf

iHEER System - Documents

Date : Nov 16, 2007
Document No: 135374
Type: Phase I Environmental Site Assessment
Title: Phase I ESA Project No 710-00322-PH1 Kukui Garden TMK 1-1-7-026-007, Lot A
Imported From: 111007#\Heersharepoint1\facilitiesite%20documents\111007.pdf

iHEER System - Documents

Date : Nov 27, 2007
Document No: 135376
Type: Undetermined
Title: RE: PCB Sampling and Analysis, 1103 Liliha St, Lot A Honolulu Hawaii ENPRO Project: 711-00344-PH2
Imported From: 111009#\Heersharepoint1\facilitiesite%20documents\111009.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 30, 2007
Document No: 135375
Type: Undetermined
Title: RE: Soil and Oil Sampling/Analysis, 1103 Liliha St, Honolulu Hawaii ENPRO Project 710-00323-PH2
Imported From: 111008#\Heersharepoint1\facilitysite%20documents\111008.pdf

iHEER System - Locations Details

Locations ID: 5885
Location Type: SC
Description: Leaking Transformer
Comment : Placed by RPM
Centroid: POINT (-157.861323 21.317427999999992)
Geometry:

POINT (-157.861323 21.317427999999992)

iHEER System - Locations Details

Locations ID: 5886
Location Type: SC
Description: Bulky Item Disposal Area
Comment : Placed by RPM
Centroid: POINT (-157.863351 21.316069)
Geometry:

POINT (-157.863351 21.316069)

iHEER System - Locations Details

Locations ID: 5887
Location Type: SB
Description: Property boundary
Comment : Placed by RPM
Centroid: POINT (-157.86258635118239 21.317837264657484)
Geometry:

POLYGON ((-157.86336965047522 21.315893941737858, -157.86246306382725 21.3166035765708, -157.86288148843263 21.317078330353613, -157.8629780479562 21.317253239254974, -157.86299950562713 21.317433145336285, -157.86294049702988 21.317618048579163, -157.86279565773995 21.317812946340112, -157.86227530919547 21.318172756910638, -157.86104685746571 21.316638558481014, -157.86016709290413 21.317158288734156, -157.86222166501366 21.31975191509752, -157.86385781250885 21.318507579844045, -157.8645122715123 21.317947875406976, -157.86450690709682 21.317892904320608, -157.86415285550419 21.316848449766464, -157.86415285550419 21.316848449766464, -157.86336965047522 21.315893941737858))

Site Details

Centroid: POINT (-157.863351 21.316069)
Updated On: 6/3/2020 8:20:09 AM
Coordinates: 21.316069,-157.863351

Site Details

Centroid: POINT (-157.861323 21.317427999999992)
Updated On: 6/3/2020 8:20:09 AM
Coordinates: 21.317427999999992,-157.861323

272	1 of 1	NNW	0.82 / 4,314.40	3.28 / 0	BHP Gasco Benzene Site 616 Iwilei Rd Honolulu HI 96817	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
iHEER ID (Public iHEER):		924				
Site Name (Public iHEER):		BHP Gasco Benzene Site				
Aliases (Public iHEER):		115, Construction EHMP, Dole Iwilei, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, LTM, SLR 3.2ft Flooding, Vapor Barrier				
Street (Public iHEER):		616 Iwilei Rd				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy In Place				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/6/2022 5:22:01 PM				
Ms Access ID (Public iHEER):		99				
Suppl Loc (Public iHEER):		616 Iwilei Rd				
Tax Map Keys (Public iHEER):		115012006, 115012019, 115012020				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		924				
Site Name (PORTAL):		BHP Gasco Benzene Site				
Loc Desc (PORTAL):		616 Iwilei Rd				
Address (PORTAL):		616 Iwilei Rd Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Sven Lindstrom				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/924/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Feb 28, 2023
Document No: 202689
Type: Monitoring Report
Title: 2022 Long Term Monitoring Report Appendix C
Imported From:

iHEER System - Documents

Date : Feb 28, 2023
Document No: 202692
Type: Monitoring Report
Title: 2022 Long Term Monitoring Report Appendix D
Imported From:

iHEER System - Documents

Date : Feb 28, 2023
Document No: 202694
Type: Monitoring Report
Title: 2022 Long Term Monitoring Report Appendix E
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 28, 2023			
Document No:			202690			
Type:			Monitoring Report			
Title:			2022 Long Term Monitoring Report Appendix F			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 11, 2003			
Document No:			6358			
Type:			Monitoring Report			
Title:			2nd Quarter 2003 Groundwater Monitoring Report, Former GASCO Site at 432 Pacific St, Iwilei District, Honolulu HI			
Imported From:			\facilitysite documents\media36440\36440.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 11, 2003			
Document No:			6357			
Type:			Monitoring Report			
Title:			2nd Quarter 2003 Groundwater Monitoring Report, Former GASCO Site at 432 Pacific St, Iwilei District, Honolulu HI			
Imported From:			36440#\Heersharepoint1\facilitysite%20documents\36440.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 2002			
Document No:			6482			
Type:			Undetermined			
Title:			Attachment A Copies of Laboratory and Field Data Sheets from Mar and Apr 2002 Sampling Events			
Imported From:			36418#\Heersharepoint1\facilitysite%20documents\36418.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 8, 2002			
Document No:			6499			
Type:			Undetermined			
Title:			Baseline Investigation Report			
Imported From:			\facilitysite documents\media36416\Baseline Investigation Report 8Feb2002.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 8, 2002			
Document No:			6493			
Type:			Undetermined			
Title:			Baseline Investigation Report Appendix B			
Imported From:			36415#\Heersharepoint1\facilitysite%20documents\36415.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 25, 2001			
Document No:			6518			
Type:			Undetermined			
Title:			Baseline Sampling/Pilot Study Work Plan, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI			
Imported From:			36404#\Heersharepoint1\facilitysite%20documents\36404.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 18, 2009			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			19751			
Type:			Comment Letter			
Title:			Belated approval of Tasks 6 and 7 of the VRP			
Imported From:			2009-410#Q:\2009 Final Correspondence (Day File)\09-410-LMB.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 18, 2009			
Document No:			19750			
Type:			Review Letter			
Title:			Belated approval of Tasks 6 and 7 of the VRP			
Imported From:			60108#\Heersharepoint1\facilitiesite%20documents\60108.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 2007			
Document No:			6368			
Type:			Undetermined			
Title:			BHP Chronology			
Imported From:			126419#\Heersharepoint1\facilitiesite%20documents\126419.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2010			
Document No:			19837			
Type:			Undetermined			
Title:			BHP GASCO Benzene Site			
Imported From:			62166#\Heersharepoint1\facilitiesite%20documents\62166.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 8, 2010			
Document No:			19824			
Type:			Undetermined			
Title:			BHP GASCO Benzene Site			
Imported From:			62109#\Heersharepoint1\facilitiesite%20documents\62109.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 19, 2009			
Document No:			19760			
Type:			Undetermined			
Title:			BHP GASCO Benzene Site, Letter from John Francis Perkin			
Imported From:			60711#\Heersharepoint1\facilitiesite%20documents\60711.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 27, 2000			
Document No:			25414			
Type:			Undetermined			
Title:			BHP/GASCO Site in Iwilei			
Imported From:			258#\Heersharepoint1\facilitiesite%20documents\258.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 6, 2005			
Document No:			25434			
Type:			Undetermined			
Title:			Boring Logs and Well Completion Diagrams for Newly Installed Monitoring Wells, Former GASCO Site, 432 Pacific St, Honolulu HI			
Imported From:			2410#\Heersharepoint1\facilitiesite%20documents\2410.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 4, 2007
Document No: 19391
Type: Undetermined
Title: Request for meeting and additional information, Dole Cannery Building, 650 Iwilei Rd, Honolulu HI
Imported From: 6346#\Heersharepoint1\facilitsite%20documents\6346.pdf

iHEER System - Documents

Date : Feb 3, 2011
Document No: 25522
Type: Undetermined
Title: Request for Property Eligibility Statement, Brownfield Tax Incentive, 616 Iwilei Rd, Honolulu HI, TMK 1-1-5-012-006
Imported From: 94358#\Heersharepoint1\facilitsite%20documents\94358.pdf

iHEER System - Documents

Date : Nov 23, 2007
Document No: 19808
Type: Undetermined
Title: Request for Schedule Revision for the Remedial Investigation Report, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 6985#\Heersharepoint1\facilitsite%20documents\6985.pdf

iHEER System - Documents

Date : Aug 2, 2007
Document No: 6024
Type: Undetermined
Title: Request for Settlement Agreement
Imported From: 2007-578#Q:\2007 Final Correspondence (Day File)\07-578-MS.pdf

iHEER System - Documents

Date : Mar 7, 2012
Document No: 6989
Type: Undetermined
Title: Request for Signature on GASCO Final RAM
Imported From: 2012-170#Q:\2012 Final Correspondence (Day File)\12-170-SPM.pdf

iHEER System - Documents

Date : Sep 9, 1987
Document No: 25404
Type: Undetermined
Title: Request to Dispose Non-Hazardous Material at Landfill
Imported From: 1135#\Heersharepoint1\facilitsite%20documents\1135.pdf

iHEER System - Documents

Date : Nov 3, 2003
Document No: 6388
Type: Undetermined
Title: Request to place HDOH review of Remedial Alternative Analysis Report on "Hold", Former GASCO Site, Honolulu Hawaii
Imported From: 126351#\Heersharepoint1\facilitsite%20documents\126351.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2008			
Document No:			6346			
Type:			Undetermined			
Title:			Requested Information Pertaining to the Former GASCO/BHP Property and the Former ConocoPhillips Terminal, Iwilei, Oahu			
Imported From:			121210#\Heersharepoint1\facilitiesite%20documents\121210.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 8, 2003			
Document No:			6474			
Type:			Response Action Work Plan			
Title:			Response Action Design, Construction, and Implementation Work Plan, Former GASCO Benzene Site, Iwilei District, 432 Pacific St, Honolulu HI			
Imported From:			36443#\Heersharepoint1\facilitiesite%20documents\36443.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 12, 2007			
Document No:			6453			
Type:			Review Letter			
Title:			Response approving 4th round of indoor air sampling			
Imported From:			2007-225#Q:\2007 Final Correspondence (Day File)\07-225-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 30, 2018			
Document No:			25459			
Type:			Environmental Hazard Evaluation Report			
Title:			EHE Report Revision 1 Former GASCO Facility - 616 Iwilei Road Honolulu, Oahu, Hawaii_transmittal			
Imported From:			\facilitiesite documents\media131420\EHE Transmittal.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 2018			
Document No:			25439			
Type:			Environmental Hazard Management Plan			
Title:			Engineering Controls Implementation Plan			
Imported From:			132054#\Heersharepoint1\facilitiesite%20documents\132054.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2018			
Document No:			25568			
Type:			Environmental Hazard Management Plan			
Title:			Engineering Controls Implementation Plan (ECIP) to support the EHMP which describes actions for long-term management of residual hazards at the former Honolulu Gas Company (GASCO) site at 616 Iwilei Road in Honolulu			
Imported From:			132038.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 4, 2008			
Document No:			5980			
Type:			Undetermined			
Title:			EnviroFinance Group provides US\$11M in Remediation and development financing for Honolulu property			
Imported From:			121292#\Heersharepoint1\facilitiesite%20documents\121292.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 25, 1991
Document No: 25405
Type: Undetermined
Title: Environmental Assessment of GASCO Inc's Iwilei Site 1/25/1991
Imported From: 477#\Heersharepoint1\facilitiesite%20documents\477.pdf

iHEER System - Documents

Date : Mar 12, 1991
Document No: 19836
Type: Request for Information
Title: Environmental Assessment of GASCO Inc's Iwilei Site 3/12/1991
Imported From: 478#\Heersharepoint1\facilitiesite%20documents\478.pdf

iHEER System - Documents

Date : Mar 3, 2018
Document No: 197613
Type: Environmental Hazard Evaluation Report
Title: ENVIRONMENTAL HAZARD EVALUATION REVISION 1 Former GASCO Facility
Imported From:

iHEER System - Documents

Date : Apr 19, 2018
Document No: 197608
Type: Environmental Hazard Management Plan
Title: Environmental Hazard Management Plan for the Former GASCO Facility
Imported From:

iHEER System - Documents

Date : May 24, 2006
Document No: 25561
Type: Undetermined
Title: Environmental Risk Assessment, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 4553#\Heersharepoint1\facilitiesite%20documents\4553.pdf

iHEER System - Documents

Date : May 10, 2006
Document No: 25450
Type: Environmental Assessment
Title: Environmental Risk Assessment, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media36491\BHPEnvRiskAssessment May2006-Complete.pdf

iHEER System - Documents

Date : Jan 6, 2004
Document No: 6966
Type: Monitoring Report
Title: Errata Page, Third Quarter 2003 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu Hawaii
Imported From: 127604#\Heersharepoint1\facilitiesite%20documents\127604.pdf

iHEER System - Documents

Date : Apr 15, 2009
Document No: 5083
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Exit Strategy Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Apr 2009	
Imported From:					59541#\Heersharepoint1\facilitiesite%20documents\59541.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 2, 2009	
Document No:					17187	
Type:					Undetermined	
Title:					Exit Strategy, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Revised 2 Jun 2009	
Imported From:					60018#\Heersharepoint1\facilitiesite%20documents\60018.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 14, 2007	
Document No:					25570	
Type:					Undetermined	
Title:					Feb 14, 2007 Correspondence, BHP GASCO Benzene Site (432 Pacific St, Honolulu HI)	
Imported From:					6034#\Heersharepoint1\facilitiesite%20documents\6034.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 30, 2000	
Document No:					6500	
Type:					Undetermined	
Title:					Field Investigation Report Apr - Jul 2000 Mauka of Nimitz Hwy Iwilei District, Honolulu HI Volume 1 of 3	
Imported From:					36411#\Heersharepoint1\facilitiesite%20documents\36411.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 30, 2000	
Document No:					6492	
Type:					Undetermined	
Title:					Field Investigation Report Apr - Jul 2000 Mauka of Nimitz Hwy Iwilei District, Honolulu HI Volume 3 of 3	
Imported From:					36413#\Heersharepoint1\facilitiesite%20documents\36413.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 13, 2011	
Document No:					171981	
Type:					Undetermined	
Title:					Field Optimization Phase Evaluation Report, Former GASCO Site, 616 Iwilei Rd, Honolulu HI	
Imported From:					\facilitiesite documents\media94311\ISCO Effectiveness ltr to DOH Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 11, 2011	
Document No:					25395	
Type:					Undetermined	
Title:					Field Optimization Phase Summary Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					96747#\Heersharepoint1\facilitiesite%20documents\96747.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 24, 2010	
Document No:					7048	
Type:					Remedial Action Completion Work Plan	
Title:					Field Optimization Phase Work Plan Addendum, Former GASCO Manufactured Gas Plant Facility, Weston Solutions, 616 Iwilei Rd, Honolulu HI	
Imported From:					93463#\Heersharepoint1\facilitiesite%20documents\93463.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 24, 2009
Document No: 19843
Type: Review Letter
Title: Review of 2nd Quarter 2009 GW Monitoring Report
Imported From: 2009-539#Q:\2009 Final Correspondence (Day File)\09-539-SPM.pdf

iHEER System - Documents

Date : Aug 8, 2021
Document No: 184618
Type: Monitoring Report
Title: Lab Data for Long-Term Monitoring Report 2021 DRAFT Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road)
Imported From:

iHEER System - Documents

Date : Oct 6, 2004
Document No: 6977
Type: Undetermined
Title: Laboratory Reports
Imported From: 127618#\Heersharepoint1\facilitiesite%20documents\127618.pdf

iHEER System - Documents

Date : Feb 14, 2007
Document No: 6469
Type: Undetermined
Title: Letter from Keith on remedial Alternatives
Imported From: 2007-101#Q:\2007 Final Correspondence (Day File)\07-101-MS.pdf

iHEER System - Documents

Date : Aug 5, 2010
Document No: 19856
Type: Letter of Interest
Title: Letter of Interest
Imported From: 2010-462#Q:\2010 Final Correspondence (Day File)\10-462-SPM.pdf

iHEER System - Documents

Date : Sep 1, 2010
Document No: 25398
Type: Undetermined
Title: Letter of Interest, Aug 9, 2010 regarding the BHP GASCO Benzene Site, 432 Pacific St, Honolulu HI
Imported From: 96281#\Heersharepoint1\facilitiesite%20documents\96281.pdf

iHEER System - Documents

Date : Sep 11, 2008
Document No: 6027
Type: Undetermined
Title: Letter re: Tax Assessment-616 Iwilei Road
Imported From: 121230#\Heersharepoint1\facilitiesite%20documents\121230.pdf

iHEER System - Documents

Date : Mar 15, 2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		6443				
Type:		Undetermined				
Title:		Letter to George Bates to get him to sign consent Agreement				
Imported From:		2004-098#Q:\2004 Final Correspondence (Day File)\04-098-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 14, 1986				
Document No:		6398				
Type:		Undetermined				
Title:		Letters between the City and County of Honolulu and PRI Gasco Inc				
Imported From:		126339#\Heersharepoint1\facilitiesite%20documents\126339.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 18, 2020				
Document No:		176691				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Program Years 2020 to 2039 Interim Final				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 18, 2020				
Document No:		176690				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Program Years 2020 to 2039 Interim Final_submittal				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Feb 28, 2021				
Document No:		178938				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Report 1 st Half 2020 DRAFT Revision 1_and _RTCs				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Feb 28, 2021				
Document No:		178937				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Report 1 st Half 2020 DRAFT Revision 1_and RTCs_submittal				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 2, 2020				
Document No:		177513				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Report 1st Half 2020 DRAFT- Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road) Honolulu, Hawaii				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 13, 2020				
Document No:		177591				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Report 1st Half 2020 DRAFT-Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road) _Appendices_submittal				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Nov 2, 2020
Document No: 177512
Type: Monitoring Report
Title: Long-Term Monitoring Report 1st Half 2020 DRAFT-Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road) Honolulu, Hawaii_submittal

Imported From:

iHEER System - Documents

Date : Nov 13, 2020
Document No: 177603
Type: Monitoring Report
Title: Long-Term Monitoring Report 1st Half 2020 DRAFT-Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road)_Appendices

Imported From:

iHEER System - Documents

Date : May 21, 2022
Document No: 184619
Type: Monitoring Report
Title: Long-Term Monitoring Report 2021 DRAFT Former GASCO Facility (616 Iwilei Road) and partial Dole Cannery Building (650 Iwilei Road)

Imported From:

iHEER System - Documents

Date : Apr 17, 2021
Document No: 179586
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 DRAFT

Imported From:

iHEER System - Documents

Date : Oct 25, 2021
Document No: 181334
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 Draft – Revision 1_oct_2021

Imported From:

iHEER System - Documents

Date : Oct 25, 2021
Document No: 181332
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 Draft – Revision 1_oct_2021_submittal

Imported From:

iHEER System - Documents

Date : Oct 25, 2021
Document No: 181333
Type: Response to Comments
Title: Long-Term Monitoring Report 2nd Half 2020 Draft – Revision 1_oct_2021_submittal

Imported From:

iHEER System - Documents

Date : Mar 14, 2022
Document No: 183660
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 DRAFT – Revision 2
Imported From:

iHEER System - Documents

Date : Mar 14, 2022
Document No: 183659
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 DRAFT – Revision 2_submittal
Imported From:

iHEER System - Documents

Date : Apr 17, 2021
Document No: 179587
Type: Monitoring Report
Title: Long-Term Monitoring Report 2nd Half 2020 DRAFT_Appendices
Imported From:

iHEER System - Documents

Date : Jun 18, 2009
Document No: 19737
Type: Review Letter
Title: Response Draft Work Plan Soil, Groundwater and Soil Vapor Sampling Plan in the Dole Cannery Building Jun 2009
Imported From: 2009-409#Q:\2009 Final Correspondence (Day File)\09-409-SPM.pdf

iHEER System - Documents

Date : Jan 8, 2008
Document No: 19860
Type: Undetermined
Title: Response letter to Weston taking over the GASCO site
Imported From: 2008-013#Q:\2008 Final Correspondence (Day File)\08-013-MS.pdf

iHEER System - Documents

Date : Jul 22, 2008
Document No: 6353
Type: Undetermined
Title: Response to 16 Jul 2008 Letter regarding the Access Agreement and Proposed Excavation Work Methodology on the Former ConocoPhillips Terminal, Iwilei, Oahu
Imported From: 121182#\Heersharepoint1\facilitiesite%20documents\121182.pdf

iHEER System - Documents

Date : Aug 30, 2004
Document No: 7051
Type: Review Letter
Title: Response to 1st Quarter 2004 Groundwater Monitoring Report
Imported From: 2004-361#Q:\2004 Final Correspondence (Day File)\04-361-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 15, 2004
Document No: 25494
Type: Review Letter
Title: Response to 1st Quarter 2004 Monitoring Report
Imported From: 2004-236#Q:\2004 Final Correspondence (Day File)\04-236-MS.pdf

iHEER System - Documents

Date : Dec 6, 2006
Document No: 6466
Type: Comment Letter
Title: Response to 3rd Quarter 06 Monitoring Report
Imported From: 2006-768#Q:\2006 Final Correspondence (Day File)\06-768-MS.pdf

iHEER System - Documents

Date : Nov 20, 2003
Document No: 6360
Type: Undetermined
Title: Response to Arcadis G&M's Letter Dated Nov 17, 2003 "Responses Regarding Soil Vapor Detections in Dole Cannery Alleyway, Former Gasco Site, Honolulu Hawaii"
Imported From: 126359#\Heersharepoint1\facilitsite%20documents\126359.pdf

iHEER System - Documents

Date : Jun 29, 2009
Document No: 5985
Type: Comment Letter
Title: Response to Comments dated Jun 18, 2009, Exit Strategy, 616 Iwilei Rd, Honolulu, Oahu
Imported From: 121228#\Heersharepoint1\facilitsite%20documents\121228.pdf

iHEER System - Documents

Date : Oct 4, 2007
Document No: 8966
Type: Comment Letter
Title: Response to Comments on Environmental Risk Assessment, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 6817#\Heersharepoint1\facilitsite%20documents\6817.pdf

iHEER System - Documents

Date : Feb 23, 2018
Document No: 19847
Type: Environmental Hazard Management Plan
Title: Response to Comments, Draft EHMP, Former GASCO Facility, 616 Iwilei Road Property, Honolulu HI
Imported From: \facilitsite documents\media131074\Draft EHMP -RTC - Final 02232018-Complete.pdf

iHEER System - Documents

Date : Jan 8, 2010
Document No: 5996
Type: Comment Letter
Title: Response to Comments, Draft Remedial Alternatives Analysis dated 6 Nov 2009, 616 Iwilei Rd, Honolulu, Oahu HI
Imported From: 121222#\Heersharepoint1\facilitsite%20documents\121222.pdf

iHEER System - Documents

Date : Mar 25, 2010
Document No: 5994
Type: Comment Letter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Response to Comments, Field Optimization Phase Work Plan dated 23, Mar 2010				
Imported From:		121219#\Heersharepoint1\facilitiesite%20documents\121219.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 18, 2011				
Document No:		5053				
Type:		Comment Letter				
Title:		Response to Comments, Remedial Alternatives Analysis, 24 Jan 2011, Former GASCO Facility, 616 Iwilei Rd, Honolulu, Oahu				
Imported From:		94464#\Heersharepoint1\facilitiesite%20documents\94464.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 22, 2009				
Document No:		5978				
Type:		Comment Letter				
Title:		Response to Comments, Second Quarter 2009 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu, Oahu HI				
Imported From:		121227#\Heersharepoint1\facilitiesite%20documents\121227.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 6, 2018				
Document No:		25463				
Type:		Comment Letter				
Title:		Response to Comments, Semi-Annual Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Road Property, Honolulu HI, September 2018.				
Imported From:		135274.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 14, 2019				
Document No:		172271				
Type:		Comment Letter				
Title:		Response to Comments, Soil Gas and Indoor Air Monitoring Results at the Dole Cannery Building Revision 1, May 2019.				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Feb 8, 2010				
Document No:		6344				
Type:		Comment Letter				
Title:		Response to Comments, Third Quarter 2009 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu, Oahu HI				
Imported From:		121221#\Heersharepoint1\facilitiesite%20documents\121221.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 1, 2003				
Document No:		6429				
Type:		Review Letter				
Title:		Review of 2nd Quarter Groundwater Monitoring Report				
Imported From:		2003-305#Q:\2003 Final Correspondence (Day File)\03-305-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 15, 2008				
Document No:		5976				
Type:		Comment Letter				
Title:		Review of 2nd quarter Monitoring Report				
Imported From:		2008-622#Q:\2008 Final Correspondence (Day File)\08-622-MS.pdf				

iHEER System - Documents

Date : Nov 22, 2004
Document No: 25397
Type: Comment Letter
Title: Review of 3rd Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, 432 Pacific St, Nov 16, 2004
Imported From: 2004-393#Q:\2004 Final Correspondence (Day File)\04-393-MS.pdf

iHEER System - Documents

Date : Nov 28, 2005
Document No: 6462
Type: Comment Letter
Title: Review of 3rd Quarter 2005 Monitoring Report
Imported From: 2005-608#Q:\2005 Final Correspondence (Day File)\05-608-MS.pdf

iHEER System - Documents

Date : Nov 28, 2005
Document No: 6461
Type: Comment Letter
Title: Review of 3rd Quarter 2005 Monitoring Report
Imported From: 52014#\Heersharepoint1\facilitiesite%20documents\52014.pdf

iHEER System - Documents

Date : Feb 15, 2004
Document No: 6434
Type: Comment Letter
Title: Review of 4th quarter 2003 groundwater Monitoring Report
Imported From: 2004-113#Q:\2004 Final Correspondence (Day File)\04-113-MS.pdf

iHEER System - Documents

Date : Mar 15, 2006
Document No: 6454
Type: Comment Letter
Title: Review of 4th Quarter Groundwater Monitoring Report
Imported From: 2006-152#Q:\2006 Final Correspondence (Day File)\06-152-MS.pdf

iHEER System - Documents

Date : May 14, 2009
Document No: 6003
Type: Comment Letter
Title: Review of 4th quarter GW Monitoring Report
Imported From: 2009-317#Q:\2009 Final Correspondence (Day File)\09-317-MS.pdf

iHEER System - Documents

Date : Jul 24, 2003
Document No: 6445
Type: Review Letter
Title: Review of Addendum to the Revised Plan for Remediation, Air monitoring Summary Report and 1st Quarter 2003 Groundwater Monitoring Report
Imported From: 2003-210#Q:\2003 Final Correspondence (Day File)\03-210-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Mar 5, 2014				
Document No:		19771				
Type:		Review Letter				
Title:		Review of Addendum, Injection of Activated Persulfate in Pacific St, 12 Feb 2014, by Weston Solutions, Inc				
Imported From:		2014-117#Q:\2014 Final Correspondence (Day File)\14-117-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 1, 2011				
Document No:		7047				
Type:		Review Letter				
Title:		Review of Chemical Migration Barrier during Lowe's Dewatering Work Plan, Mar 31, 2011 titled by Weston Solutions Inc				
Imported From:		2011-194#Q:\2011 Final Correspondence (Day File)\11-194-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 29, 2004				
Document No:		6526				
Type:		Comment Letter				
Title:		Review of Data Gaps Analysis Report				
Imported From:		2004-194#Q:\2004 Final Correspondence (Day File)\04-194-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 15, 2008				
Document No:		5992				
Type:		Comment Letter				
Title:		Review of Draft 2nd Quarter 2008 gw Monitoring Report				
Imported From:		2008-856#Q:\2008 Final Correspondence (Day File)\08-856-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 29, 2005				
Document No:		6964				
Type:		Review Letter				
Title:		Review of Draft Baseline Risk Assessment outline for Former GASCO Site, 432 Pacific St, Honolulu Hawaii				
Imported From:		127610#\Heersharepoint1\facilitiesite%20documents\127610.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 9, 2018				
Document No:		25567				
Type:		Review Letter				
Title:		Review of Draft EHE REVISION 1, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii				
Imported From:		2018-105#Q:\2018 Final Correspondence (Day File)\18-105 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 12, 2018				
Document No:		19747				
Type:		Review Letter				
Title:		Review of Draft EHMP, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii				
Imported From:		2018-032#Q:\2018 Final Correspondence (Day File)\18-032 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 12, 2018				
Document No:		25566				
Type:		Review Letter				
Title:		Review of Draft Engineering Controls Implementation Plan, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2018-165#Q:\2018 Final Correspondence (Day File)\18-165 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 23, 2020				
Document No:		178237				
Type:		Comment Letter				
Title:		Review of Draft Long-Term Monitoring Report, 1st Half 2020, Dated November 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 2, 2021				
Document No:		179955				
Type:		Comment Letter				
Title:		Review of Draft Long-Term Monitoring Report, 2nd Half 2020, Dated April 2021.				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 14, 2011				
Document No:		7029				
Type:		Review Letter				
Title:		Review of Field Optimization Phase Evaluation Report Revision 1 Former GASCO Site, 10 Mar, 2011 and by Weston Solutions Inc				
Imported From:		2011-146#Q:\2011 Final Correspondence (Day File)\11-146-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 28, 2011				
Document No:		7035				
Type:		Review Letter				
Title:		Review of Field Optimization Phase Summary Report, Former GASCO Facility, 11 Nov 2011 by Weston Solutions Inc				
Imported From:		2011-695#Q:\2011 Final Correspondence (Day File)\11-695-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 17, 2021				
Document No:		179585				
Type:		Monitoring Report				
Title:		Long-Term Monitoring Report 2nd Half 2020 DRAFT_submittal				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 11, 2008				
Document No:		6338				
Type:		Undetermined				
Title:		Mann-Kendall AGM-MW-010				
Imported From:		121287#\Heersharepoint1\facilitiesite%20documents\121287.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 8, 1997				
Document No:		7031				
Type:		Undetermined				
Title:		Media Sampling Data from BHP Iwilei Site				
Imported From:		782#\Heersharepoint1\facilitiesite%20documents\782.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 3, 2005
Document No: 6962
Type: Undetermined
Title: Meeting with Arcadis
Imported From: 127608#\Heersharepoint1\facilitiesite%20documents\127608.pdf

iHEER System - Documents

Date : Feb 23, 2004
Document No: 6440
Type: Undetermined
Title: Memo for approval of GASCO consent Agreement
Imported From: 2004-062#Q:\2004 Final Correspondence (Day File)\04-062-MS.pdf

iHEER System - Documents

Date : May 17, 2007
Document No: 19864
Type: Undetermined
Title: Memo on Remediation of GASCO site
Imported From: 2007-318#Q:\2007 Final Correspondence (Day File)\07-318-MS.pdf

iHEER System - Documents

Date : Apr 14, 2008
Document No: 19865
Type: Undetermined
Title: Memo on transfer of ARA at Gasco
Imported From: 2008-277#Q:\2008 Final Correspondence (Day File)\08-277-MS (2).pdf

iHEER System - Documents

Date : Jan 4, 2006
Document No: 6456
Type: Undetermined
Title: Memo to file on meeting to discuss Soil contaminated with benzene in the alleyway between GASCO and the Former Dole Cannery Building
Imported From: 2006-004#Q:\2006 Final Correspondence (Day File)\06-004-MS.pdf

iHEER System - Documents

Date : Jul 15, 2004
Document No: 25496
Type: Remedial Investigation Work Plan
Title: Revised Remedial Investigation Work Plan, Former GASCO Site Iwilei District 432 Pacific St, Honolulu HI
Imported From: 36474#\Heersharepoint1\facilitiesite%20documents\36474.pdf

iHEER System - Documents

Date : Jul 14, 2004
Document No: 25422
Type: Remedial Investigation Work Plan
Title: Revised Remedial Investigation Work Plan, Former GASCO Site, Honolulu HI
Imported From: 1608#\Heersharepoint1\facilitiesite%20documents\1608.pdf

iHEER System - Documents

Date : Aug 5, 2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			25436			
Type:			Remedial Investigation Work Plan			
Title:			Revised Remedial Investigation Work Plan, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI			
Imported From:			1695#\Heersharepoint1\facilitiesite%20documents\1695.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 2004			
Document No:			6508			
Type:			Remedial Action Completion Work Plan			
Title:			Revised Response Action Design, Construction, and Implementation Work Plan, Former GASCO Site, 423 Pacific St - Iwilei District			
Imported From:			36449#\Heersharepoint1\facilitiesite%20documents\36449.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 2004			
Document No:			25431			
Type:			Remedial Action Completion Work Plan			
Title:			Revised Response Action Design, Construction, and Implementation Work Plan, Former GASCO Site, 432 Pacific St - Iwilei District			
Imported From:			1201#\Heersharepoint1\facilitiesite%20documents\1201.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 6, 2004			
Document No:			6502			
Type:			Remedial Action Completion Work Plan			
Title:			Revised Response Action Design, Construction, and Implementation Work Plan, Former GASCO Site, Mauka of Nimitz Hwy, 423 Pacific St - Iwilei District, Honolulu HI			
Imported From:			36450#\Heersharepoint1\facilitiesite%20documents\36450.pdf			
<u>iHEER System - Documents</u>						
Date :			May 10, 2007			
Document No:			6951			
Type:			Undetermined			
Title:			Revised Soil Investigation Work Plan, Former GASCO Facility, Honolulu Hawaii			
Imported From:			126384#\Heersharepoint1\facilitiesite%20documents\126384.pdf			
<u>iHEER System - Documents</u>						
Date :			May 18, 2007			
Document No:			6394			
Type:			Undetermined			
Title:			Revised Soil Investigation Work Plan, Former GASCO Facility, Honolulu HI			
Imported From:			126385#\Heersharepoint1\facilitiesite%20documents\126385.pdf			
<u>iHEER System - Documents</u>						
Date :			May 20, 2004			
Document No:			25456			
Type:			Response Action Report			
Title:			Revised Table 3, Revised Interim Response Action Construction Report, Former GASCO Site, Honolulu HI			
Imported From:			36462#\Heersharepoint1\facilitiesite%20documents\36462.pdf			
<u>iHEER System - Documents</u>						
Date :			May 20, 2004			
Document No:			19523			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Revised Table 3, Revised Interim Response Action Construction Report, Former GASCO Site, Honolulu HI				
Imported From:		1203#\Heersharepoint1\facilitiesite%20documents\1203.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 2, 2004				
Document No:		19844				
Type:		Undetermined				
Title:		Revisions to the Oct 30, 2003, Initial Noncovered Source Permit Application, Former GASCO Site, 432 Pacific St, Honolulu HI				
Imported From:		61058#\Heersharepoint1\facilitiesite%20documents\61058.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 23, 2020				
Document No:		173660				
Type:		Monitoring Report				
Title:		RTCs from Weston Rel Draft Long-Term Monitoring Program Comments Years 2020 to 2039; Gasco & Dole Cannery				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 30, 1995				
Document No:		6472				
Type:		Undetermined				
Title:		Safety and Health Investigation at the BHP Petroleum Americas Refining Inc				
Imported From:		36414#\Heersharepoint1\facilitiesite%20documents\36414.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 25, 2011				
Document No:		25523				
Type:		Undetermined				
Title:		Waste Management Plan, 24 Jan for the Former GASCO Site located at 616 Iwilei Road				
Imported From:		94215#\Heersharepoint1\facilitiesite%20documents\94215.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 7, 2010				
Document No:		19820				
Type:		Undetermined				
Title:		Weston 3rd Quarter 2009 Groundwater Monitoring Results, GASCO (Weston) Site, 613 Iwilei Rd, Honolulu HI				
Imported From:		62113#\Heersharepoint1\facilitiesite%20documents\62113.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 26, 2010				
Document No:		17426				
Type:		Undetermined				
Title:		Weston Draft Supplemental Remedial Investigation Report, Former GASCO Facility GASCO Facility/Dole Cannery Building, 616/650 Iwilei Rd, Honolulu HI, Feb 16, 2010				
Imported From:		62676#\Heersharepoint1\facilitiesite%20documents\62676.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 24, 2007				
Document No:		25507				
Type:		Undetermined				
Title:		Withdrawal of Remedial Investigation Report, Former GASCO Site, 432 Pacific St, Honolulu HI				
Imported From:		6795#\Heersharepoint1\facilitiesite%20documents\6795.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 15, 2010
Document No: 3988
Type: Remedial Action Completion Work Plan
Title: Work Plan for In Situ Chemical Oxidation (ISCO) in Soil Vapor Extraction Area Using Hydrogen Peroxide (Phase 1), 616 Iwilei Rd, Honolulu HI
Imported From: 91676#\Heersharepoint1\facilitiesite%20documents\91676.pdf

iHEER System - Documents

Date : Jul 15, 2010
Document No: 19853
Type: Remedial Action Completion Work Plan
Title: Work Plan for In Situ Chemical Oxidation (ISCO) in Soil Vapor Extraction Area Using Hydrogen Peroxide (Phase 1), Former GASCO Manufactured Gas Plant, Weston Solutions, 616 Iwilei Rd, Honolulu HI, 15 Jul 2010
Imported From: 91677#\Heersharepoint1\facilitiesite%20documents\91677.pdf

iHEER System - Documents

Date : Nov 9, 2012
Document No: 19768
Type: Remedial Action Completion Work Plan
Title: Work Plan for Injection of Activated Persulfate in Pacific St, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 101474#\Heersharepoint1\facilitiesite%20documents\101474.pdf

iHEER System - Documents

Date : Mar 1, 2008
Document No: 19839
Type: Undetermined
Title: Work Plan for Laboratory-Scale in Situ Chemical Oxidation Treatability Test, 616 Iwilei Rd, Honolulu HI
Imported From: 61016#\Heersharepoint1\facilitiesite%20documents\61016.pdf

iHEER System - Documents

Date : Nov 12, 2009
Document No: 6026
Type: Undetermined
Title: Work Plan for Slug Tests, 616 Iwilei Rd, Honolulu, Oahu HI
Imported From: 121224#\Heersharepoint1\facilitiesite%20documents\121224.pdf

iHEER System - Documents

Date : Dec 2, 2009
Document No: 19869
Type: Undetermined
Title: Work Plan for Slug Tests, 616 Iwilei Rd, Honolulu, Oahu HI
Imported From: 121223#\Heersharepoint1\facilitiesite%20documents\121223.pdf

iHEER System - Documents

Date : Jan 24, 2009
Document No: 14683
Type: Undetermined
Title: Work Plan for Tidal Study, 616 Iwilei Rd, Honolulu HI
Imported From: 60695#\Heersharepoint1\facilitiesite%20documents\60695.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Feb 13, 2012
Document No: 25394
Type: Review Letter
Title: Review of Field Optimization Phase Summary Report, Former Revised GASCO Facility, 8 Feb 2012 by Weston Solutions Inc
Imported From: 2012-109#Q:\2012 Final Correspondence (Day File)\12-109-MS.pdf

iHEER System - Documents

Date : Dec 1, 2010
Document No: 25521
Type: Review Letter
Title: Review of Field Optimization Phase Work Plan Addendum 24 Nov, 2010 by Weston Solutions Inc
Imported From: 2010-723#Q:\2010 Final Correspondence (Day File)\10-723-MS.pdf

iHEER System - Documents

Date : Dec 15, 2008
Document No: 5993
Type: Comment Letter
Title: Review of Final 1st Quarter 2008 gw Monitoring Report
Imported From: 2008-855#Q:\2008 Final Correspondence (Day File)\08-855-MS.pdf

iHEER System - Documents

Date : Nov 18, 2004
Document No: 25491
Type: Review Letter
Title: Review of Final QAPP Report
Imported From: 2004-490#Q:\2004 Final Correspondence (Day File)\04-490-MS.pdf

iHEER System - Documents

Date : Oct 30, 2007
Document No: 19862
Type: Review Letter
Title: Review of Fourth Round Indoor Air Sampling
Imported From: 2007-760#Q:\2007 Final Correspondence (Day File)\07-760-MS.pdf

iHEER System - Documents

Date : Oct 12, 2011
Document No: 25392
Type: Review Letter
Title: Review of Groundwater Monitoring Report, Jan to Jun 2011, 27 Sep 2011, by Weston Solutions Inc
Imported From: 2011-591#Q:\2011 Final Correspondence (Day File)\11-591-MS.pdf

iHEER System - Documents

Date : Feb 10, 2011
Document No: 7036
Type: Review Letter
Title: Review of in Situ Chemical Oxidation Effectiveness letter and Field Optimization Phase Evaluation Report, Former GASCO Site, Jan 20, 2011 and Jan 13, 2011, by Weston Solutions Inc
Imported From: 2011-082#Q:\2011 Final Correspondence (Day File)\11-082-SPM.pdf

iHEER System - Documents

Date : Jul 8, 2005
Document No: 6478

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		SAP for an Indoor Air Quality Study Dole Cannery Building Iwilei District, Honolulu HI				
Imported From:		36485#\Heersharepoint1\facilitiesite%20documents\36485.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 22, 2010				
Document No:		4817				
Type:		Undetermined				
Title:		SAP for Groundwater Sampling, Revision 2, 616 Iwilei Rd, Honolulu HI				
Imported From:		62539#\Heersharepoint1\facilitiesite%20documents\62539.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 22, 2010				
Document No:		19815				
Type:		Monitoring Report				
Title:		SAP for Groundwater Sampling, Revision 2, 616 Iwilei Rd, Honolulu HI				
Imported From:		\facilitiesite documents\media62540\SAP Rev 2 0218_2010.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 26, 2009				
Document No:		19522				
Type:		Monitoring Report				
Title:		SAP Revision 1, Quarterly Groundwater Monitoring, 616 Iwilei Rd, Honolulu HI, Project No 14225.001.001.0800.00, Feb 2009				
Imported From:		59070#\Heersharepoint1\facilitiesite%20documents\59070.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 20, 2008				
Document No:		19738				
Type:		Undetermined				
Title:		Schedule for Remedial Activities				
Imported From:		7339#\Heersharepoint1\facilitiesite%20documents\7339.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 11, 2008				
Document No:		19764				
Type:		Undetermined				
Title:		Schedule for Remedial Activities, Feb 20, 2008				
Imported From:		7502#\Heersharepoint1\facilitiesite%20documents\7502.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 20, 2020				
Document No:		175146				
Type:		Undetermined				
Title:		Schedule Update March 2020				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 16, 2000				
Document No:		6957				
Type:		Undetermined				
Title:		Screening-Level Risk Assessment for the Former GASCO Site, Honolulu HI				
Imported From:		36422#\Heersharepoint1\facilitiesite%20documents\36422.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Sep 27, 2018	
Document No:					25467	
Type:					Monitoring Report	
Title:					Semi Annual Groundwater Monitoring Report First Half 2018, Former Gasco Facility 616 Iwilei Road, Honolulu Hawaii	
Imported From:					\\facilitysite documents\media133658\Semi Annual Groundwater Monitoring Report First Half 2018-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 27, 2019	
Document No:					172571	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report First Half 2019 Former GASCO Facility 616 Iwilei Road Honolulu, Hawaii December	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 12, 2016	
Document No:					6030	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2015 Former GASCO Facility 616 Iwilei Rd, Honolulu Hawaii	
Imported From:					\\facilitysite documents\media119537\Gasco 2015 H2 GW Rpt_Appendices\App B Historical Data\Hist RPD 2H15.xlsx	
<u>iHEER System - Documents</u>						
Date :					May 12, 2016	
Document No:					6029	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2015 Former GASCO Facility 616 Iwilei Rd, Honolulu Hawaii	
Imported From:					\\facilitysite documents\media119537\Gasco 2015 H2 GW Rpt_No App B.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 2, 2017	
Document No:					19893	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2016 Former GASCO Facility 616 Iwilei Road Honolulu Hawaii	
Imported From:					\\facilitysite documents\media125004\125004.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 2, 2017	
Document No:					171962	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2016 Former GASCO Facility 616 Iwilei Road Honolulu Hawaii	
Imported From:					\\facilitysite documents\media125004\Gasco 2016 H2 GW Rpt Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 25, 2004	
Document No:					25455	
Type:					Monitoring Report	
Title:					2nd Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		36476#\Heersharepoint1\facilitysite%20documents\36476.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 17, 2005					
Document No:	25515					
Type:	Monitoring Report					
Title:	2nd Quarter 2005 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	3062#\Heersharepoint1\facilitysite%20documents\3062.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 17, 2005					
Document No:	6479					
Type:	Monitoring Report					
Title:	2nd Quarter 2005 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	36487#\Heersharepoint1\facilitysite%20documents\36487.pdf					
<u>iHEER System - Documents</u>						
Date :	May 26, 2006					
Document No:	25571					
Type:	Monitoring Report					
Title:	2nd Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	5212#\Heersharepoint1\facilitysite%20documents\5212.pdf					
<u>iHEER System - Documents</u>						
Date :	May 26, 2006					
Document No:	25572					
Type:	Monitoring Report					
Title:	2nd Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	\facilitysite documents\media5212\5212 (2).pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 29, 2007					
Document No:	26534					
Type:	Monitoring Report					
Title:	2nd Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	\facilitysite documents\media6689\6689.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 29, 2007					
Document No:	26533					
Type:	Monitoring Report					
Title:	2nd Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI					
Imported From:	6689#\Heersharepoint1\facilitysite%20documents\6689.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 6, 2009					
Document No:	7058					
Type:	Monitoring Report					
Title:	2nd Quarter 2008 Groundwater Monitoring Report, Revision 1, 616 Iwilei Rd, Honolulu HI					
Imported From:	58572#\Heersharepoint1\facilitysite%20documents\58572.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Dec 22, 2008				
Document No:		5986				
Type:		Monitoring Report				
Title:		2nd Quarter 2008 Groundwater Monitoring Report, Revision 1, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		58571#\Heersharepoint1\facilitiesite%20documents\58571.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 14, 2009				
Document No:		4999				
Type:		Monitoring Report				
Title:		2nd Quarter 2009 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI, 14 Aug 2009				
Imported From:		60696#\Heersharepoint1\facilitiesite%20documents\60696.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 22, 2009				
Document No:		19754				
Type:		Monitoring Report				
Title:		2nd Quarter 2009 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Revised 22 Sep 2009				
Imported From:		\facilitiesite documents\media61020\Q2 2009 GW Monitoring Report rev-Complete.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jun 12, 2009				
Document No:		6006				
Type:		Undetermined				
Title:		2nd Quarter 2009 Groundwater Sampling, Former GASCO Facility, Honolulu HI				
Imported From:		60066#\Heersharepoint1\facilitiesite%20documents\60066.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 23, 2002				
Document No:		6958				
Type:		Monitoring Report				
Title:		2nd Quarter Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI				
Imported From:		36423#\Heersharepoint1\facilitiesite%20documents\36423.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 23, 2002				
Document No:		6960				
Type:		Monitoring Report				
Title:		2nd Quarter Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI				
Imported From:		\facilitiesite documents\media36424\36424.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 23, 2002				
Document No:		6959				
Type:		Monitoring Report				
Title:		2nd Quarter Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI				
Imported From:		36424#\Heersharepoint1\facilitiesite%20documents\36424.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 24, 2002				
Document No:		6514				
Type:		Monitoring Report				
Title:		3rd Quarter 2002 Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		36430#\Heersharepoint1\facilitsite%20documents\36430.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 29, 2003					
Document No:	6377					
Type:	Review Letter					
Title:	3rd Quarter 2003 Groundwater Monitoring Report					
Imported From:	2003-449#Q:\2003 Final Correspondence (Day File)\03-449-MS.pdf					
<u>iHEER System - Documents</u>						
Date :	Oct 11, 2002					
Document No:	19898					
Type:	Review Letter					
Title:	Brewer Environmental Services' Review of Arcadis G&M Work Plan for Remediation of BHP/GASCO Iwilei Property					
Imported From:	121218#\Heersharepoint1\facilitsite%20documents\121218.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 16, 2011					
Document No:	6983					
Type:	Undetermined					
Title:	Brownfields Tax Incentive Eligibility Statement for Property at 616 Iwilei Rd, Honolulu HI, TMK 1-5-012-006					
Imported From:	2011-142#Q:\2011 Final Correspondence (Day File)\11-142-LMB.pdf					
<u>iHEER System - Documents</u>						
Date :	Oct 1, 2002					
Document No:	6367					
Type:	Undetermined					
Title:	Castle & Cooke - Iwilei					
Imported From:	126345#\Heersharepoint1\facilitsite%20documents\126345.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 18, 2007					
Document No:	6384					
Type:	Undetermined					
Title:	Castle & Cooke Properties Inc					
Imported From:	126386#\Heersharepoint1\facilitsite%20documents\126386.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 26, 2002					
Document No:	6399					
Type:	Undetermined					
Title:	Castle & Cooke Properties, Inc - Air Monitoring Letter					
Imported From:	126344#\Heersharepoint1\facilitsite%20documents\126344.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 15, 2009					
Document No:	6392					
Type:	Undetermined					
Title:	CCPI vs. BHP/GASCO					
Imported From:	37071#\Heersharepoint1\facilitsite%20documents\37071.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 6, 2005
Document No: 7032
Type: Undetermined
Title: Change in ARCADIS Authorized Representative, BHP Former GASCO Site, Honolulu HI
Imported From: 2411#\Heersharepoint1\facilitiesite%20documents\2411.pdf

iHEER System - Documents

Date : Jun 15, 2009
Document No: 6023
Type: Undetermined
Title: Change in Key Contact for Voluntary Response Program Agreement
Imported From: 121229#\Heersharepoint1\facilitiesite%20documents\121229.pdf

iHEER System - Documents

Date : Apr 21, 2003
Document No: 6371
Type: Undetermined
Title: Change in project manager
Imported From: 50499#\Heersharepoint1\facilitiesite%20documents\50499.pdf

iHEER System - Documents

Date : Oct 25, 2007
Document No: 19866
Type: Undetermined
Title: Change in project Managers
Imported From: 2007-755#Q:2007 Final Correspondence (Day File)\07-755-MS.pdf

iHEER System - Documents

Date : Dec 23, 2003
Document No: 25508
Type: Monitoring Report
Title: 3rd Quarter 2003, Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI, Prepared for Citizens Communications Company
Imported From: 36469#\Heersharepoint1\facilitiesite%20documents\36469.pdf

iHEER System - Documents

Date : Nov 16, 2004
Document No: 6486
Type: Monitoring Report
Title: 3rd Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 36483#\Heersharepoint1\facilitiesite%20documents\36483.pdf

iHEER System - Documents

Date : Nov 16, 2004
Document No: 11252
Type: Monitoring Report
Title: 3rd Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI
Imported From: 2220#\Heersharepoint1\facilitiesite%20documents\2220.pdf

iHEER System - Documents

Date : Nov 16, 2005
Document No: 6480
Type: Monitoring Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					3rd Quarter 2005 Groundwater Monitoring Report, Former GASCO Site Iwilei District 432 Pacific St, Honolulu HI	
Imported From:					36488#\Heersharepoint1\facilitiesite%20documents\36488.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 16, 2005	
Document No:					6481	
Type:					Monitoring Report	
Title:					3rd Quarter 2005 Groundwater Monitoring Report, Former GASCO Site Iwilei District 432 Pacific St, Honolulu HI	
Imported From:					\facilitiesite documents\media36488\3rd Qtr 2005 GW Monitoring Report.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 16, 2005	
Document No:					25575	
Type:					Monitoring Report	
Title:					3rd Quarter 2005 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI	
Imported From:					3356#\Heersharepoint1\facilitiesite%20documents\3356.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 27, 2006	
Document No:					6485	
Type:					Monitoring Report	
Title:					3rd Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI	
Imported From:					36494#\Heersharepoint1\facilitiesite%20documents\36494.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 28, 2007	
Document No:					19806	
Type:					Monitoring Report	
Title:					3rd Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI	
Imported From:					7000#\Heersharepoint1\facilitiesite%20documents\7000.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 28, 2007	
Document No:					19807	
Type:					Monitoring Report	
Title:					3rd Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI	
Imported From:					\facilitiesite documents\media7000\7000.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 28, 2007	
Document No:					6525	
Type:					Monitoring Report	
Title:					3rd Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI	
Imported From:					36501#\Heersharepoint1\facilitiesite%20documents\36501.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 13, 2007	
Document No:					6400	
Type:					Undetermined	
Title:					Minutes of Meeting Gasco, Arcadis and HDOH	
Imported From:					126379#\Heersharepoint1\facilitiesite%20documents\126379.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Aug 24, 2005			
Document No:			25514			
Type:			Undetermined			
Title:			Modification to Air Sparging Rotation in Situ Air Sparge/Soil Vapor Extraction and Treatment System Former GASCO Site 432 Pacific St			
Imported From:			3091#\Heersharepoint1\facilitiesite%20documents\3091.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 3, 2008			
Document No:			5983			
Type:			Review Letter			
Title:			No further Remediation for indoor air at CCPI Building			
Imported From:			2008-007#Q:\2008 Final Correspondence (Day File)\08-007-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 21, 2007			
Document No:			6379			
Type:			Undetermined			
Title:			Noncovered Source Permit No 0551-01-N, Jul through Dec 2006 Air Permit Compliance Report, Former Gasco Site, 432 Pacific St, Honolulu Hawaii			
Imported From:			126380#\Heersharepoint1\facilitiesite%20documents\126380.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 5, 2008			
Document No:			6343			
Type:			Undetermined			
Title:			Noncovered Source Permit No 0551-01-N, Jul through Dec 2007 Air Permit Compliance Report, Former GASCO Site, 432 Pacific St, Honolulu Hawaii			
Imported From:			121212#\Heersharepoint1\facilitiesite%20documents\121212.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 18, 2003			
Document No:			6355			
Type:			Undetermined			
Title:			Note to file: Gasco Inspections			
Imported From:			126350#\Heersharepoint1\facilitiesite%20documents\126350.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2005			
Document No:			11253			
Type:			Undetermined			
Title:			Notification of intent to install catalyst on the thermal/catalytic oxidizer located at the Former GASCO Facility, 432 Pacific St, Honolulu HI			
Imported From:			2646#\Heersharepoint1\facilitiesite%20documents\2646.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2003			
Document No:			6389			
Type:			Undetermined			
Title:			Odor Issues Related to Remediation Activites, Former GASCO Site, 432 Pacific St, Honolulu Hawaii			
Imported From:			126355#\Heersharepoint1\facilitiesite%20documents\126355.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 12, 1990			
Document No:			25409			
Type:			Undetermined			
Title:			Pacific Resources, Incorporated - Iwilei, Honolulu HI			
Imported From:			897#\Heersharepoint1\facilitiesite%20documents\897.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 18, 2019			
Document No:			180840			
Type:			Undetermined			
Title:			Path Forward for Gasco & Dole Cannery Bldg as of 6-18-2019			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 13, 2011			
Document No:			15265			
Type:			Undetermined			
Title:			Chemical Storage and Remediation Activities, 616 Iwilei Rd, Iwilei District, Honolulu, Oahu			
Imported From:			94922#\Heersharepoint1\facilitiesite%20documents\94922.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2004			
Document No:			25489			
Type:			Undetermined			
Title:			Circulation letter for Consent Agreement			
Imported From:			2004-116#Q:\2004 Final Correspondence (Day File)\04-116-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2004			
Document No:			25488			
Type:			Agreement			
Title:			Circulation letter for Consent Agreement			
Imported From:			50969#\Heersharepoint1\facilitiesite%20documents\50969.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2022			
Document No:			196585			
Type:			Comment Letter			
Title:			Comments on 2021 Long Term Monitoring Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 20, 2003			
Document No:			25399			
Type:			Comment Letter			
Title:			Comments on Arcadis G&M, Revised Plan for Remediation Former GASCO Site			
Imported From:			340#\Heersharepoint1\facilitiesite%20documents\340.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 21, 2022			
Document No:			196592			
Type:			Comment Letter			
Title:			Comments on Draft 2022 Long Term Monitoring Program			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 1, 2011
Document No: 25393
Type: Comment Letter
Title: Comments on Draft RAM prepared by Weston Solutions for the Former GASCO Site
Imported From: 96154#\Heersharepoint1\facilitiesite%20documents\96154.pdf

iHEER System - Documents

Date : Jul 12, 2005
Document No: 6465
Type: Review Letter
Title: Comments on Jul 6, 2005, indoor air Study workplan for Dole Cannery
Imported From: 51755#\Heersharepoint1\facilitiesite%20documents\51755.pdf

iHEER System - Documents

Date : Mar 18, 2004
Document No: 25495
Type: Comment Letter
Title: Comments on QAPP
Imported From: 2004-106#Q:\2004 Final Correspondence (Day File)\04-106-MS.pdf

iHEER System - Documents

Date : Dec 10, 2009
Document No: 19825
Type: Comment Letter
Title: Comments on RAA
Imported From: 2009-817#Q:\2009 Final Correspondence (Day File)\09-817-MS.pdf

iHEER System - Documents

Date : Jun 19, 2012
Document No: 19741
Type: Comment Letter
Title: Comments on Remedial Design Work Plan prepared by Weston Solutions Inc, for the Former GASCO Site
Imported From: 100102#\Heersharepoint1\facilitiesite%20documents\100102.pdf

iHEER System - Documents

Date : Apr 7, 2020
Document No: 174142
Type: Comment Letter
Title: Comments to RTCs LTM Draft Report
Imported From:

iHEER System - Documents

Date : Aug 19, 2004
Document No: 25428
Type: Undetermined
Title: Confirmation of Change in Groundwater Sampling Parameters, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 1759#\Heersharepoint1\facilitiesite%20documents\1759.pdf

iHEER System - Documents

Date : Mar 31, 2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			19766			
Type:			Undetermined			
Title:			Continued Treatment at the Former GASCO Site			
Imported From:			109304#\Heersharepoint1\facilitiesite%20documents\109304.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 28, 2020			
Document No:			178317			
Type:			Monitoring Report			
Title:			Corrected Tables for the Long-Term Monitoring Report 1st Half 2020, previously submitted on 11/03/2020			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 28, 2020			
Document No:			178314			
Type:			Monitoring Report			
Title:			Corrected Tables for the Long-Term Monitoring Report 1st Half 2020, previously submitted on 11/03/2020_submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 3, 2009			
Document No:			4907			
Type:			Undetermined			
Title:			Cover Letter -Remedial Investigation Report, 616 Iwilei Rd, Honolulu HI			
Imported From:			59436#\Heersharepoint1\facilitiesite%20documents\59436.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2003			
Document No:			25420			
Type:			Undetermined			
Title:			Data from Initial Soil Vapor Sampling Event in Dole Cannery Alleyway, Former GASCO Benzene Site, Honolulu HI			
Imported From:			392#\Heersharepoint1\facilitiesite%20documents\392.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 8, 2004			
Document No:			16305			
Type:			Undetermined			
Title:			Data Gap Analysis Report, Former GASCO Site, Iwilei District, 432 Pacific St			
Imported From:			393#\Heersharepoint1\facilitiesite%20documents\393.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 8, 2004			
Document No:			25449			
Type:			Undetermined			
Title:			Data Gap Analysis Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI			
Imported From:			36458#\Heersharepoint1\facilitiesite%20documents\36458.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 27, 2007			
Document No:			6020			
Type:			Undetermined			
Title:			Dec 2007 Injection Event, Former GASCO Site, Honolulu HI			
Imported From:			7106#\Heersharepoint1\facilitiesite%20documents\7106.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 23, 2009
Document No: 19841
Type: Undetermined
Title: Description of the Remediation of GASCO for Weston Solutions
Imported From: 60129#\Heersharepoint1\facilitiesite%20documents\60129.pdf

iHEER System - Documents

Date : Jul 28, 2021
Document No: 180839
Type: Response to Comments
Title: Response to Comments: Review of Draft Long-Term Monitoring Report, 2nd Half 2020, Dated April 2021. Letter dated June 02, 2021, File: 179955 IV.
Imported From:

iHEER System - Documents

Date : Mar 23, 2010
Document No: 19827
Type: Remedial Action Completion Work Plan
Title: Field Optimization Phase Work Plan, Surfactant Enhanced In-Situ Chemical Oxidation (S-ISCO) and Surfactant Enhanced Product Recovery (S-EPR)
Imported From: 62736#\Heersharepoint1\facilitiesite%20documents\62736.pdf

iHEER System - Documents

Date : Mar 26, 2010
Document No: 19846
Type: Remedial Action Completion Work Plan
Title: Field Optimization Phase Work Plan, Surfactant Enhanced In-Situ Chemical Oxidation (S-ISCO) and Surfactant Enhanced Product Recovery (S-ERP)
Imported From: \facilitiesite documents\media62810\FOP WP 2010 0326 (revision 1).pdf

iHEER System - Documents

Date : Oct 20, 2008
Document No: 6955
Type: Monitoring Report
Title: Final 1st Quarter 2008 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI
Imported From: 58335#\Heersharepoint1\facilitiesite%20documents\58335.pdf

iHEER System - Documents

Date : Oct 20, 2008
Document No: 25429
Type: Monitoring Report
Title: Final 1st Quarter 2008 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 58336#\Heersharepoint1\facilitiesite%20documents\58336.pdf

iHEER System - Documents

Date : Nov 15, 2004
Document No: 25499
Type: Undetermined
Title: Final Quality Assurance Project Plan, Former GASCO Site, 432 Pacific St, Iwilei District, Honolulu HI
Imported From: 36482#\Heersharepoint1\facilitiesite%20documents\36482.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Nov 15, 2004			
Document No:			11251			
Type:			Undetermined			
Title:			Final Quality Assurance Project Plan, Former GASCO Site, Honolulu HI			
Imported From:			2218#\Heersharepoint1\facilysite%20documents\2218.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 24, 2012			
Document No:			7050			
Type:			Response Action Memorandum			
Title:			Final RAM Former GASCO Site 616 Iwilei Rd, Honolulu HI			
Imported From:			98247#\Heersharepoint1\facilysite%20documents\98247.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 5, 2016			
Document No:			6405			
Type:			Monitoring Report			
Title:			First Half 2016 Semi-Annual Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu, Oahu HI			
Imported From:			\facilysite documents\media122217\Gasco 2016 GW 1H report-Complete.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 16, 2017			
Document No:			6954			
Type:			Monitoring Report			
Title:			First Half 2017 Semi-Annual Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu, Oahu, Hawaii			
Imported From:			\facilysite documents\media128276\Gasco 2017 GW 1H report-Complete.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 5, 2015			
Document No:			19880			
Type:			Monitoring Report			
Title:			First Quarter 2010 Groundwater Monitoring Report 616 Iwilei Rd, Honolulu, Oahu HI			
Imported From:			\facilysite documents\media118892\SAP REV3 Cover Letter.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 5, 2015			
Document No:			19879			
Type:			Monitoring Report			
Title:			First Quarter 2010 Groundwater Monitoring Report 616 Iwilei Rd, Honolulu, Oahu HI			
Imported From:			\facilysite documents\media118892\SAP Combined.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 3, 2003			
Document No:			19832			
Type:			Remedial Action Completion Work Plan			
Title:			Follow-Up Regarding 17 Nov 2003 Work Plan for Additional Soil Gas Probes, Former GASCO Site, Honolulu HI			
Imported From:			47#\Heersharepoint1\facilysite%20documents\47.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 30, 2004			
Document No:			29431			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Follow-Up Regarding the Oct 30, 2003 & Feb 2, 2004, Initial Noncovered Source Permit Application & Addendum, Former GASCO Site, 432 Pacific St				
Imported From:		48#\Heersharepoint1\facilysite%20documents\48.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 12, 2003				
Document No:		25403				
Type:		Undetermined				
Title:		Follow-Up Tier 1 Groundwater Plume Delineation Map to the Revised Plan for Remediation, Former GASCO Site				
Imported From:		49#\Heersharepoint1\facilysite%20documents\49.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 18, 2005				
Document No:		19178				
Type:		Undetermined				
Title:		Formal Request for Public Records				
Imported From:		2961#\Heersharepoint1\facilysite%20documents\2961.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 20, 2008				
Document No:		19810				
Type:		Undetermined				
Title:		Former GASCO Site kick-off meeting minutes for Feb 11, 2008				
Imported From:		7337#\Heersharepoint1\facilysite%20documents\7337.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 18, 2006				
Document No:		6939				
Type:		Undetermined				
Title:		Former GASCO Site, 432 Pacific St, Honolulu Hawaii				
Imported From:		127615#\Heersharepoint1\facilysite%20documents\127615.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 22, 2005				
Document No:		25421				
Type:		Undetermined				
Title:		Former GASCO Site, Iwilei District - 432 Pacific St, Honolulu HI				
Imported From:		2689#\Heersharepoint1\facilysite%20documents\2689.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2003				
Document No:		6517				
Type:		Undetermined				
Title:		Pilot Study and Addendum Results, Hydrogen Peroxide and ACE Subsurface Injection, Former GASCO Benzene Site, Iwilei District, 432 Pacific St, Honolulu HI				
Imported From:		36436#\Heersharepoint1\facilysite%20documents\36436.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 26, 2001				
Document No:		25518				
Type:		Undetermined				
Title:		Plan of Remediation and Baseline Sampling/Pilot Study Work Plan, Former GASCO Site, 432 Pacific St, Iwilei District, Honolulu HI				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		934#\Heersharepoint1\facilitiesite%20documents\934.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 25, 2001				
Document No:		6495				
Type:		Undetermined				
Title:		Plan of Remediation Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI				
Imported From:		36405#\Heersharepoint1\facilitiesite%20documents\36405.pdf				
<u>iHEER System - Documents</u>						
Date :		May 27, 2003				
Document No:		6979				
Type:		Undetermined				
Title:		Point of contact for Former Gasco Site Remediation				
Imported From:		126349#\Heersharepoint1\facilitiesite%20documents\126349.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 3, 2009				
Document No:		19753				
Type:		Monitoring Report				
Title:		Pre-draft Remedial Alternatives Analysis, 616 Iwilei Rd, Honolulu, Oahu				
Imported From:		\facilitiesite documents\media61065\Q4 2008 Groundwater Report.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 3, 2009				
Document No:		19752				
Type:		Remedial Alternatives Analysis Report				
Title:		Pre-draft Remedial Alternatives Analysis, 616 Iwilei Rd, Honolulu, Oahu				
Imported From:		61065#\Heersharepoint1\facilitiesite%20documents\61065.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 23, 2009				
Document No:		5981				
Type:		Undetermined				
Title:		Pre-draft Remedial Alternatives Analysis, 616 Iwilei Rd, Honolulu, Oahu				
Imported From:		121226#\Heersharepoint1\facilitiesite%20documents\121226.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 24, 2008				
Document No:		6447				
Type:		Remedial Investigation Report				
Title:		Pre-Final Remedial Investigation Report, Appendices, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		58221#\Heersharepoint1\facilitiesite%20documents\58221.pdf				
<u>iHEER System - Documents</u>						
Date :		May 13, 1990				
Document No:		6511				
Type:		Preliminary Assessment Report				
Title:		Preliminary Assessment				
Imported From:		36408#\Heersharepoint1\facilitiesite%20documents\36408.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jun 27, 1990				
Document No:		25577				
Type:		Comment Letter				
Title:		Preliminary Assessment (PA), Pacific Resources Inc (PRI), 531 Pacific St, Honolulu HI				
Imported From:		47270#\Heersharepoint1\facilitiesite%20documents\47270.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 6, 1991				
Document No:		25578				
Type:		Undetermined				
Title:		Preliminary Assessment for the GASCO Iwilei Site				
Imported From:		47304#\Heersharepoint1\facilitiesite%20documents\47304.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 12, 2007				
Document No:		5989				
Type:		Undetermined				
Title:		Preliminary Findings, Indoor Air Survey, CCPI Building Next to GASCO Property (813 112007)				
Imported From:		2007-645#Q:\2007 Final Correspondence (Day File)\07-645-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2015				
Document No:		6943				
Type:		Preliminary Assessment Report				
Title:		Preliminary Soil Gas Evaluation at the Former GASCO Site				
Imported From:		113460#\Heersharepoint1\facilitiesite%20documents\113460.pdf				
<u>iHEER System - Documents</u>						
Date :		May 1, 2002				
Document No:		6938				
Type:		Undetermined				
Title:		Progress and Transmittal of Jan 2002 Sampling Data from the Pilot Scale Study, ACE Technology Application, Former GASCO Site, Iwilei District, 432 Pacific Ave, Honolulu HI 96814-4912				
Imported From:		36417#\Heersharepoint1\facilitiesite%20documents\36417.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 5, 2007				
Document No:		14181				
Type:		Review Letter				
Title:		Project no: KSK-2007-001				
Imported From:		6717#\Heersharepoint1\facilitiesite%20documents\6717.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 11, 2007				
Document No:		19390				
Type:		Undetermined				
Title:		Proposed Schedule GASCO Site, 432 Pacific St, Honolulu. Hawaii				
Imported From:		6360#\Heersharepoint1\facilitiesite%20documents\6360.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 12, 2006				
Document No:		25512				
Type:		Undetermined				
Title:		Proposed Use of Passive Diffusion Bag Samplers for Groundwater Monitoring, Former GASCO Site, Honolulu HI				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		3607#\Heersharepoint1\facilitiesite%20documents\3607.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 4, 2008				
Document No:		19739				
Type:		Undetermined				
Title:		Purchase of the Former GASCO Site				
Imported From:		7120#\Heersharepoint1\facilitiesite%20documents\7120.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 19, 2021				
Document No:		178467				
Type:		Comment Letter				
Title:		Re-issued: Review of Draft Long-Term Monitoring Report, 1st Half 2020, Dated November 2020.				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 20, 2008				
Document No:		19871				
Type:		Comment Letter				
Title:		Response to Draft RI				
Imported From:		2008-702#Q:\2008 Final Correspondence (Day File)\08-702-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 20, 2003				
Document No:		25418				
Type:		Comment Letter				
Title:		Response to EPA Comments to the Revised Plan for Remediation Former GASCO Site				
Imported From:		1162#\Heersharepoint1\facilitiesite%20documents\1162.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 9, 2003				
Document No:		7033				
Type:		Comment Letter				
Title:		Response to Hawaii Department of Health Letter, 24 Jul 2003				
Imported From:		1147#\Heersharepoint1\facilitiesite%20documents\1147.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 2, 2010				
Document No:		6403				
Type:		Undetermined				
Title:		Response to HDOH Letter of Interest				
Imported From:		2010-565#Q:\2010 Final Correspondence (Day File)\10-565-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 2, 2010				
Document No:		6402				
Type:		Undetermined				
Title:		Response to HDOH Letter of Interest				
Imported From:		122466#\Heersharepoint1\facilitiesite%20documents\122466.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 9, 2003			
Document No:			25417			
Type:			Comment Letter			
Title:			Response to HDOH, 7 Aug 2003			
Imported From:			1163#\Heersharepoint1\facilitiesite%20documents\1163.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 7, 2003			
Document No:			6390			
Type:			Review Letter			
Title:			Response to IAS Design Test Summary Report			
Imported From:			50629#\Heersharepoint1\facilitiesite%20documents\50629.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 14, 2009			
Document No:			19761			
Type:			Undetermined			
Title:			Response to Letter from John Francis Perkin, Esq, Aug 19, 2009 concerning the BHP GASCO Benzene Site			
Imported From:			61066#\Heersharepoint1\facilitiesite%20documents\61066.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 15, 2004			
Document No:			6452			
Type:			Comment Letter			
Title:			Response to Remedial Investigation Work Plan			
Imported From:			2004-235#Q:\2004 Final Correspondence (Day File)\04-235-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 18, 2009			
Document No:			6340			
Type:			Undetermined			
Title:			Response to revised exit strategy			
Imported From:			60096#\Heersharepoint1\facilitiesite%20documents\60096.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 22, 2006			
Document No:			6459			
Type:			Comment Letter			
Title:			Response to Risk Assessment			
Imported From:			2006-372#Q:\2006 Final Correspondence (Day File)\06-372-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 10, 2009			
Document No:			6350			
Type:			Comment Letter			
Title:			Response to Technical Report Comments dated 10 Dec 2008, Remedial Investigation Report, 616 Iwilei Rd, Honolulu, Oahu HI			
Imported From:			121176#\Heersharepoint1\facilitiesite%20documents\121176.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 9, 2009			
Document No:			6347			
Type:			Comment Letter			
Title:			Response to Technical Review Comments dated 9 Feb 2009 and 2 Mar 209, Remedial Investigation Report, 616			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					Iwilei Rd, Honolulu, Oahu HI 121175#\Heersharepoint1\facilitsite%20documents\121175.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 21, 2007	
Document No:					25573	
Type:					Comment Letter	
Title:					Response to the 12/6/06 HDOH comments regarding the 3rd Quarter 2006 Groundwater Monitoring Report, Former GASCO Facility, Honolulu HI	
Imported From:					6076#\Heersharepoint1\facilitsite%20documents\6076.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 5, 2008	
Document No:					6348	
Type:					Undetermined	
Title:					Response to the 2008 Annual Fee Requirements for Noncovered Source Permits for the Former GASCO Facility, 432 Pacific St, Honolulu Hawaii	
Imported From:					121211#\Heersharepoint1\facilitsite%20documents\121211.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 2, 2005	
Document No:					6458	
Type:					Comment Letter	
Title:					Response to the 4th quarter Monitoring Report	
Imported From:					2005-115#Q:\2005 Final Correspondence (Day File)\05-115-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 21, 2007	
Document No:					6391	
Type:					Comment Letter	
Title:					Response to the Dec 6, 2006 Hawaii Department of Health comments regarding the Third Quarter 2006 Groundwater Monitoring Report for the Former GASCO facility, Honolulu Hawaii	
Imported From:					126381#\Heersharepoint1\facilitsite%20documents\126381.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 26, 2008	
Document No:					6341	
Type:					Undetermined	
Title:					Response to your Aug 8, 2008 Letter	
Imported From:					121180#\Heersharepoint1\facilitsite%20documents\121180.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 20, 2008	
Document No:					6351	
Type:					Undetermined	
Title:					Response to your May 23, 2008 Letter regarding the Remediation of GASCO Plume Impacts on the Former ConocoPhillips Terminal, Iwilei, Oahu	
Imported From:					121213#\Heersharepoint1\facilitsite%20documents\121213.pdf	
<u>iHEER System - Documents</u>						
Date :					May 19, 2008	
Document No:					6349	
Type:					Undetermined	
Title:					Response to your May 6, 2008 Letter regarding the Remediation of GASCO Plume Impacts on the Former	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					ConocoPhillips Terminal, Iwilei, Oahu 121214#\Heersharepoint1\facilitiesite%20documents\121214.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 20, 2012	
Document No:					19770	
Type:					Comment Letter	
Title:					Response to: Environmental Science International (ESI) letter of Jun 19, 2012, Comments on Remedial Design Work Plan (WP), Former GASCO Site, 616 Iwilei Rd, Honolulu HI: Weston Solutions Inc, May 23, 2012	
Imported From:					2012-377#Q:\2012 Final Correspondence (Day File)\12-377-SPM.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 7, 1989	
Document No:					6509	
Type:					Undetermined	
Title:					Foundation Investigation Proposed PRI Office Building, Honolulu HI	
Imported From:					36407#\Heersharepoint1\facilitiesite%20documents\36407.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 13, 2007	
Document No:					6468	
Type:					Review Letter	
Title:					Fourth 1/4 2006 Monitoring Report	
Imported From:					2007-164#Q:\2007 Final Correspondence (Day File)\07-164-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 15, 2007	
Document No:					25562	
Type:					Undetermined	
Title:					Freedom of Information Act Request Concerning hazardous or Toxic Substances Contamination of the Former BHP GASCO Iwilei plant located at 432 Pacific St, Honolulu, and Citizens Energy Services Site at Pier 38, Honolulu	
Imported From:					6641#\Heersharepoint1\facilitiesite%20documents\6641.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 15, 2004	
Document No:					171957	
Type:					Undetermined	
Title:					GASCO 01/15/2004	
Imported From:					\facilitiesite documents\media105026\Gasco 01-15-2004 Photos.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 29, 2001	
Document No:					171958	
Type:					Undetermined	
Title:					Gasco Bio-Remediation Nitrification Pilot Project	
Imported From:					\facilitiesite documents\media123103\Gasco 10-29-2001 Photos.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 17, 1989	
Document No:					25416	
Type:					Undetermined	
Title:					GASCO Iwilei Facility Department of Health (DOH) Request for Site Assessment	
Imported From:					525#\Heersharepoint1\facilitiesite%20documents\525.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 10, 2002
Document No: 5984
Type: Undetermined
Title: GASCO Property
Imported From: 121217#\Heersharepoint1\facilitiesite%20documents\121217.pdf

iHEER System - Documents

Date : Sep 4, 2002
Document No: 5988
Type: Undetermined
Title: GASCO Site
Imported From: 121216#\Heersharepoint1\facilitiesite%20documents\121216.pdf

iHEER System - Documents

Date : Sep 16, 2002
Document No: 6356
Type: Undetermined
Title: Gasco/BHP Property in Iwilei
Imported From: 126346#\Heersharepoint1\facilitiesite%20documents\126346.pdf

iHEER System - Documents

Date : May 22, 2018
Document No: 25581
Type: Monitoring Report
Title: Ground Water Monitoring Well Closure Report for 27 wells at 616 Iwilei Road Property, Honolulu HI
Imported From: \facilitiesite documents\media131957\131957.pdf

iHEER System - Documents

Date : Nov 17, 2010
Document No: 14967
Type: Review Letter
Title: Review of Incident Report 10 Sep2010 Former GASCO Facility, 4 Nov 2010, by Weston Solutions Inc
Imported From: 2010-691#Q:\2010 Final Correspondence (Day File)\10-691-MS.pdf

iHEER System - Documents

Date : Aug 1, 2005
Document No: 6369
Type: Review Letter
Title: Review of Indoor Air SAP
Imported From: 2005-383#Q:\2005 Final Correspondence (Day File)\05-383-MS.pdf

iHEER System - Documents

Date : Aug 12, 2002
Document No: 6970
Type: Review Letter
Title: Review of information regarding ground-water contamination and the pulot-scale Study of ACE treatment technology currently underway at the Former GASCO Site, Iwilei District, Honolulu
Imported From: 126343#\Heersharepoint1\facilitiesite%20documents\126343.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jul 20, 2010				
Document No:		19849				
Type:		Review Letter				
Title:		Review of ISCO in SVE Area WP				
Imported From:		2010-420#Q:\2010 Final Correspondence (Day File)\10-420-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 7, 2018				
Document No:		6374				
Type:		Review Letter				
Title:		Review of Letter Subject: Response to Comments, Draft EHMP, Former GASCO Facility, 616 Iwilei Road Property, Honolulu HI				
Imported From:		2018-063#Q:\2018 Final Correspondence (Day File)\18-063 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 12, 2018				
Document No:		19838				
Type:		Review Letter				
Title:		Review of Letter Subject: Site Preparation Request for Redevelopment of 616 Iwilei Road Property, Honolulu HI, dated Feb 9, 2018				
Imported From:		2018-031#Q:\2018 Final Correspondence (Day File)\18-031 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 8, 2018				
Document No:		6506				
Type:		Review Letter				
Title:		Review of Letter Subject: Site Preparation using In-Situ Chemical Oxidation Injections for Redevelopment of 616 Iwilei Road Property, Honolulu HI, dated Mar 3, 2018				
Imported From:		2018-065#Q:\2018 Final Correspondence (Day File)\18-065 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 28, 2010				
Document No:		19823				
Type:		Comment Letter				
Title:		Review of Remedial Alternatives Analysis, 15 Jan 2010 by Weston Solutions Inc				
Imported From:		2010-091#Q:\2010 Final Correspondence (Day File)\10-091-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		May 31, 2012				
Document No:		19775				
Type:		Review Letter				
Title:		Review of Remedial Design Work Plan, 23 May 2012 by Weston Solutions Inc				
Imported From:		2012-340#Q:\2012 Final Correspondence (Day File)\12-340-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 3, 2003				
Document No:		25493				
Type:		Review Letter				
Title:		Review of Response Action Design, Construction and Implementation Work Plan				
Imported From:		2003-416#Q:\2003 Final Correspondence (Day File)\03-416-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 28, 2018				
Document No:		25564				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Review Letter	
Title:					Review of Response to Comments for the Draft Environmental Hazard Evaluation REVISION 1, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii	
Imported From:					2018-188#Q:\2018 Final Correspondence (Day File)\18-188 SPM.pdf	
<u>iHEER System - Documents</u>						
Date :					May 1, 2018	
Document No:					171960	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2017	
Imported From:					\facilitiesite documents\media131956\Semi-Annual Groundwater Monitoring Report Second Half 2017.pdf	
<u>iHEER System - Documents</u>						
Date :					May 20, 2020	
Document No:					175145	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2019,Former GASCO Facility 616 Iwilei Road Honolulu, Hawaii	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					May 20, 2020	
Document No:					175144	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report Second Half 2019,Former GASCO Facility 616 Iwilei Road Honolulu, Hawaii_submittal	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Aug 27, 2013	
Document No:					6342	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2013, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					107309#\Heersharepoint1\facilitiesite%20documents\107309.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2015	
Document No:					6527	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2015, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					\facilitiesite documents\media115527\Gasco 2015 H1 GW Rpt_DRAFT_No App B, D.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2015	
Document No:					6529	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2015, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					\facilitiesite documents\media115527\Appendices\App B Historical Data\Historical data.xlsx	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2015	
Document No:					6528	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2015, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\\facilitysite\documents\media115527\Appendices\App B Historical Data\Hist RPD 1H15.xlsx				
<u>iHEER System - Documents</u>						
Date :	Sep 20, 2011					
Document No:	25396					
Type:	Comment Letter					
Title:	Response To: Environmental Science International (ESI) letter of Sep 1, 2011, Providing Comments on the Draft RAM for the Former GASCO Site					
Imported From:		2011-531#Q:\2011 Final Correspondence (Day File)\11-531-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 12, 2011					
Document No:	25400					
Type:	Review Letter					
Title:	Response To: Kevin S. Kennedy Consulting LLC letter of Aug 23, 2011, Providing Comments on the Draft RAM for the Former GASCO Site					
Imported From:		2011-521#Q:\2011 Final Correspondence (Day File)\11-521-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 20, 2011					
Document No:	25391					
Type:	Comment Letter					
Title:	Response To: Mr. Sam Williams E-mail of Jul 22, 2011 Providing Comments on the Draft RAM for the Former GASCO Site					
Imported From:		2011-532#Q:\2011 Final Correspondence (Day File)\11-532-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 30, 2011					
Document No:	6982					
Type:	Review Letter					
Title:	Response to: Weston's letter of Mar 29, 2011 titled GASCO Plume Migration Caused by Lowe's Dewatering Operations					
Imported From:		2011-179#Q:\2011 Final Correspondence (Day File)\11-179-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 17, 2003					
Document No:	6967					
Type:	Undetermined					
Title:	Responses Regarding Soil Vapor Detections in Dole Cannery Alleyway, Former GASCO Site, Honolulu Hawaii					
Imported From:		126357#\Heersharepoint1\facilitysite%20documents\126357.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 16, 2022					
Document No:	200084					
Type:	Response to Comments					
Title:	Responses to Comments on Draft Long-Term Monitoring Program					
Imported From:						
<u>iHEER System - Documents</u>						
Date :	Dec 4, 2019					
Document No:	172272					
Type:	Comment Letter					
Title:	Review of Response to Comments, Soil Gas and Indoor Air Monitoring Results at the Dole Cannery Building Revision 1, May 2019.					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Jun 15, 2004
Document No: 6433
Type: Review Letter
Title: Review of revised 4th Quarter 2003 groundwater Monitoring Report
Imported From: 2004-237#Q:\2004 Final Correspondence (Day File)\04-237-MS.pdf

iHEER System - Documents

Date : Feb 22, 2023
Document No: 200188
Type: Review Letter
Title: Review of Revised Final 2021 Long-Term Monitoring Report
Imported From:

iHEER System - Documents

Date : Feb 21, 2023
Document No: 200174
Type: Review Letter
Title: Review of Revised Long-Term Monitoring Program Years 2022 to 2039 and RTCs
Imported From:

iHEER System - Documents

Date : Jul 21, 2004
Document No: 6372
Type: Review Letter
Title: Review of revised RI Work Plan
Imported From: 2004-281#Q:\2004 Final Correspondence (Day File)\04-281-MS.pdf

iHEER System - Documents

Date : Oct 4, 2007
Document No: 19899
Type: Review Letter
Title: Review of Revised Risk Assessment
Imported From: 2007-700#Q:\2007 Final Correspondence (Day File)\07-700-MS.pdf

iHEER System - Documents

Date : Dec 23, 2015
Document No: 6937
Type: Review Letter
Title: Review of SAP Groundwater Monitoring, Revision 3
Imported From: 2015-657#Q:\2015 Final Correspondence (Day File)\15-657-SPM.pdf

iHEER System - Documents

Date : Oct 19, 2015
Document No: 6952
Type: Review Letter
Title: Review of Semi-Annual Groundwater Monitoring Report, First Half 2015, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii, Sep 2015
Imported From: 2015-602#Q:\2015 Final Correspondence (Day File)\15-602-SPM.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 22, 2017
Document No: 25520
Type: Review Letter
Title: Review of Semi-Annual Groundwater Monitoring Report, Second Half 2016, Former GASCO Facility, 616 Iwilei Rd, Honolulu Hawaii
Imported From: 2017-084#Q:\2017 Final Correspondence (Day File)\17-084 SPM.pdf

iHEER System - Documents

Date : Sep 29, 2015
Document No: 6519
Type: Review Letter
Title: Review of Soil Gas Investigation Work Plan for SVE Installation at the Dole Cannery, Revision 1
Imported From: 2015-561#Q:\2015 Final Correspondence (Day File)\15-561-SPM.pdf

iHEER System - Documents

Date : Jul 6, 2009
Document No: 19756
Type: Review Letter
Title: Review of Strategy Former GASCO Facility Revised Date 3 Jul 2009
Imported From: 2009-435#Q:\2009 Final Correspondence (Day File)\09-435-SPM.pdf

iHEER System - Documents

Date : Mar 28, 2003
Document No: 6366
Type: Review Letter
Title: Review of the Revised Plan for Remediation at the Former GASCO Site, Iwilei District, Honolulu
Imported From: 126348#\Heersharepoint1\facilitiesite%20documents\126348.pdf

iHEER System - Documents

Date : Oct 10, 2008
Document No: 6021
Type: Review Letter
Title: Review of Weston's Revised Remedial Investigation Report, Former GASCO Site, 432 Pacific St, Honolulu Hawaii
Imported From: 121179#\Heersharepoint1\facilitiesite%20documents\121179.pdf

iHEER System - Documents

Date : Dec 2, 2003
Document No: 25437
Type: Review Letter
Title: Review of Work Plan for Additional Gas Probes Former GASCO Sites date Nov 17 2003
Imported From: 2003-414#Q:\2003 Final Correspondence (Day File)\03-414-MS.pdf

iHEER System - Documents

Date : Nov 24, 2021
Document No: 181543
Type: Comment Letter
Title: Review of: Response to Comments: Draft Long-Term Monitoring Report, 2nd Half 2020, Dated April 2021; Letter dated October 25, 2021.
Imported From:

iHEER System - Documents

Date : May 8, 2014
Document No: 19769

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Review Letter	
Title:					Review of: Continued Treatment at the Former GASCO Site Memo, 31 Mar 2014 by Weston Solutions	
Imported From:					2014-208#Q:\2014 Final Correspondence (Day File)\14-208-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 22, 2019	
Document No:					25485	
Type:					Review Letter	
Title:					Review of: Response to Comments, Semi-Annual Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Road Property, Honolulu HI, September 2018.	
Imported From:					2019-039#Q:\2019 Final Correspondence (Day File)\19-039 IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2015	
Document No:					6535	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2015, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					\facilitysite documents\media115527\Appendices\App D Data Trends\2015 H1 Val Data.xlsx	
<u>iHEER System - Documents</u>						
Date :					Feb 1, 2019	
Document No:					6946	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2018, Revision 1	
Imported From:					\facilitysite documents\media136141\1H2018 616 GW Report-Rev1-02272019-v1.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 1, 2019	
Document No:					6947	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, First Half 2018, Revision 1_submittal	
Imported From:					\facilitysite documents\media136141\HNM-X567-HRR4C-v1-COR.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 24, 2015	
Document No:					6521	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, Second Half 2014	
Imported From:					\facilitysite documents\media113695\All Tables.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 24, 2015	
Document No:					6523	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, Second Half 2014	
Imported From:					\facilitysite documents\media113695\2015 0224 Gasco 2014 H2 GW Rpt_FINAL.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 24, 2015	
Document No:					6522	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Report, Second Half 2014	
Imported From:					\facilitysite documents\media113695\All Figures.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 24, 2015
Document No: 6524
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring Report, Second Half 2014
Imported From: \facilitysite documents\media113695\All Appendices.pdf

iHEER System - Documents

Date : Feb 11, 2005
Document No: 19308
Type: Monitoring Report
Title: Semi-Annual Monitoring Report, Jul 1 - Dec 31, 2004 Noncovered Source Permit No 0551-01-N Soil Vapor Extraction and Treatment System (cont.)
Imported From: 2574#\Heersharepoint1\facilitysite%20documents\2574.pdf

iHEER System - Documents

Date : Feb 12, 2014
Document No: 19884
Type: Monitoring Report
Title: Semiannual Groundwater Monitoring Report, 2nd Half 2013, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitysite documents\media108914\2014 0210 Gasco 2013 H2 GW Rpt_final.pdf

iHEER System - Documents

Date : Feb 12, 2014
Document No: 19886
Type: Monitoring Report
Title: Semiannual Groundwater Monitoring Report, 2nd Half 2013, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitysite documents\media108914\All Appendices.pdf

iHEER System - Documents

Date : Feb 12, 2014
Document No: 19883
Type: Monitoring Report
Title: Semiannual Groundwater Monitoring Report, 2nd Half 2013, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitysite documents\media108914\All Tables.pdf

iHEER System - Documents

Date : Feb 12, 2014
Document No: 19885
Type: Monitoring Report
Title: Semiannual Groundwater Monitoring Report, 2nd Half 2013, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitysite documents\media108914\All Figures.pdf

iHEER System - Documents

Date : Dec 28, 2000
Document No: 6025
Type: Agreement
Title: Settlement Agreement and Release
Imported From: 119677#\Heersharepoint1\facilitysite%20documents\119677.pdf

iHEER System - Documents

Date : Mar 9, 2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			25513			
Type:			Undetermined			
Title:			Shutdown of IAS/SVE System, Former GASCO Site, 432 Pacific St, Honolulu HI			
Imported From:			3856#\Heersharepoint1\facilitiesite%20documents\3856.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 29, 2009			
Document No:			6396			
Type:			Undetermined			
Title:			Site Photos			
Imported From:			126376#\Heersharepoint1\facilitiesite%20documents\126376.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 9, 2018			
Document No:			6012			
Type:			Undetermined			
Title:			Site Preparation Request for Redevelopment of 616 Iwilei Road Property, Honolulu HI			
Imported From:			\facilitiesite documents\media130850\HDOH letter 02092018.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 3, 2018			
Document No:			19762			
Type:			Undetermined			
Title:			Site Preparation using In-Situ Chemical Oxidation Injections for Redevelopment of 616 Iwilei Road Property, Honolulu HI			
Imported From:			131073#\Heersharepoint1\facilitiesite%20documents\131073.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 21, 1990			
Document No:			6512			
Type:			Undetermined			
Title:			Site Reconnaissance Interview and Observations Report			
Imported From:			36409#\Heersharepoint1\facilitiesite%20documents\36409.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2020			
Document No:			172999			
Type:			Monitoring Report			
Title:			Soil Gas and Indoor Air Monitoring at the Dole Cannery Building Revision 3. Final			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2020			
Document No:			172998			
Type:			Monitoring Report			
Title:			Soil Gas and Indoor Air Monitoring at the Dole Cannery Building Revision 3. Final_submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 12, 2018			
Document No:			25464			
Type:			Monitoring Report			
Title:			Soil Gas and Indoor Air Monitoring Results at the Dole Cannery Building			
Imported From:			133830.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 21, 2009
Document No: 5991
Type: Monitoring Report
Title: 3rd Quarter 2008 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, TMK 1-1-5-012-020, 21 Jan 2009
Imported From: 58715#\Heersharepoint1\facilitiesite%20documents\58715.pdf

iHEER System - Documents

Date : Dec 3, 2009
Document No: 4808
Type: Monitoring Report
Title: 3rd Quarter 2009 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI
Imported From: 61809#\Heersharepoint1\facilitiesite%20documents\61809.pdf

iHEER System - Documents

Date : Dec 3, 2009
Document No: 19821
Type: Monitoring Report
Title: 3rd Quarter 2009 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI, 3 Dec 2009
Imported From: \facilitiesite documents\media61810\Q3 2009 GW Rpt rev1-Complete.pdf

iHEER System - Documents

Date : Feb 12, 2010
Document No: 13764
Type: Monitoring Report
Title: 3rd Quarter 2009 Groundwater Monitoring Report, Revision 1, 616 Iwilei Rd, Honolulu HI
Imported From: 62502#\Heersharepoint1\facilitiesite%20documents\62502.pdf

iHEER System - Documents

Date : Feb 12, 2010
Document No: 19817
Type: Monitoring Report
Title: 3rd Quarter 2009 Groundwater Monitoring Report, Revision 1, 616 Iwilei Rd, Honolulu HI, 12 Feb 2010
Imported From: \facilitiesite documents\media62503\Q3 2009 GW Rpt rev1-Complete.pdf

iHEER System - Documents

Date : Dec 15, 2010
Document No: 25438
Type: Monitoring Report
Title: 3rd Quarter 2010 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, 15 Dec 2010
Imported From: 93709#\Heersharepoint1\facilitiesite%20documents\93709.pdf

iHEER System - Documents

Date : Oct 19, 2000
Document No: 25410
Type: Undetermined
Title: 432 Pacific St/616 Iwilei Rd, Honolulu HI
Imported From: 134#\Heersharepoint1\facilitiesite%20documents\134.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Feb 27, 2003
Document No: 6510
Type: Monitoring Report
Title: 4th Quarter 2002 Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI
Imported From: 36431#\Heersharepoint1\facilitiesite%20documents\36431.pdf

iHEER System - Documents

Date : Mar 17, 2004
Document No: 25448
Type: Monitoring Report
Title: 4th Quarter 2003 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36457#\Heersharepoint1\facilitiesite%20documents\36457.pdf

iHEER System - Documents

Date : Mar 17, 2004
Document No: 6990
Type: Monitoring Report
Title: 4th Quarter 2003 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 514#\Heersharepoint1\facilitiesite%20documents\514.pdf

iHEER System - Documents

Date : Feb 23, 2005
Document No: 25498
Type: Monitoring Report
Title: 4th Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 36478#\Heersharepoint1\facilitiesite%20documents\36478.pdf

iHEER System - Documents

Date : Feb 21, 2006
Document No: 6488
Type: Monitoring Report
Title: 4th Quarter 2005 Groundwater Monitoring Report, Former GASCO Site Iwilei District 432 Pacific St, Honolulu HI
Imported From: 36489#\Heersharepoint1\facilitiesite%20documents\36489.pdf

iHEER System - Documents

Date : Feb 21, 2006
Document No: 25510
Type: Monitoring Report
Title: 4th Quarter 2005 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI
Imported From: 3788#\Heersharepoint1\facilitiesite%20documents\3788.pdf

iHEER System - Documents

Date : Feb 28, 2007
Document No: 25444
Type: Monitoring Report
Title: 4th Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36495#\Heersharepoint1\facilitiesite%20documents\36495.pdf

iHEER System - Documents

Date : May 1, 2009
Document No: 6007
Type: Monitoring Report
Title: 4th Quarter 2008 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, TMK 1-1-5-

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :			Sep 30, 2010			
Document No:			5066			
Type:			Undetermined			
Title:			616 Iwilei Road Incident 20100910-1350			
Imported From:			93016#\Heersharepoint1\facilitiesite%20documents\93016.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 30, 1991			
Document No:			25424			
Type:			Undetermined			
Title:			7/30/1991			
Imported From:			167#\Heersharepoint1\facilitiesite%20documents\167.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 5, 1987			
Document No:			25426			
Type:			Undetermined			
Title:			8/05/1987			
Imported From:			169#\Heersharepoint1\facilitiesite%20documents\169.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 9, 2004			
Document No:			25492			
Type:			Review Letter			
Title:			Acceptance of Revised Data Gaps Analysis Report			
Imported From:			51176#\Heersharepoint1\facilitiesite%20documents\51176.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 5, 2003			
Document No:			6385			
Type:			Review Letter			
Title:			Acradis G&M's Soil Vapor Sampling at the Former BHP/GASCO Site, 432 Pacific St, Honolulu Hawaii			
Imported From:			126353#\Heersharepoint1\facilitiesite%20documents\126353.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 20, 2004			
Document No:			19307			
Type:			Undetermined			
Title:			Actual Date of Startup Noncovered Source Permit (NSP) No 0551-01-N Soil Vapor Extraction and Treatment System located at 432 Pacific St			
Imported From:			1628#\Heersharepoint1\facilitiesite%20documents\1628.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 24, 2003			
Document No:			6359			
Type:			Undetermined			
Title:			Addendum No 2, Revised Plan for Remediation, Former GASCO Site, Honolulu Hawaii			
Imported From:			126360#\Heersharepoint1\facilitiesite%20documents\126360.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jun 14, 2002			
Document No:			6961			
Type:			Undetermined			
Title:			Addendum to Pilot Study Work Plan, ACE Technology Application, Former GASCO Site, Iwilei District, 432 Pacific Ave, Honolulu HI			
Imported From:			36419#\Heersharepoint1\facilitiesite%20documents\36419.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2003			
Document No:			25411			
Type:			Undetermined			
Title:			Addendum to the Revised Plan for Remediation Former GASCO Site			
Imported From:			196#\Heersharepoint1\facilitiesite%20documents\196.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 18, 2014			
Document No:			19887			
Type:			Undetermined			
Title:			Addendum: Injections of Activated Persulfate in Pacific St, Former GASCO Facility, 616 Iwilei Rd, Honolulu, Oahu			
Imported From:			108973.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 18, 2014			
Document No:			19888			
Type:			Undetermined			
Title:			Addendum: Injections of Activated Persulfate in Pacific St, Former GASCO Facility, 616 Iwilei Rd, Honolulu, Oahu			
Imported From:			\facilitiesite documents\media108973\20140903122327386.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 6, 2003			
Document No:			6381			
Type:			Comment Letter			
Title:			Additional Comments, Acradis G&M's Soil Vapor Sampling at the Former BHP/GASCO Site, 432 Pacific St, Honolulu Hawaii			
Imported From:			126354#\Heersharepoint1\facilitiesite%20documents\126354.pdf			
<u>iHEER System - Documents</u>						
Date :			May 20, 2003			
Document No:			6363			
Type:			Undetermined			
Title:			Agenda information			
Imported From:			\facilitiesite documents\media126377\July 17, 2007.PDF			
<u>iHEER System - Documents</u>						
Date :			Jul 27, 2007			
Document No:			19870			
Type:			Undetermined			
Title:			Re: Castle & Cooke Properties Inc			
Imported From:			119679#\Heersharepoint1\facilitiesite%20documents\119679.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 22, 2005			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			6963			
Type:			Undetermined			
Title:			Destruction Efficiency Removal, Noncovered Source Permit No 0551-01-N, Soil Vapor Extraction and Treatment System			
Imported From:			127609#\Heersharepoint1\facilitiesite%20documents\127609.pdf			
<u>iHEER System - Documents</u>						
Date :			May 21, 2003			
Document No:			6451			
Type:			Undetermined			
Title:			Detailed comments on Remediation of the GASCO site			
Imported From:			50526#\Heersharepoint1\facilitiesite%20documents\50526.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 7, 2004			
Document No:			25433			
Type:			Remedial Investigation Work Plan			
Title:			Deviation from Revised Remedial Investigation Work Plan, Former GASCO Site, 432 Pacific St, Honolulu HI			
Imported From:			1871#\Heersharepoint1\facilitiesite%20documents\1871.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 23, 2004			
Document No:			6380			
Type:			Comment Letter			
Title:			DOH response to Interim Response Action Construction Report			
Imported From:			2004-112#Q:\2004 Final Correspondence (Day File)\04-112-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2013			
Document No:			7020			
Type:			Remedial Action Completion Work Plan			
Title:			Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI Mar 29, 2013			
Imported From:			\facilitiesite documents\media103210\Appendix A Validated Data.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2013			
Document No:			171968			
Type:			Remedial Action Completion Work Plan			
Title:			Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI Mar 29, 2013			
Imported From:			\facilitiesite documents\media103210\Appendix B Field Forms.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2013			
Document No:			7021			
Type:			Remedial Action Completion Work Plan			
Title:			Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI Mar 29, 2013			
Imported From:			\facilitiesite documents\media103210\Appendix C HASP.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 11, 2016			
Document No:			19875			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Removal Action Work Plan	
Title:					Dole Cannery Building, Suite 105 Horizontal Extraction Well System Expansion Work Plan, Former GASCO Facility / Dole Cannery Building, 616/650 Iwilei Rd, Honolulu HI	
Imported From:					\\facilitysite documents\media118691\DCB HEW expansion WP- production-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 11, 2008	
Document No:					25497	
Type:					Monitoring Report	
Title:					Draft 1st Quarter 2008 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI	
Imported From:					36503#\Heersharepoint1\facilitysite%20documents\36503.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 11, 2008	
Document No:					6008	
Type:					Monitoring Report	
Title:					Draft 1st Quarter 2008 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI	
Imported From:					8108#\Heersharepoint1\facilitysite%20documents\8108.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 28, 2023	
Document No:					203518	
Type:					Monitoring Report	
Title:					Draft 2022 Long-Term Monitoring Report, Former GASCO Facility (616 Iwilei Road)	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Dec 1, 2008	
Document No:					5990	
Type:					Monitoring Report	
Title:					Draft 2nd Quarter 2008 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI	
Imported From:					58333#\Heersharepoint1\facilitysite%20documents\58333.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 1, 2008	
Document No:					6425	
Type:					Monitoring Report	
Title:					Draft 2nd Quarter 2008 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					58334#\Heersharepoint1\facilitysite%20documents\58334.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 22, 2018	
Document No:					19745	
Type:					Environmental Hazard Management Plan	
Title:					Draft EHMP 616 Iwilei Road Honolulu, Oahu, Hawaii	
Imported From:					\\facilitysite documents\media130236\Draft EHMP with Figures-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 1, 2008	
Document No:					25442	
Type:					Monitoring Report	
Title:					Draft Field Sampling Plan Quarterly Groundwater Monitoring, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI	
Imported From:					36505#\Heersharepoint1\facilitysite%20documents\36505.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 4, 2020
Document No: 173353
Type: Comment Letter
Title: DRAFT Long-Term Monitoring Program Years 2020 to 2039
Imported From:

iHEER System - Documents

Date : Dec 13, 2019
Document No: 172416
Type: Monitoring Report
Title: DRAFT Long-Term Monitoring Program Years 2020 to 2039, Former GASCO Facility 616 Iwilei Road Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Dec 13, 2019
Document No: 172415
Type: Monitoring Report
Title: DRAFT Long-Term Monitoring Program Years 2020 to 2039, Former GASCO Facility 616 Iwilei Road Honolulu, Hawaii_submittal
Imported From:

iHEER System - Documents

Date : Mar 11, 2013
Document No: 7019
Type: Monitoring Report
Title: Groundwater Monitoring Report, 2012, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 102907#\Heersharepoint1\facilitsite%20documents\102907.pdf

iHEER System - Documents

Date : Sep 27, 2011
Document No: 171980
Type: Monitoring Report
Title: Groundwater Monitoring Report, Jan to Jun 2011, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, 27 Sep 2011
Imported From: \facilitsite documents\media96337\Q1-Q2 2011 GW Report Complete.pdf

iHEER System - Documents

Date : Nov 4, 2011
Document No: 171971
Type: Monitoring Report
Title: Groundwater Monitoring Report, Jan to Jun 2011, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Nov 4, 2011
Imported From: \facilitsite documents\media96641\H1 2011 Groundwater Report Complete.pdf

iHEER System - Documents

Date : Jan 17, 2013
Document No: 19765
Type: Monitoring Report
Title: Groundwater Monitoring Report, Jul to Dec 2011, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 101957#\Heersharepoint1\facilitsite%20documents\101957.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : May 26, 2004
Document No: 6956
Type: Undetermined
Title: Groundwater Sampling and Monitoring Plan Former GASCO Site, Mauka of Nimitz Hwy 432 Pacific St, Iwilei District, Honolulu HI
Imported From: 36466#\Heersharepoint1\facilitiesite%20documents\36466.pdf

iHEER System - Documents

Date : Jun 21, 2004
Document No: 25415
Type: Undetermined
Title: Groundwater Sampling and Monitoring Plan, Former GASCO Site, Honolulu
Imported From: 535#\Heersharepoint1\facilitiesite%20documents\535.pdf

iHEER System - Documents

Date : May 26, 2004
Document No: 6496
Type: Undetermined
Title: Groundwater Sampling and Monitoring Plan, Former GASCO Site, Honolulu HI
Imported From: 536#\Heersharepoint1\facilitiesite%20documents\536.pdf

iHEER System - Documents

Date : Mar 16, 2010
Document No: 19835
Type: Undetermined
Title: Groundwater Sampling, Former GASCO facility Honolulu Hawaii
Imported From: 121220#\Heersharepoint1\facilitiesite%20documents\121220.pdf

iHEER System - Documents

Date : Oct 3, 2003
Document No: 6516
Type: Remedial Alternatives Analysis Report
Title: Remedial Alternative Analysis Report, Former GASCO Benzene Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media36438\36438.pdf

iHEER System - Documents

Date : Oct 3, 2003
Document No: 6515
Type: Undetermined
Title: Remedial Alternative Analysis Report, Former GASCO Benzene Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36438#\Heersharepoint1\facilitiesite%20documents\36438.pdf

iHEER System - Documents

Date : Jan 15, 2010
Document No: 19757
Type: Remedial Alternatives Analysis Report
Title: Remedial Alternatives Analysis and Appendices, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitiesite documents\media62188\616 Iwilei RAA 2010 0115.pdf

iHEER System - Documents

Date : Jan 15, 2010
Document No: 19758
Type: Remedial Alternatives Analysis Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Remedial Alternatives Analysis and Appendices, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		\\facilitysite documents\media62188\RAA Appendices.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 24, 2011				
Document No:		26459				
Type:		Remedial Alternatives Analysis Report				
Title:		Remedial Alternatives Analysis, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		94228#\Heersharepoint1\facilitysite%20documents\94228.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 24, 2011				
Document No:		7034				
Type:		Undetermined				
Title:		Remedial Alternatives Analysis, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		94227#\Heersharepoint1\facilitysite%20documents\94227.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 18, 2011				
Document No:		25519				
Type:		Remedial Alternatives Analysis Report				
Title:		Remedial Alternatives Analysis, Former GASCO Facility, 616 Iwilei Rd, Honolulu, Oahu				
Imported From:		94465#\Heersharepoint1\facilitysite%20documents\94465.pdf				
<u>iHEER System - Documents</u>						
Date :		May 23, 2012				
Document No:		19774				
Type:		Remedial Action Completion Work Plan				
Title:		Remedial Design Work Plan, Former GASCO Site 616 Iwilei Rd, Honolulu HI				
Imported From:		99730#\Heersharepoint1\facilitysite%20documents\99730.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 3, 2009				
Document No:		6016				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation Report Appendices, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Apr 2009				
Imported From:		\\facilitysite documents\media59438\616 Final RI April 09.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 21, 2008				
Document No:		6345				
Type:		Undetermined				
Title:		Remedial Investigation Report, 616 Iwilei Rd, Honolulu Hawaii				
Imported From:		121215#\Heersharepoint1\facilitysite%20documents\121215.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 10, 2009				
Document No:		6005				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		58913#\Heersharepoint1\facilitysite%20documents\58913.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Nov 24, 2008			
Document No:			6430			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI			
Imported From:			58202#\Heersharepoint1\facilitiesite%20documents\58202.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 3, 2009			
Document No:			6011			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Apr 1, 2009			
Imported From:			59437#\Heersharepoint1\facilitiesite%20documents\59437.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 25, 2007			
Document No:			25576			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation Report, Former GASCO Site, 432 Pacific St, Honolulu HI			
Imported From:			6535#\Heersharepoint1\facilitiesite%20documents\6535.pdf			
<u>iHEER System - Documents</u>						
Date :			May 26, 2004			
Document No:			25504			
Type:			Remedial Investigation Work Plan			
Title:			Remedial Investigation Work Plan, Former GASCO Site Mauka of Nimitz Hwy 432 Pacific St - Iwilei District, Honolulu HI			
Imported From:			36465#\Heersharepoint1\facilitiesite%20documents\36465.pdf			
<u>iHEER System - Documents</u>						
Date :			May 26, 2004			
Document No:			25407			
Type:			Remedial Investigation Work Plan			
Title:			Remedial Investigation Work Plan, Former GASCO Site, Honolulu HI			
Imported From:			1050#\Heersharepoint1\facilitiesite%20documents\1050.pdf			
<u>iHEER System - Documents</u>						
Date :			May 26, 2004			
Document No:			25408			
Type:			Remedial Investigation Work Plan			
Title:			Remedial Investigation Work Plan, Former GASCO Site, Honolulu HI			
Imported From:			\facilitiesite documents\media1050\1050.pdf			
<u>iHEER System - Documents</u>						
Date :			May 18, 2007			
Document No:			26797			
Type:			Undetermined			
Title:			Remediation History and Plans for the GASCO Iwilei Site			
Imported From:			6290#\Heersharepoint1\facilitiesite%20documents\6290.pdf			
<u>iHEER System - Documents</u>						
Date :			May 23, 2008			
Document No:			19305			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title: Imported From:					Remediation of GASCO Plume Impacts on the Former ConocoPhillips Terminal, Iwilei, Oahu 7669#\Heersharepoint1\facilitysite%20documents\7669.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Apr 3, 2008 19812 Undetermined Remediation of GASCO Plume Impacts on the Former ConocoPhillips Terminal, Iwilei, Oahu 7480#\Heersharepoint1\facilitysite%20documents\7480.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Jun 26, 2022 196559 Land Use Control Implementation Plan Draft Long-Term Monitoring Program Years 2022 to 2039 Final Former GASCO Facility (616 Iwilei Road) and Partial Dole Cannery Building (650 Iwilei Road) Honolulu, Hawaii	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Mar 17, 2010 19828 Undetermined Draft Public Participation Plan, Former GASCO Site 616 Iwilei Rd, Honolulu HI, 17 Mar 2010 62735#\Heersharepoint1\facilitysite%20documents\62735.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Dec 4, 2003 25500 Undetermined Draft Quality Assurance Project Plan, Former GASCO Site, 432 Pacific St, Iwilei District, Honolulu HI, Prepared for Citizens Communications Company 36470#\Heersharepoint1\facilitysite%20documents\36470.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Jun 20, 2011 6985 Response Action Memorandum Draft RAM, Former GASCO Site, 616 Iwilei Rd, Honolulu HI 95377#\Heersharepoint1\facilitysite%20documents\95377.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Jun 13, 2011 6988 Response Action Memorandum Draft RAM, Former GASCO Site, 616 Iwilei Rd, Honolulu HI 95336#\Heersharepoint1\facilitysite%20documents\95336.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Sep 12, 2008 25440 Remedial Investigation Report Draft Remedial Investigation Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI \facilitysite documents\media36504\Appendix C_js_v2.xls	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 12, 2008
Document No: 25441
Type: Remedial Investigation Report
Title: Draft Remedial Investigation Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: \facilitysite documents\media36504\DRAFT RI Report.pdf

iHEER System - Documents

Date : Feb 27, 2009
Document No: 6018
Type: Comment Letter
Title: Draft RI comments
Imported From: 59089#\Heersharepoint1\facilitysite%20documents\59089.pdf

iHEER System - Documents

Date : Oct 1, 2008
Document No: 19748
Type: Monitoring Report
Title: Draft SAP, Quarterly Groundwater Monitoring 616 Iwilei Rd, Honolulu HI
Imported From: 8301#\Heersharepoint1\facilitysite%20documents\8301.pdf

iHEER System - Documents

Date : Nov 23, 2022
Document No: 200092
Type: Response to Comments
Title: Responses to Comments on Long-Term Monitoring Report 2021 Final Draft
Imported From:

iHEER System - Documents

Date : Nov 14, 2003
Document No: 6940
Type: Undetermined
Title: Responses to Hawaii Department of Health Request for Missing Documents, Former GASCO Site, Honolulu Hawaii
Imported From: 126356#\Heersharepoint1\facilitysite%20documents\126356.pdf

iHEER System - Documents

Date : Aug 24, 2006
Document No: 25511
Type: Undetermined
Title: Restart of IAS/SVE System and CCPI Soil, Former GASCO Site (Revised) 432 Pacific St, Honolulu HI
Imported From: 5268#\Heersharepoint1\facilitysite%20documents\5268.pdf

iHEER System - Documents

Date : Aug 18, 2006
Document No: 25509
Type: Undetermined
Title: Restart of IAS/SVE System and CCPI Soil, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 5280#\Heersharepoint1\facilitysite%20documents\5280.pdf

iHEER System - Documents

Date : May 20, 2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			6450			
Type:			Review Letter			
Title:			Review and Acceptance of Revised Interim Response Action Construction Report			
Imported From:			2004-222#Q:\2004 Final Correspondence (Day File)\04-222-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 19, 2009			
Document No:			19763			
Type:			Comment Letter			
Title:			Review and approval 1st 1/4 09 Monitoring Report			
Imported From:			2009-327#Q:\2009 Final Correspondence (Day File)\09-327-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2007			
Document No:			19861			
Type:			Review Letter			
Title:			Review and approval 3rd quarter 2007 Monitoring Report			
Imported From:			2007-819#Q:\2007 Final Correspondence (Day File)\07-819-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 25, 2007			
Document No:			19868			
Type:			Review Letter			
Title:			Review and approval of 1st quarter 07 GW Monitoring Report			
Imported From:			2007-401#Q:\2007 Final Correspondence (Day File)\07-401-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 14, 2009			
Document No:			6426			
Type:			Review Letter			
Title:			Review and approval of 1st Quarter 2008 Groundwater Monitoring Report, Revision 2			
Imported From:			2009-021#Q:\2009 Final Correspondence (Day File)\09-021-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 10, 2007			
Document No:			19863			
Type:			Review Letter			
Title:			Review and approval of 2nd quarter 07 groundwater Monitoring Report			
Imported From:			2007-642#Q:\2007 Final Correspondence (Day File)\07-642-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2009			
Document No:			6432			
Type:			Review Letter			
Title:			Review and approval of 2nd quarter 2008 Monitoring Report			
Imported From:			58603#\Heersharepoint1\facilitiesite%20documents\58603.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 24, 2010			
Document No:			19818			
Type:			Review Letter			
Title:			Review and approval of 3rd quarter 2009 GWM report			
Imported From:			2010-139#Q:\2010 Final Correspondence (Day File)\10-139-MS.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 10, 1991
Document No: 19831
Type: Undetermined
Title: H-8-1, EPA ID MID 982392367, U.S. EPA Preliminary Site Assessment Report for GASCO Inc ("GASCO") Site
Imported From: 537#\Heersharepoint1\facilitiesite%20documents\537.pdf

iHEER System - Documents

Date : Feb 28, 1980
Document No: 6397
Type: Undetermined
Title: Hazardous Waste Storage and Disposal Survey
Imported From: 126374#\Heersharepoint1\facilitiesite%20documents\126374.pdf

iHEER System - Documents

Date : Jan 3, 2003
Document No: 25506
Type: Undetermined
Title: Health and Safety Plan, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36471#\Heersharepoint1\facilitiesite%20documents\36471.pdf

iHEER System - Documents

Date : Aug 1, 1958
Document No: 171959
Type: Undetermined
Title: Historical Photographs and Information from Gasco
Imported From: \facilitiesite documents\media136868\Historical Photos and Info from Gasco.pdf

iHEER System - Documents

Date : Jan 22, 2001
Document No: 25423
Type: Undetermined
Title: Honolulu Gas Company Ltd ("GASCO")/BHP Hawaii Inc, Former Manufactured Gas Plant at 616 Iwilei/432 Pacific St
Imported From: 588#\Heersharepoint1\facilitiesite%20documents\588.pdf

iHEER System - Documents

Date : Dec 5, 2002
Document No: 6393
Type: Undetermined
Title: IAS Design Test Memorandum Former GASCO Benzene Site Mauka of Nimitz Hwy 432 Pacific St-Iwilei District, Honolulu HI
Imported From: 36433#\Heersharepoint1\facilitiesite%20documents\36433.pdf

iHEER System - Documents

Date : Jul 25, 2003
Document No: 6497
Type: Undetermined
Title: IAS Design Test Summary Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36444#\Heersharepoint1\facilitiesite%20documents\36444.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jan 20, 2011				
Document No:		7046				
Type:		Undetermined				
Title:		In Situ Chemical Oxidation Effectiveness, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		94310#\Heersharepoint1\facilitiesite%20documents\94310.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2010				
Document No:		25569				
Type:		Undetermined				
Title:		Incident Report 10 Sep 2010, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		93386#\Heersharepoint1\facilitiesite%20documents\93386.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 2, 2005				
Document No:		6941				
Type:		Undetermined				
Title:		Initiation of Operation using Catalyst, Noncovered Source Permit No 0551-01-N, Former GASCO Site, 432 Pacific St, Honolulu Hawaii				
Imported From:		127611#\Heersharepoint1\facilitiesite%20documents\127611.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 4, 2010				
Document No:		19805				
Type:		Undetermined				
Title:		Inspection of GASCO Site After ISCO Explosion				
Imported From:		2010-632#Q:\2010 Final Correspondence (Day File)\10-632-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 27, 2006				
Document No:		25579				
Type:		Undetermined				
Title:		Installation of Three Intermediate Zone Monitoring Wells and Completion of Remedial Investigation Field Activities, Former GASCO Site, Honolulu HI				
Imported From:		4844#\Heersharepoint1\facilitiesite%20documents\4844.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 18, 2004				
Document No:		17032				
Type:		Undetermined				
Title:		Interim Response Action Construction Report, Former GASCO Site, 432 Pacific St - Iwilei District				
Imported From:		649#\Heersharepoint1\facilitiesite%20documents\649.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 16, 2004				
Document No:		6504				
Type:		Response Action Report				
Title:		Interim Response Action Construction Report, Former GASCO Site, 432 Pacific St - Iwilei District				
Imported From:		\facilitiesite documents\media36451\Appendix K.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 16, 2004				
Document No:		6503				
Type:		Response Action Report				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Interim Response Action Construction Report, Former GASCO Site, 432 Pacific St - Iwilei District				
Imported From:		36451#\Heersharepoint1\facilitiesite%20documents\36451.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 16, 2004				
Document No:		6475				
Type:		Undetermined				
Title:		Interim Response Action Construction Report, Former GASCO Site, Mauka of Nimitz Hwy 432 Pacific St - Iwilei District. Vol 2				
Imported From:		36453#\Heersharepoint1\facilitiesite%20documents\36453.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 17, 2010				
Document No:		19857				
Type:		Undetermined				
Title:		ISCO Remedial Approach and Vapor Extraction System Explosion, Former GASCO Manufactured Gas Plant Facility, 616 Iwilei Rd, Honolulu HI				
Imported From:		92852#\Heersharepoint1\facilitiesite%20documents\92852.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 20, 1989				
Document No:		25419				
Type:		Undetermined				
Title:		Iwilei Gas Plant				
Imported From:		673#\Heersharepoint1\facilitiesite%20documents\673.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 11, 2005				
Document No:		19309				
Type:		Undetermined				
Title:		Jan through Jun 2005 Air Permit Compliance Report, Former GASCO Site, Honolulu HI				
Imported From:		3045#\Heersharepoint1\facilitiesite%20documents\3045.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 13, 2013				
Document No:		6028				
Type:		Review Letter				
Title:		Review of: Semi-Annual Groundwater Monitoring Report, First Half 2013, 27 Aug 2013, by Weston Solutions, Inc				
Imported From:		2013-574#Q:\2013 Final Correspondence (Day File)\13-574-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 3, 2008				
Document No:		6339				
Type:		Undetermined				
Title:		Remediation of GASCO Plume Impacts on the Former ConocoPhillips Terminal, Iwilei, Oahu				
Imported From:		121209#\Heersharepoint1\facilitiesite%20documents\121209.pdf				
<u>iHEER System - Documents</u>						
Date :		May 6, 2008				
Document No:		19389				
Type:		Undetermined				
Title:		Remediation of GASCO Plume Impacts on the Former ConocoPhillips Terminal, Iwilei, Oahu				
Imported From:		7594#\Heersharepoint1\facilitiesite%20documents\7594.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 18, 2004
Document No: 6520
Type: Undetermined
Title: Replacement Figure 9, Revised IWP, Feb 6, 2004
Imported From: 127605#\Heersharepoint1\facilitiesite%20documents\127605.pdf

iHEER System - Documents

Date : Sep 2, 2005
Document No: 6969
Type: Monitoring Report
Title: Replacement pages for Second Quarter Groundwater Monitoring Report
Imported From: 127612#\Heersharepoint1\facilitiesite%20documents\127612.pdf

iHEER System - Documents

Date : Oct 14, 2003
Document No: 25406
Type: Monitoring Report
Title: Replacement Table 6, 2nd Quarter Groundwater Monitoring Report
Imported From: 1055#\Heersharepoint1\facilitiesite%20documents\1055.pdf

iHEER System - Documents

Date : Apr 10, 1991
Document No: 25565
Type: Undetermined
Title: Request for clarification
Imported From: 47183#\Heersharepoint1\facilitiesite%20documents\47183.pdf

iHEER System - Documents

Date : Oct 5, 2006
Document No: 6473
Type: Undetermined
Title: Request for Extension of Shutdown Interval, Rebound Study of IAS/SVE System, Former Gasco Site, Honolulu Hawaii
Imported From: 126378#\Heersharepoint1\facilitiesite%20documents\126378.pdf

iHEER System - Documents

Date : Jan 19, 2006
Document No: 6467
Type: Review Letter
Title: Review and approval of passive diffusion bags for monitoring
Imported From: 2006-028#Q:\2006 Final Correspondence (Day File)\06-028-MS.pdf

iHEER System - Documents

Date : May 15, 2007
Document No: 19890
Type: Review Letter
Title: Review and Approval of Revised WP
Imported From: 2007-313#Q:\2007 Final Correspondence (Day File)\07-313-MS.pdf

iHEER System - Documents

Date : Apr 8, 2009

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			6014			
Type:			Review Letter			
Title:			Review and approval of RI			
Imported From:			59482#\Heersharepoint1\facilitysite%20documents\59482.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 29, 2010			
Document No:			19826			
Type:			Review Letter			
Title:			Review and approval of the Field Optimization Phase Work Plan			
Imported From:			2010-204#Q:\2010 Final Correspondence (Day File)\10-204-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 26, 2010			
Document No:			19830			
Type:			Review Letter			
Title:			Review and Approval SAP Revision 2			
Imported From:			62565#\Heersharepoint1\facilitysite%20documents\62565.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2009			
Document No:			6010			
Type:			Comment Letter			
Title:			Review and comment 3rd quarter 08 Monitoring Report			
Imported From:			2009-062#Q:\2009 Final Correspondence (Day File)\09-062-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 19, 2009			
Document No:			6352			
Type:			Comment Letter			
Title:			Review and comment CCPI Work Plan			
Imported From:			2009-326#Q:\2009 Final Correspondence (Day File)\09-326-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 24, 2010			
Document No:			19814			
Type:			Comment Letter			
Title:			Review and comment Field Optimization WP			
Imported From:			2010-199#Q:\2010 Final Correspondence (Day File)\10-199-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 21, 2009			
Document No:			19749			
Type:			Comment Letter			
Title:			Review and Comment on exit strategy			
Imported From:			2009-337#Q:\2009 Final Correspondence (Day File)\09-337-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2009			
Document No:			19842			
Type:			Comment Letter			
Title:			Review and comment on ISCO Pilot Test Report			
Imported From:			60433#\Heersharepoint1\facilitysite%20documents\60433.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 5, 2009
Document No: 6015
Type: Review Letter
Title: Review and comment on SAP
Imported From: 2009-149#Q:\2009 Final Correspondence (Day File)\09-149-MS.pdf

iHEER System - Documents

Date : Apr 12, 2007
Document No: 6460
Type: Comment Letter
Title: Review and comment on Soil Investigation Work Plan
Imported From: 2007-228#Q:\2007 Final Correspondence (Day File)\07-228-MS.pdf

iHEER System - Documents

Date : Mar 31, 2010
Document No: 19813
Type: Review Letter
Title: Review and comment public participation program
Imported From: 2010-218#Q:\2010 Final Correspondence (Day File)\10-218-MS.pdf

iHEER System - Documents

Date : Dec 24, 2002
Document No: 6395
Type: Review Letter
Title: Review od IAS Design Test Memorandum, dated Dec 5, 2002
Imported From: 126347#\Heersharepoint1\facilitiesite%20documents\126347.pdf

iHEER System - Documents

Date : Apr 29, 2022
Document No: 184261
Type: Review Letter
Title: Review of : Long-Term Monitoring Report, 2nd Half 2020, Revision 2 Dated March 2022.
Imported From:

iHEER System - Documents

Date : Aug 30, 2021
Document No: 180838
Type: Comment Letter
Title: Review of : Response to Comments: Review of Draft Long-Term Monitoring Report, 2nd Half 2020, Dated April 2021. Letter dated June 02, 2021, File: 179955 IV
Imported From:

iHEER System - Documents

Date : Jun 7, 2006
Document No: 6463
Type: Comment Letter
Title: Review of 1st Quarter 06 Monitoring Report
Imported From: 2006-348#Q:\2006 Final Correspondence (Day File)\06-348-MS.pdf

iHEER System - Documents

Date : Jun 2, 2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			6354			
Type:			Comment Letter			
Title:			Review of 1st Quarter 2005 Monitoring Report			
Imported From:			2005-291#Q:\2005 Final Correspondence (Day File)\05-291-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2005			
Document No:			6464			
Type:			Comment Letter			
Title:			Review of 2nd 1/4 05 Monitoring Report			
Imported From:			2005-455#Q:\2005 Final Correspondence (Day File)\05-455-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 29, 2006			
Document No:			6457			
Type:			Comment Letter			
Title:			Review of 2nd Quarter 2006 Monitoring Report			
Imported From:			2006-526#Q:\2006 Final Correspondence (Day File)\06-526-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 30, 2018			
Document No:			25484			
Type:			Review Letter			
Title:			Review of: Semi-Annual Groundwater Monitoring Report, First Half 2018, Former GASCO Facility, 616 Iwilei Road, Honolulu Hawaii by Weston Solutions on September 26, 2018.			
Imported From:			2018-374#Q:\2018 Final Correspondence (Day File)\18-374 IV.PDF			
<u>iHEER System - Documents</u>						
Date :			Feb 12, 2020			
Document No:			173133			
Type:			Comment Letter			
Title:			Review Of: Semi-Annual Groundwater Monitoring Report, First Half 2019, Dated December 2019.			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Mar 4, 2015			
Document No:			6945			
Type:			Review Letter			
Title:			Review of: Semi-Annual Groundwater Monitoring Report, Second Half 2014, 24 Feb 2015, by Weston Solutions, Inc			
Imported From:			2015-110#Q:\2015 Final Correspondence (Day File)\15-110-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 19, 2019			
Document No:			170444			
Type:			Comment Letter			
Title:			Review Of: Soil Gas and Indoor Air Monitoring at the Dole Cannery Building Revision 1			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Sep 5, 2007			
Document No:			19859			
Type:			Comment Letter			
Title:			Review on the Remedial Investigation Report for the Former BHP/GASCO Site			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		119678#\Heersharepoint1\facilitiesite%20documents\119678.pdf				
<u>iHEER System - Documents</u>						
Date :	Jan 8, 2004					
Document No:	6375					
Type:	Review Letter					
Title:	Revised Air Monitoring Summary Report for Background Sampling and Design Test					
Imported From:	2004-007#Q:\2004 Final Correspondence (Day File)\04-007-MS.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 6, 2004					
Document No:	25425					
Type:	Monitoring Report					
Title:	Revised Air Monitoring Summary Report for Background Sampling and Design Test, Former GASCO Site, Iwilei District, 432 Pacific St					
Imported From:	1192#\Heersharepoint1\facilitiesite%20documents\1192.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 6, 2004					
Document No:	6476					
Type:	Undetermined					
Title:	Revised Air Monitoring Summary Report for Background Sampling and Design Test, Former GASCO Site, Mauka of Nimitz Hwy, 432 Pacific St-Iwilei District, Honolulu HI, Submitted on behalf of Citizens Communications Company					
Imported From:	36447#\Heersharepoint1\facilitiesite%20documents\36447.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 5, 2004					
Document No:	25432					
Type:	Undetermined					
Title:	Revised Data Gap Analysis Report, 8/04/04, Former GASCO Site, Iwilei District, 432 Pacific St					
Imported From:	1694#\Heersharepoint1\facilitiesite%20documents\1694.pdf					
<u>iHEER System - Documents</u>						
Date :	Aug 4, 2004					
Document No:	25505					
Type:	Undetermined					
Title:	Revised Data Gap Analysis Report, Former GASCO Site Iwilei District 432 Pacific St, Honolulu HI					
Imported From:	\facilitiesite documents\media36473\REVISED DATA GAP REPORT FINAL[8-4-04].pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 13, 2004					
Document No:	25435					
Type:	Undetermined					
Title:	Revised Data Gap Analysis Report, Former GASCO Site, Honolulu HI					
Imported From:	1592#\Heersharepoint1\facilitiesite%20documents\1592.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 13, 2004					
Document No:	25502					
Type:	Undetermined					
Title:	Revised Data Gap Analysis, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI. Prepared for: BHP Hawaii, Inc					
Imported From:	36479#\Heersharepoint1\facilitiesite%20documents\36479.pdf					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 24, 2013
Document No: 5995
Type: Removal Action Work Plan
Title: Revised Dole Cannery Building Suite 105 Horizontal Extraction Well Installation Work Plan, Former GASCO Facility/Dole Cannery Building, 616/650 Iwilei Rd, Honolulu HI
Imported From: 107245#\Heersharepoint1\facilitiesite%20documents\107245.pdf

iHEER System - Documents

Date : Oct 24, 2013
Document No: 171965
Type: Remedial Action Completion Work Plan
Title: Revised Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building, 616/650 Iwilei Rd, Honolulu HI
Imported From: \facilitiesite documents\media107246\Final Work Plan Complete.pdf

iHEER System - Documents

Date : Jul 18, 2007
Document No: 6383
Type: Undetermined
Title: Revised Environmental Risk Assessment, Former GASCO Site, 432 Oacific St, Honolulu Hawaii
Imported From: 126387#\Heersharepoint1\facilitiesite%20documents\126387.pdf

iHEER System - Documents

Date : Jun 4, 2007
Document No: 6489
Type: Environmental Assessment
Title: Revised Environmental Risk Assessment, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 36498#\Heersharepoint1\facilitiesite%20documents\36498.pdf

iHEER System - Documents

Date : Jul 30, 2007
Document No: 26463
Type: Environmental Assessment
Title: Revised Environmental Risk Assessment, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: \facilitiesite documents\media6562\Report-Complete.pdf

iHEER System - Documents

Date : Mar 29, 2009
Document No: 5167
Type: Undetermined
Title: Revised Exit Strategy, and Response to Comments, 616 Iwilei Rd, Honolulu, Oahu
Imported From: \facilitiesite documents\media60017\Exit Strategy revised 2 June 2009-Complete.pdf

iHEER System - Documents

Date : Jul 3, 2009
Document No: 26532
Type: Undetermined
Title: Revised Exit Strategy, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 60206#\Heersharepoint1\facilitiesite%20documents\60206.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Nov 16, 2022
Document No: 200087
Type: Land Use Control Implementation Plan
Title: Revised Final Draft Long-Term Monitoring Program
Imported From:

iHEER System - Documents

Date : Oct 12, 2018
Document No: 25465
Type: Monitoring Report
Title: Soil Gas and Indoor Air Monitoring Results at the Dole Cannery Building
Imported From: \facilitysite documents\media133830\Lab reports combined.pdf

iHEER System - Documents

Date : Jan 15, 2004
Document No: 25427
Type: Undetermined
Title: Soil Gas Probe Analytical Results for Samples Collected During the 4th Quarter 2003, Former GASCO Site, Honolulu HI
Imported From: 1248#\Heersharepoint1\facilitysite%20documents\1248.pdf

iHEER System - Documents

Date : Apr 10, 2007
Document No: 6361
Type: Undetermined
Title: Soil Investigation Work Plan, Former GASCO Facility, Honolulu Hawaii
Imported From: 126382#\Heersharepoint1\facilitysite%20documents\126382.pdf

iHEER System - Documents

Date : Apr 12, 2007
Document No: 6965
Type: Undetermined
Title: Soil Investigation Work Plan, Former GASCO Facility, Honolulu HI
Imported From: 126383#\Heersharepoint1\facilitysite%20documents\126383.pdf

iHEER System - Documents

Date : Oct 30, 2003
Document No: 25487
Type: Undetermined
Title: Subject: Application for an Initial Noncovered Source Permit, Former GASCO Site, 432 Pacific St, Honolulu HI
Imported From: 36459#\Heersharepoint1\facilitysite%20documents\36459.pdf

iHEER System - Documents

Date : Sep 12, 2008
Document No: 26796
Type: Undetermined
Title: Submittal of Remedial Investigation Report
Imported From: \facilitysite documents\media8116\20140902141825519.pdf

iHEER System - Documents

Date : Apr 1, 2007
Document No: 6362
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Suggested Approach for BHP/Arcadis to Address Soil, Soil Vapor and Groundwater Contamination on castle & Cooke Property Originating from GASCO Site	
Imported From:					126418#\Heersharepoint1\facilitiesite%20documents\126418.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 28, 2020	
Document No:					19876	
Type:					Undetermined	
Title:					Suggested Approach for BHP/Arcadis to Address Soil, Soil Vapor and Groundwater Contamination on Castle & Cooke Property Originating from the GASCO Site	
Imported From:					119681.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 13, 2002	
Document No:					6491	
Type:					Undetermined	
Title:					Summary of Irrigation Water Quantity Applied to Date, Pilot Study of ACE In-Situ Remediation Technology, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI	
Imported From:					36421#\Heersharepoint1\facilitiesite%20documents\36421.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 22, 2009	
Document No:					19743	
Type:					Undetermined	
Title:					Summary Report, Pilot Study for In-Situ Chemical Oxidation Using a Modified Fenton's Reagent, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, Jul 21, 2009	
Imported From:					\facilitiesite documents\media60371\ISCO Pilot Study Report 2009 0721-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 18, 2003	
Document No:					6980	
Type:					Undetermined	
Title:					Surfactant Effects from Bioremediation	
Imported From:					127603#\Heersharepoint1\facilitiesite%20documents\127603.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 21, 2001	
Document No:					6449	
Type:					Undetermined	
Title:					Technical Memorandum #1: Additional Information on In-Situ Bioremediation using Anaerobic Culture Enhancement Technology, Former Gasco Site, 432 Pacific St, Iwilei District, Honolulu Hawaii	
Imported From:					126340#\Heersharepoint1\facilitiesite%20documents\126340.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 14, 2008	
Document No:					5982	
Type:					Undetermined	
Title:					Technical Review Comments, Draft RI Report, 616 Iwilei Rd, Oct 14, 2008	
Imported From:					121291#\Heersharepoint1\facilitiesite%20documents\121291.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 3, 2008	
Document No:					6387	
Type:					Undetermined	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Termination of ARCADIS' Remediation Services Agreement, Former GASCO Site, 432 Pacific St, Honolulu Hawaii				
Imported From:		126388#\Heersharepoint1\facilitiesite%20documents\126388.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 10, 2004				
Document No:		17427				
Type:		Monitoring Report				
Title:		Text and Figures of Revised 4th Quarter 2003 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu				
Imported From:		1366#\Heersharepoint1\facilitiesite%20documents\1366.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 10, 2004				
Document No:		25517				
Type:		Monitoring Report				
Title:		Text and Figures of Revised 4th Quarter 2003 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI				
Imported From:		36467#\Heersharepoint1\facilitiesite%20documents\36467.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 5, 2010				
Document No:		19854				
Type:		Undetermined				
Title:		The Use of In-situ Chemical Oxidation at the Weston GASCO Site				
Imported From:		2010-635#Q:\2010 Final Correspondence (Day File)\10-635-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 22, 2009				
Document No:		19891				
Type:		Undetermined				
Title:		Third Quarter 2009 Groundwater Sampling, Former GASCO Facility, Honolulu Hawaii				
Imported From:		121225#\Heersharepoint1\facilitiesite%20documents\121225.pdf				
<u>iHEER System - Documents</u>						
Date :		May 22, 2020				
Document No:		175200				
Type:		Undetermined				
Title:		Tier2 Submittal 616 Iwilei Road Honolulu, Oahu				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 3, 2008				
Document No:		19809				
Type:		Undetermined				
Title:		Transfer of Agreement for Remedial Action, Former GASCO Site, Honolulu				
Imported From:		7488#\Heersharepoint1\facilitiesite%20documents\7488.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 13, 2004				
Document No:		25447				
Type:		Undetermined				
Title:		Revised IAS Design Test Summary Report, Former GASCO Site, Makua of Nimitz Hwy, 432 Pacific St-Iwilei District, Honolulu HI, Prepared for Citizens Communications Company				
Imported From:		\facilitiesite documents\media36468\36468.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 13, 2004
Document No: 25446
Type: Undetermined
Title: Revised IAS Design Test Summary Report, Former GASCO Site, Makua of Nimitz Hwy, 432 Pacific St-Iwilei District, Honolulu HI, Prepared for Citizens Communications Company
Imported From: 36468#\Heersharepoint1\facilitiesite%20documents\36468.pdf

iHEER System - Documents

Date : May 13, 2004
Document No: 25445
Type: Response Action Report
Title: Revised Interim Response Action Report, Former GASCO Site, Mauka of Nimitz Hwy 432 Pacific St - Iwilei District, Honolulu HI
Imported From: 36461#\Heersharepoint1\facilitiesite%20documents\36461.pdf

iHEER System - Documents

Date : Nov 23, 2022
Document No: 200094
Type: Monitoring Report
Title: Revised Long-Term Monitoring Report 2021 Final Draft
Imported From:

iHEER System - Documents

Date : Feb 14, 2003
Document No: 6477
Type: Undetermined
Title: Revised Plan for Remediation Former GASCO Benzene Site Mauka of Nimitz Hwy 432 Pacific St-Iwilei District, Honolulu HI
Imported From: 36432#\Heersharepoint1\facilitiesite%20documents\36432.pdf

iHEER System - Documents

Date : Jun 11, 2002
Document No: 6378
Type: Undetermined
Title: Transmittal of Mar and Apr 2002 Sampling Data from the Pilot Scale Study, ACE Technology Application, Former GASCO Site, Iwilei District, 432 Pacific Avenue, Honolulu Hawaii
Imported From: 126342#\Heersharepoint1\facilitiesite%20documents\126342.pdf

iHEER System - Documents

Date : Jul 19, 2002
Document No: 6507
Type: Monitoring Report
Title: Transmittal of May 2002 Groundwater Analytical Results and Mar 2002 Soil Sampling Results Pilot Scale Study, ACE Technology Application Former GASCO Site, 432 Pacific Ave, Iwilei District, Honolulu HI
Imported From: 36420#\Heersharepoint1\facilitiesite%20documents\36420.pdf

iHEER System - Documents

Date : May 19, 2009
Document No: 19306
Type: Undetermined
Title: Updated Distribution List for the Settlement Agreement and Release, Dec 22, 2000 related to the Gasco/BHP Property located at 616 Iwilei Rd, Honolulu HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		59858#\Heersharepoint1\facilitiesite%20documents\59858.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 12, 2004				
Document No:		6968				
Type:		Undetermined				
Title:		Updated Schedule, Noncovered Source Permit No 0551-01-N, Soil Vapor Extraction and Treatment System				
Imported From:		127607#\Heersharepoint1\facilitiesite%20documents\127607.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 11, 2006				
Document No:		6382				
Type:		Undetermined				
Title:		Various Emails from Apr 11, 2006 through Sep 6, 2007				
Imported From:		126389#\Heersharepoint1\facilitiesite%20documents\126389.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 2, 2001				
Document No:		6949				
Type:		Undetermined				
Title:		Various emails from Nov 2, 2001 through Nov 26, 2003				
Imported From:		126375#\Heersharepoint1\facilitiesite%20documents\126375.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 4, 1991				
Document No:		25462				
Type:		Undetermined				
Title:		"Request for Public Records" for the GASCO Iwilei Site				
Imported From:		47184#\Heersharepoint1\facilitiesite%20documents\47184.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 7, 1987				
Document No:		25402				
Type:		Undetermined				
Title:		10/7/1987				
Imported From:		68#\Heersharepoint1\facilitiesite%20documents\68.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 17, 2003				
Document No:		27329				
Type:		Monitoring Report				
Title:		1st Quarter 2003 Groundwater Monitoring Report				
Imported From:		8085#\Heersharepoint1\facilitiesite%20documents\8085.pdf				
<u>iHEER System - Documents</u>						
Date :		May 21, 2004				
Document No:		6490				
Type:		Monitoring Report				
Title:		1st Quarter 2004 Groundwater Monitoring Report, Former GASCO Site, Mauka of Nimitz Hwy 432 Pacific St-Iwilei, Honolulu HI				
Imported From:		36464#\Heersharepoint1\facilitiesite%20documents\First Quarter 2004 Groundwater Monitoring Rpt-21May2004.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 17, 2005
Document No: 25501
Type: Monitoring Report
Title: 1st Quarter 2005 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36481#\Heersharepoint1\facilitysite%20documents\36481.pdf

iHEER System - Documents

Date : May 26, 2006
Document No: 25516
Type: Monitoring Report
Title: 1st Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI
Imported From: 4575#\Heersharepoint1\facilitysite%20documents\4575.pdf

iHEER System - Documents

Date : May 26, 2006
Document No: 6483
Type: Monitoring Report
Title: 1st Quarter 2006 Groundwater Monitoring Report, Former GASCO Site, Iwilei District, 432 Pacific St, Honolulu HI
Imported From: 36492#\Heersharepoint1\facilitysite%20documents\36492.pdf

iHEER System - Documents

Date : May 25, 2007
Document No: 6487
Type: Monitoring Report
Title: 1st Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI
Imported From: \facilitysite documents\media36496\FINAL 2007 Q1 GW Mon Rpt.pdf

iHEER System - Documents

Date : May 25, 2007
Document No: 25574
Type: Monitoring Report
Title: 1st Quarter 2007 Groundwater Monitoring Report, Former GASCO Site, Honolulu HI
Imported From: 6310#\Heersharepoint1\facilitysite%20documents\6310.pdf

iHEER System - Documents

Date : Jan 6, 2009
Document No: 6428
Type: Monitoring Report
Title: 1st Quarter 2008 Groundwater Monitoring Report, Revision 2, 616 Iwilei Rd, Honolulu HI
Imported From: 58569#\Heersharepoint1\facilitysite%20documents\58569.pdf

iHEER System - Documents

Date : Dec 22, 2008
Document No: 6401
Type: Monitoring Report
Title: 1st Quarter 2008 Groundwater Monitoring Report, Revision 2, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI
Imported From: 58570#\Heersharepoint1\facilitysite%20documents\58570.pdf

iHEER System - Documents

Date : May 13, 2009
Document No: 5997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					1st Quarter 2009 Groundwater Monitoring Report, Former GASCO Facility, 616 Iwilei Rd, Honolulu HI, TMK 1-1-5-012-020, 13 May 2009	
Imported From:					\\facilitysite documents\media59801\Q1 2009 GW Monitoring Report.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 1, 2010	
Document No:					19819	
Type:					Review Letter	
Title:					1st Quarter 2010 Groundwater Monitoring Report	
Imported From:					2010-385#Q:\2010 Final Correspondence (Day File)\10-385-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 16, 2010	
Document No:					12173	
Type:					Monitoring Report	
Title:					1st Quarter 2010 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI	
Imported From:					\\facilitysite documents\media91465\20140903120647561.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 16, 2010	
Document No:					19851	
Type:					Monitoring Report	
Title:					1st Quarter 2010 Groundwater Monitoring Report, 616 Iwilei Rd, Honolulu HI, 9 Jun 2010	
Imported From:					\\facilitysite documents\media91466\Q1 2010 GW report-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					May 28, 2002	
Document No:					6501	
Type:					Monitoring Report	
Title:					1st Quarter Groundwater Monitoring Report, Former GASCO Site 432 Pacific St, Iwilei District, Honolulu HI	
Imported From:					36429#\Heersharepoint1\facilitysite%20documents\36429.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 14, 1989	
Document No:					25412	
Type:					Comment Letter	
Title:					2/14/1989	
Imported From:					95#\Heersharepoint1\facilitysite%20documents\95.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 27, 1991	
Document No:					25413	
Type:					Undetermined	
Title:					2/27/1991	
Imported From:					97#\Heersharepoint1\facilitysite%20documents\97.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 28, 2023	
Document No:					202695	
Type:					Monitoring Report	
Title:					2022 Long Term Monitoring Report	
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 28, 2023
Document No: 202691
Type: Monitoring Report
Title: 2022 Long Term Monitoring Report Appendix A
Imported From:

iHEER System - Documents

Date : Feb 28, 2023
Document No: 202693
Type: Monitoring Report
Title: 2022 Long Term Monitoring Report Appendix B
Imported From:

iHEER System - Documents

Date : May 20, 2003
Document No: 6365
Type: Undetermined
Title: Agenda information
Imported From: \facilitysite documents\media126377\May 20, 2003.PDF

iHEER System - Documents

Date : May 20, 2003
Document No: 6364
Type: Undetermined
Title: Agenda information
Imported From: \facilitysite documents\media126377\October 16, 2003.PDF

iHEER System - Documents

Date : Mar 4, 2004
Document No: 19877
Type: Agreement
Title: Agreement for Remedial Action - Former GASCO Site
Imported From: 119675#\Heersharepoint1\facilitysite%20documents\119675.pdf

iHEER System - Documents

Date : Feb 12, 2004
Document No: 19872
Type: Agreement
Title: Agreement for Remedial Action - Former GASCO Site
Imported From: 119676#\Heersharepoint1\facilitysite%20documents\119676.pdf

iHEER System - Documents

Date : Jan 2, 2008
Document No: 6009
Type: Undetermined
Title: Agreement for Remedial Action, Former GASCO Site, Honolulu
Imported From: 7111#\Heersharepoint1\facilitysite%20documents\7111.pdf

iHEER System - Documents

Date : Jun 17, 2003
Document No: 6505

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					Air Monitoring Summary Report for Background Sampling and Design Test, Former GASCO Site, Mauka of Nimitz Hwy, 432 Pacific St-Iwilei District, Honolulu HI	
Imported From:					36448#\Heersharepoint1\facilitysite%20documents\36448.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 16, 2007	
Document No:					19881	
Type:					Undetermined	
Title:					Alternative Remedial Options for Arcadis to Consider Castle & Cooke Property, Iwilei, Honolulu	
Imported From:					119680#\Heersharepoint1\facilitysite%20documents\119680.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 4, 2002	
Document No:					6484	
Type:					Undetermined	
Title:					Ambient Air Monitoring Plan for Background Sampling and Design Test Former GASCO Benzene Site Mauka of Nimitz Hwy 432 Pacific St-Iwilei District, Honolulu HI	
Imported From:					36434#\Heersharepoint1\facilitysite%20documents\36434.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 3, 2020	
Document No:					175147	
Type:					Monitoring Report	
Title:					Analytical Data Discrepancies – 2nd Half 2019 Groundwater Monitoring Event. Former GASCO Facility, 616 Iwilei Rd.-Request for Resampling	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Aug 11, 2000	
Document No:					6513	
Type:					Undetermined	
Title:					Analytical Report	
Imported From:					36406#\Heersharepoint1\facilitysite%20documents\36406.pdf	
<u>iHEER System - Documents</u>						
Date :					May 12, 2005	
Document No:					6441	
Type:					Review Letter	
Title:					Approval letter for new Monitoring Plan	
Imported From:					2005-263#Q:\2005 Final Correspondence (Day File)\05-263-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 29, 2006	
Document No:					6455	
Type:					Comment Letter	
Title:					Approval of 3 new double nested monitoring wells	
Imported From:					2006-384#Q:\2006 Final Correspondence (Day File)\06-384-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 18, 2003	
Document No:					25490	
Type:					Review Letter	
Title:					Approval of Amendment No 2 Revised Plan for Remediation	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: 2003-442#Q:\2003 Final Correspondence (Day File)\03-442-MS.pdf

iHEER System - Documents

Date : May 21, 2003
Document No: 6427
Type: Undetermined
Title: Approval of conceptual approach to Remediation of the GASCO site
Imported From: 50525#\Heersharepoint1\facilitiesite%20documents\50525.pdf

iHEER System - Documents

Date : Jan 28, 2004
Document No: 6376
Type: Review Letter
Title: Approval of Revised IAS Design Test Summary Report
Imported From: 2004-034#Q:\2004 Final Correspondence (Day File)\04-034-MS.pdf

iHEER System - Documents

Date : Feb 17, 2004
Document No: 6444
Type: Review Letter
Title: Approval of Revised Response Action Design, Construction, and Implementation Work Plan
Imported From: 2004-053#Q:\2004 Final Correspondence (Day File)\04-053-MS.pdf

iHEER System - Documents

Date : May 14, 2009
Document No: 6019
Type: Review Letter
Title: Approval of SAP
Imported From: 2009-316#Q:\2009 Final Correspondence (Day File)\09-316-MS.pdf

iHEER System - Documents

Date : Aug 20, 2009
Document No: 19840
Type: Review Letter
Title: Approval of Tidal Study Work Plan
Imported From: 60713#\Heersharepoint1\facilitiesite%20documents\60713.pdf

iHEER System - Documents

Date : Oct 17, 2003
Document No: 19833
Type: Review Letter
Title: Arcadis G&M's Remediation Activities at the Former BHP/GASCO Site 432 Pacific St
Imported From: 241#\Heersharepoint1\facilitiesite%20documents\241.pdf

iHEER System - Documents

Date : Oct 12, 2007
Document No: 25580
Type: Undetermined
Title: ARCADIS Project Manager Change, Former GASCO Site, Honolulu HI
Imported From: 6839#\Heersharepoint1\facilitiesite%20documents\6839.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 21, 2010				
Document No:		171953				
Type:		Remedial Investigation Report				
Title:		Draft Supplemental Remedial Investigation Report, Former GASCO Facility/Dole Cannery Building, 616/650 Iwilei Rd, Honolulu, 21 Dec 2010				
Imported From:		\\facilitysite documents\media93816\Draft SRI CCPI 2010 1221 Complete.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 22, 2008				
Document No:		25443				
Type:		Site Characterization Work Plan				
Title:		Draft Work Plan in Situ Chemical Oxidation Pilot Test, 616 Iwilei Rd, Honolulu HI				
Imported From:		36506#\Heersharepoint1\facilitysite%20documents\36506.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 6, 2008				
Document No:		11250				
Type:		Undetermined				
Title:		Draft Work Plan Pilot test for In-Situ Chemical Oxidation Using a Modified Fenton's Reagent, 616 Iwilei Rd, Honolulu HI				
Imported From:		8367#\Heersharepoint1\facilitysite%20documents\8367.pdf				
<u>iHEER System - Documents</u>						
Date :		May 21, 2009				
Document No:		6013				
Type:		Remedial Action Completion Work Plan				
Title:		Draft Work Plan Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI, Apr 27, 2009				
Imported From:		59863#\Heersharepoint1\facilitysite%20documents\59863.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 31, 2001				
Document No:		19834				
Type:		Undetermined				
Title:		Drum Disposal Notification, Former GASCO Site, 432 Pacific St, Iwilei District, Honolulu HI				
Imported From:		458#\Heersharepoint1\facilitysite%20documents\458.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 30, 2018				
Document No:		25461				
Type:		Environmental Hazard Evaluation Report				
Title:		EHE Report Revision 1 Former GASCO Facility - 616 Iwilei Road Honolulu, Oahu, Hawaii				
Imported From:		\\facilitysite documents\media131420\HDOH letter 02092018.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 30, 2018				
Document No:		171961				
Type:		Environmental Hazard Evaluation Report				
Title:		EHE Report Revision 1 Former GASCO Facility - 616 Iwilei Road Honolulu, Oahu, Hawaii				
Imported From:		\\facilitysite documents\media131420\616 Iwilei EHE 2018 - DRAFT 03282018 - JM Complete.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 7, 2006				
Document No:		6976				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Jul through Dec 2005 Air Permit Compliance Report, Former GASCO Site, 432 Pacific St, Honolulu Hawaii				
Imported From:		127613#\Heersharepoint1\facilitiesite%20documents\127613.pdf				

iHEER System - Locations Details

Locations ID: 3265
Location Type: EHMP
Description: EHMP BHP Gasco Benzene
Comment :
Centroid: POINT (-157.87186127869595 21.316549871027803)
Geometry:

POLYGON ((-157.87101294707185 21.316042787010172, -157.87128653239628 21.31647256582567, -157.87146624039585 21.316729932770343, -157.87171836804038 21.317014784979595, -157.87194903801398 21.317304634028918, -157.87210997055934 21.317474545273974, -157.87232454727754 21.317389589676011, -157.87265177677475 21.317239667912432, -157.87253912399567 21.316984800562615, -157.87246402214296 21.316794899113209, -157.87229772519112 21.316485059377857, -157.87218507241207 21.316290159855082, -157.87211533497486 21.316140236968906, -157.87204023312214 21.31605028316374, -157.87198122452483 21.315905357472069, -157.87188466500123 21.315790416305287, -157.87179346989305 21.31567047760041, -157.8717612833822 21.315635495459532, -157.87101294707185 21.316042787010172))

iHEER System - Locations Details

Locations ID: 821
Location Type: SC
Description: BHP Gasco Benzene Site
Comment : EPO; PrimaryTemp ; ARC_STREET: 432 Pacific St XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.872 21.316599999999987)
Geometry:

POINT (-157.872 21.316599999999987)

Site Details

Centroid: POINT (-157.872 21.316599999999987)
Updated On: 5/6/2022 5:22:01 PM
Coordinates: 21.316599999999987,-157.872

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Vapor Barrier

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u><i>iHEER System - Aliases</i></u>						
Name:		Former GASCO Facility				
<u><i>iHEER System - Aliases</i></u>						
Name:		Dole Cannery				
<u><i>iHEER System - Aliases</i></u>						
Name:		Honolulu Harbor Iwilei Unit				
<u><i>iHEER System - Aliases</i></u>						
Name:		115				
<u><i>iHEER System - Aliases</i></u>						
Name:		Dole Iwilei				
<u><i>iHEER System - Aliases</i></u>						
Name:		LTM				
<u><i>iHEER System - Aliases</i></u>						
Name:		Construction EHMP				

273	1 of 1	NW	0.82 / 4,328.93	3.28 / 0	Hakim Properties Inc 861-869 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1179
Site Name (Public iHEER): Hakim Properties Inc
Aliases (Public iHEER): 861-869 North Nimitz Highway, Brownfields Received a Restricted NFA, Hakim Properties, Inc., Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Oahu Lumber, SLR 3.2ft Flooding
Street (Public iHEER): 861-869 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/27/2019 4:23:30 PM
Ms Access ID (Public iHEER): 291
Suppl Loc (Public iHEER): 861-869 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115035007, 115035012
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1179
Site Name (PORTAL): Hakim Properties Inc
Loc Desc (PORTAL): 861-869 N Nimitz Hwy

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (PORTAL):		861-869 N Nimitz Hwy				
		Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Eric Sadoyama				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/1179/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Jun 7, 1995
Document No: 11357
Type: Undetermined
Title: 6/7/1995
Imported From: 151#\Heersharepoint1\facilitiesite%20documents\151.pdf

iHEER System - Documents

Date : May 31, 1995
Document No: 11350
Type: Undetermined
Title: Extension to Answer the Request for Information on Honolulu Harbor Petroleum Contaminated Area, Honolulu HI
Imported From: 10#\Heersharepoint1\facilitiesite%20documents\10.pdf

iHEER System - Documents

Date : Apr 7, 1997
Document No: 11352
Type: Undetermined
Title: Hakim Properties
Imported From: 47727#\Heersharepoint1\facilitiesite%20documents\47727.pdf

iHEER System - Documents

Date : Apr 14, 1997
Document No: 11347
Type: Undetermined
Title: Hakim Properties
Imported From: 47741#\Heersharepoint1\facilitiesite%20documents\47741.pdf

iHEER System - Documents

Date : Apr 14, 1997
Document No: 11348
Type: Undetermined
Title: Hakim Properties
Imported From: 1997-141#Q:\1997 Final Correspondence (Day File)\97-141-BH.pdf

iHEER System - Documents

Date : Apr 7, 1997
Document No: 11353
Type: Undetermined
Title: Hakim Properties
Imported From: 1997-127#Q:\1997 Final Correspondence (Day File)\97-127-BH.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jul 14, 1995
Document No: 11346
Type: Undetermined
Title: Hakim Properties Inc
Imported From: 538#\Heersharepoint1\facilitiesite%20documents\538.pdf

iHEER System - Documents

Date : Dec 18, 1995
Document No: 11344
Type: Undetermined
Title: Honolulu Harbor meeting with PRPs 1/24/96
Imported From: 47468#\Heersharepoint1\facilitiesite%20documents\47468.pdf

iHEER System - Documents

Date : Mar 2, 1995
Document No: 11356
Type: Undetermined
Title: Phase I Environmental Assessment at Oahu Lumber Facility 861 through 869 N Nimitz Hwy (TMK 1-1-5-035-007 and 012) located in Honolulu HI for First Hawaiian Bank, Honolulu HI
Imported From: 37689#\Heersharepoint1\facilitiesite%20documents\37689.pdf

iHEER System - Documents

Date : Sep 20, 1996
Document No: 11345
Type: Undetermined
Title: Phase II Subsurface Investigation at 861 through 869 N Nimitz Hwy, Honolulu HI (Facility ID Number 9-100284)
Imported From: 921#\Heersharepoint1\facilitiesite%20documents\921.pdf

iHEER System - Documents

Date : Sep 6, 1996
Document No: 11354
Type: Undetermined
Title: Phase II Subsurface Investigation at Oahu Lumber Facility 861 through 869 N Nimitz Hwy, Honolulu HI DOH Facility ID 9-100284 for First Hawaiian Bank, Honolulu HI
Imported From: 37690#\Heersharepoint1\facilitiesite%20documents\37690.pdf

iHEER System - Documents

Date : Mar 20, 1997
Document No: 11351
Type: Undetermined
Title: Request for "No Further Action", Former UST and Hydraulic Lift Cylinder Site at the Former Hakim Properties, 861 N Nimitz
Imported From: 1067#\Heersharepoint1\facilitiesite%20documents\1067.pdf

iHEER System - Documents

Date : Nov 7, 1996
Document No: 11349
Type: Undetermined
Title: The Former Hakim Properties at 861 through 869 N Nimitz, Honolulu HI
Imported From: 1996-366#Q:\1996 Final Correspondence (Day File)\96-366-BH.pdf

iHEER System - Documents

Date : Feb 21, 1997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 11355
Type: Undetermined
Title: UST and Hydraulic Lift Removal at 861 N Nimitz Hwy, Honolulu HI for Real Estate Delivery, Inc
Imported From: 37688#\Heersharepoint1\facilitysite%20documents\37688.pdf

iHEER System - Locations Details

Locations ID: 1623
Location Type: SC
Description:
Comment : EPO; PrimaryTemp; ARC_STREET: 861 N Nimitz Hwy XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.874 21.314)
Geometry:

POINT (-157.874 21.314)

Site Details

Centroid: POINT (-157.874 21.314)
Updated On: 12/27/2019 4:23:30 PM
Coordinates: 21.314,-157.874

iHEER System - Aliases

Name: Oahu Lumber

iHEER System - Aliases

Name: Hakim Properties, Inc.

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: 861-869 North Nimitz Highway

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		SLR 3.2ft Flooding				

274	1 of 1	SE	0.82 / 4,353.23	3.28 / 0	Hawaii Opera Theater Sets & Props Warehouse 962 Kawaiahao St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 706
Site Name (Public iHEER): Hawaii Opera Theater Sets & Props Warehouse
Aliases (Public iHEER): Brownfields Received a Restricted NFA
Street (Public iHEER): 962 Kawaiahao St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/5/2020 12:18:41 PM
Ms Access ID (Public iHEER): 2102
Suppl Loc (Public iHEER): 962 Kawaiahao St
Tax Map Keys (Public iHEER): 123003064
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 706
Site Name (PORTAL): Hawaii Opera Theater Sets & Props Warehouse
Loc Desc (PORTAL): 962 Kawaiahao St
Address (PORTAL): 962 Kawaiahao St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/706/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Apr 26, 2012
Document No: 147381
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action Determination with Institutional Controls for Hawaii Opera Theater Sets & Props Warehouse
Imported From: 2012-261#Q:2012 Final Correspondence (Day File)\12-261-SPM.pdf

iHEER System - Documents

Date : Apr 19, 2012
Document No: 147382
Type: Removal Action Report
Title: Sump Closure and Subsurface Investigation Report Hawaii Opera Theater Sets and Props Warehouse 962 Kawaiahao St, Honolulu HI HDOH Release ID 20120201-1355
Imported From: 99234#\Heersharepoint1\facilitiesite%20documents\99234.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Apr 19, 2012
Document No: 147380
Type: Removal Action Work Plan
Title: Sump Closure and Subsurface Investigation Report_cover letter
Imported From: 99233#\Heersharepoint1\facilitiesite%20documents\99233.pdf

iHEER System - Documents

Date : Feb 3, 2012
Document No: 147383
Type: Hazardous Substance Written Follow-Up Notification
Title: Written Follow-Up Notification, HEER Incident Case ID 20120201-1355, Hawaii Opera Theater sets and Props Warehouse, 962 Kawaiahao St, Honolulu HI
Imported From: 97842#\Heersharepoint1\facilitiesite%20documents\97842.pdf

iHEER System - Locations Details

Locations ID: 3562
Location Type: SC
Description: HOT Sets and Props
Comment : Google Earth
Centroid: POINT (-157.85274 21.297212999999982)
Geometry:

POINT (-157.85274 21.297212999999982)

Site Details

Centroid: POINT (-157.85274 21.297212999999982)
Updated On: 3/5/2020 12:18:41 PM
Coordinates: 21.297212999999982,-157.85274

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

275	1 of 2	NW	0.83 / 4,387.50	3.28 / 0	TOSCO Honolulu Terminal #0282 411 Pacific St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2399
Site Name (Public iHEER): TOSCO Honolulu Terminal #0282
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Construction EHMP, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Lowe's Iwilei, Lowe's Iwilei VRP Lowes, TOSCO Corporation Honolulu Terminal #0282, TOSCO Corporation-Honolulu Terminal #0282, Tosco Honolulu Bulk Distribution Terminal, Vapor Barrier
Street (Public iHEER): 411 Pacific St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): VRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/5/2021 9:40:43 AM
Ms Access ID (Public iHEER): 898
Suppl Loc (Public iHEER): 411 Pacific St
Tax Map Keys (Public iHEER): 115013010, 115013012, 115013023
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2399
Site Name (PORTAL): TOSCO Honolulu Terminal #0282
Loc Desc (PORTAL): 411 Pacific St
Address (PORTAL): 411 Pacific St
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): VRP
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2399/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Apr 2, 2001
Document No: 52112
Type: Undetermined
Title: 1st Quarter 2001, Groundwater and Free Product Monitoring Report, Tosco Refining Company, Tosco Honolulu Terminal, 411 Pacific St, Honolulu HI
Imported From: 39860#\Heersharepoint1\facilitiesite%20documents\39860.pdf

iHEER System - Documents

Date : May 3, 2002
Document No: 51769
Type: Undetermined
Title: 1st Quarter 2002 Groundwater Monitoring Report Phillips Petroleum Company Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819
Imported From: 39865#\Heersharepoint1\facilitiesite%20documents\39865.pdf

iHEER System - Documents

Date : Mar 10, 2005
Document No: 47034
Type: Undetermined
Title: Review of the third and 4th Quarter 2003 Monitoring Reports for the Lowe's VRP
Imported From: 2005-133#Q:\2005 Final Correspondence (Day File)\05-133-MS.pdf

iHEER System - Documents

Date : Nov 3, 2014
Document No: 52161
Type: Undetermined
Title: Review of: "Letter Report—Groundwater Monitoring Well Abandonment, Lowe's HIW Retail Store, 411 and 439 Pacific Street", Sep 30, 2014, by ESI
Imported From: 2014-551#Q:\2014 Final Correspondence (Day File)\14-551-JQN.pdf

iHEER System - Documents

Date : Oct 8, 2014
Document No: 52159
Type: Undetermined
Title: Review of: "Post-Construction EHMP, Lowe's HIW Retail Store, 411 and 439 Pacific Street", Aug 19, 2014, by ESI
Imported From: 2014-502#Q:\2014 Final Correspondence (Day File)\14-502-JQN.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 8, 2014				
Document No:		51695				
Type:		Undetermined				
Title:		Review of: "Revised Post-Construction EHMP, Lowe's HIW Retail Store, 411 and 439 Pacific Street", Dec 1, 2014, by ESI				
Imported From:		2014-613#Q:\2014 Final Correspondence (Day File)\14-613-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 8, 2014				
Document No:		51692				
Type:		Undetermined				
Title:		Review of: "Soil Vapor Monitoring Report 2014, Lowe's HIW Retail Store, 411 and 439 Pacific Street", Nov 28, 2014, by ESI				
Imported From:		2014-612#Q:\2014 Final Correspondence (Day File)\14-612-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 26, 2013				
Document No:		47031				
Type:		Undetermined				
Title:		Review of: 1st Quarter 2013 Groundwater Monitoring and Free Product Recovery Report, Lowe's HIW Retail Store 411 and 439 Pacific St, Jul 19, 2013, by ESI				
Imported From:		2013-447#Q:\2013 Final Correspondence (Day File)\13-447-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 10, 2013				
Document No:		52319				
Type:		Undetermined				
Title:		Review of: 3rd Quarter 2013 Groundwater Monitoring and Free Product Recovery Report Lowe's HIW Retail Store 411 and 439 Pacific St both, Nov 13, 2013, by ESI				
Imported From:		2013-632#Q:\2013 Final Correspondence (Day File)\13-632-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 8, 2014				
Document No:		52198				
Type:		Undetermined				
Title:		Review of: EHMP for Retail Store Operation Lowe's HIW Retail Store 411 and 439 Pacific St both, Apr 2, 2014, by ESI				
Imported From:		2014-156#Q:\2014 Final Correspondence (Day File)\14-156-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2014				
Document No:		52153				
Type:		Undetermined				
Title:		Review of: Environmental Oversight Construction of Lowe's HIW Retail Store 411 and 439 Pacific St, Mar 13, 2014, by ESI				
Imported From:		2014-139#Q:\2014 Final Correspondence (Day File)\14-139-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 10, 2013				
Document No:		46988				
Type:		Undetermined				
Title:		Review of: Soil Vapor Monitoring Report 3rd Quarter 2013 Lowe's HIW Retail Store 411 and 439 Pacific St both, Nov 13, 2013, by ESI				
Imported From:		2013-633#Q:\2013 Final Correspondence (Day File)\13-633-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 17, 2013
Document No: 52314
Type: Undetermined
Title: Review of: Soil Vapor Monitoring Report First and 2nd Quarter 2013 Lowe's HIW Retail Store 411 and 439 Pacific St both, Sep 9, 2013, by ESI
Imported From: 2013-484#Q:\2013 Final Correspondence (Day File)\13-484-SPM.pdf

iHEER System - Documents

Date : Jan 15, 2015
Document No: 51693
Type: Undetermined
Title: Review of: Task 9 EHE (Post Construction), Lowe's HIW Retail Store, Former ConocoPhillips Terminal 411 and 439 Pacific Street", Jan 6, 2015, by ESI
Imported From: 2015-026#Q:\2015 Final Correspondence (Day File)\15-026-JQN.pdf

iHEER System - Documents

Date : Feb 3, 2015
Document No: 51739
Type: Undetermined
Title: Review of: Task 9 Revised EHE (Post Construction), Lowe's HIW Retail Store, Former ConocoPhillips Terminal 411 and 439 Pacific Street", Feb 2, 2015, by ESI
Imported From: 2015-062#Q:\2015 Final Correspondence (Day File)\15-062-JQN.pdf

iHEER System - Documents

Date : Sep 9, 2011
Document No: 52172
Type: Undetermined
Title: Response to ESI letter of Sep 7, 2011 Requesting Concurrence to use SAR-UW Underwater Ceramic Putty During Implementation of the Revised Storm Drain Environmental Protection Plan
Imported From: 2011-518#Q:\2011 Final Correspondence (Day File)\11-518-MS.pdf

iHEER System - Documents

Date : Feb 17, 2009
Document No: 51699
Type: Undetermined
Title: Response to Exposure Prevention Management Plan
Imported From: 2009-093#Q:\2009 Final Correspondence (Day File)\09-093-MS.pdf

iHEER System - Documents

Date : Feb 12, 2009
Document No: 52263
Type: Undetermined
Title: Response to letter Feb 6 from Solomon
Imported From: 2009-087#Q:\2009 Final Correspondence (Day File)\09-087-MS.pdf

iHEER System - Documents

Date : Jul 16, 2008
Document No: 19324
Type: Undetermined
Title: response to letter outlining Weston's approach for performing the remedial excavation in accordance with the DOH approved Remedial Excavation Workplan, 05/08/2008
Imported From: 7875#\Heersharepoint1\facilitysite%20documents\7875.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 25, 2007
Document No: 46995
Type: Undetermined
Title: Response to Path forward letter
Imported From: 2007-672#Q:\2007 Final Correspondence (Day File)\07-672-MS.pdf

iHEER System - Documents

Date : Dec 6, 2010
Document No: 52105
Type: Undetermined
Title: Response to: ESI letter of Dec 3, 2010 Requesting Concurrence to use On-Site Soil as Backfill in Off-Site Construction Areas
Imported From: 2010-731#Q:\2010 Final Correspondence (Day File)\10-731-MS.pdf

iHEER System - Documents

Date : Nov 23, 2011
Document No: 52171
Type: Undetermined
Title: Response to: Request for Concurrence that the Requirements of the Lowe's Storm Drain Environmental Protection Plan have been met for Construction of the Storm Drain Box Culvert, Nov 23, 2011 by ESI
Imported From: 2011-687#Q:\2011 Final Correspondence (Day File)\11-687-MS.pdf

iHEER System - Documents

Date : Dec 20, 2011
Document No: 52177
Type: Undetermined
Title: Response to: Request for Concurrence to Implement Scope of Work to Inspect and Repair Lowe's On-Site Storm Water Collection System, Dec 19, 2011 by ESI
Imported From: 2011-730#Q:\2011 Final Correspondence (Day File)\11-730-MS.pdf

iHEER System - Documents

Date : Jul 16, 2008
Document No: 47007
Type: Undetermined
Title: Return Oversight check of \$6,150
Imported From: 2008-475#Q:\2008 Final Correspondence (Day File)\08-475-MS.pdf

iHEER System - Documents

Date : Feb 25, 2009
Document No: 29475
Type: Undetermined
Title: Review and approval of EHMP
Imported From: 2009-121#Q:\2009 Final Correspondence (Day File)\09-121-MS.pdf

iHEER System - Documents

Date : Dec 30, 2008
Document No: 47021
Type: Undetermined
Title: Review and approval of groundwater Monitoring Report
Imported From: 58502#\Heersharepoint1\facilitiesite%20documents\58502.pdf

iHEER System - Documents

Date : Feb 3, 2010
Document No: 51763
Type: Undetermined
Title: Review and approval of GWMP
Imported From: 2010-101#Q:\2010 Final Correspondence (Day File)\10-101-MS.pdf

iHEER System - Documents

Date : May 23, 2007
Document No: 46996
Type: Undetermined
Title: Review and approval of Revised task 3
Imported From: 2007-323#Q:\2007 Final Correspondence (Day File)\07-323-MS.pdf

iHEER System - Documents

Date : Nov 21, 2006
Document No: 47042
Type: Undetermined
Title: Review and approval of Task 2 VRP
Imported From: 2006-735#Q:\2006 Final Correspondence (Day File)\06-735-MS.pdf

iHEER System - Documents

Date : Mar 25, 2010
Document No: 51740
Type: Undetermined
Title: Review and approval Revised EHMP
Imported From: 2010-201#Q:\2010 Final Correspondence (Day File)\10-201-MS.pdf

iHEER System - Documents

Date : Jan 25, 2010
Document No: 51761
Type: Undetermined
Title: Review and comment Storm Drain Environmental Protection Plan
Imported From: 2010-059#Q:\2010 Final Correspondence (Day File)\10-059-MS.pdf

iHEER System - Documents

Date : Feb 10, 2009
Document No: 52277
Type: Undetermined
Title: Review and comment Summary Findings of Remedial Excavation
Imported From: 2009-084#Q:\2009 Final Correspondence (Day File)\09-084-MS.pdf

iHEER System - Documents

Date : Dec 4, 2007
Document No: 47038
Type: Undetermined
Title: Review and comment Task 6 VRP
Imported From: 2007-812#Q:\2007 Final Correspondence (Day File)\07-812-MS.pdf

iHEER System - Documents

Date : Oct 1, 2008
Document No: 46991
Type: Undetermined
Title: Review and comment Trihydro LNAPL Sump Pilot Test

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2008-668#Q:\2008 Final Correspondence (Day File)\08-668-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 3, 2014					
Document No:	52160					
Type:	Undetermined					
Title:	Review of "Letter Report-Final Free Product Recovery, Jan and Feb 2014, Lowe's HIW Retail Store, 411 and 439 Pacific Street", Oct 8, 2014, by ESI					
Imported From:		2014-552#Q:\2014 Final Correspondence (Day File)\14-552-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 3, 2012					
Document No:	52300					
Type:	Undetermined					
Title:	Review of 2nd Quarter 2012 Groundwater Monitoring Report, Lowe's HIW Retail Store 411 and 439 Pacific St, Aug 3, 2012, by ESI					
Imported From:		2012-470#Q:\2012 Final Correspondence (Day File)\12-470-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 9, 2013					
Document No:	52321					
Type:	Undetermined					
Title:	Soil Vapor Monitoring Report 2nd Quarter 2013, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI					
Imported From:		106504#\Heersharepoint1\facilitiesite%20documents\106504.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 13, 2013					
Document No:	47036					
Type:	Undetermined					
Title:	Soil Vapor Monitoring Report 3rd Quarter 2013 Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI Phillips 66 AOC No 03622, TMK 1-1-5-013-010 and 012					
Imported From:		107413#\Heersharepoint1\facilitiesite%20documents\107413.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 6, 2012					
Document No:	52301					
Type:	Undetermined					
Title:	Soil Vapor Monitoring Report 4th Quarter 2011 through 2nd Quarter 2012, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI					
Imported From:		100825#\Heersharepoint1\facilitiesite%20documents\100825.pdf				
<u>iHEER System - Documents</u>						
Date :	Apr 3, 2013					
Document No:	51768					
Type:	Undetermined					
Title:	Soil Vapor Monitoring Report 4th Quarter 2012 Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012					
Imported From:		103225#\Heersharepoint1\facilitiesite%20documents\103225.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 4, 2014					
Document No:	46987					
Type:	Undetermined					
Title:	Soil Vapor Monitoring Report 4th Quarter 2013, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		108891#\Heersharepoint1\facilitiesite%20documents\108891.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 31, 2001					
Document No:	52106					
Type:	Undetermined					
Title:	Supplemental Site Assessment Report TOSCO Honolulu Terminal 411 Pacific St, Honolulu HI					
Imported From:	39864#\Heersharepoint1\facilitiesite%20documents\39864.pdf					
<u>iHEER System - Documents</u>						
Date :	Sep 19, 2001					
Document No:	51730					
Type:	Undetermined					
Title:	Supplemental Site Assessment Report, Tosco Honolulu Terminal, 411 Pacific St, Honolulu HI					
Imported From:	126610#\Heersharepoint1\facilitiesite%20documents\126610.pdf					
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2006					
Document No:	52316					
Type:	Undetermined					
Title:	Task 2 General Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012					
Imported From:	\facilitiesite documents\media39888\Thumbs.db					
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2006					
Document No:	52315					
Type:	Undetermined					
Title:	Task 2 General Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012					
Imported From:	39888#\Heersharepoint1\facilitiesite%20documents\39888.pdf					
<u>iHEER System - Documents</u>						
Date :	Nov 8, 2006					
Document No:	52317					
Type:	Undetermined					
Title:	Task 2 General Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012					
Imported From:	\facilitiesite documents\media39888\106084.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 12, 1999					
Document No:	52123					
Type:	Undetermined					
Title:	Phase II Environmental Assessment Report Tosco Honolulu Terminal Pacific St, Honolulu HI					
Imported From:	39857#\Heersharepoint1\facilitiesite%20documents\39857.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 1, 2014					
Document No:	51764					
Type:	Environmental Hazard Management Plan					
Title:	Post-Construction EHMP Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012					
Imported From:	112026#\Heersharepoint1\facilitiesite%20documents\112026.pdf					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 19, 2014
Document No: 52248
Type: Undetermined
Title: Post-Construction EHMP, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI
Imported From: 110574#\Heersharepoint1\facilitiesite%20documents\110574.pdf

iHEER System - Documents

Date : Jul 6, 2005
Document No: 51756
Type: Undetermined
Title: Potential Termination Letter From VRP
Imported From: 2005-333#Q:\2005 Final Correspondence (Day File)\05-333-MS.pdf

iHEER System - Documents

Date : Feb 23, 2007
Document No: 47011
Type: Undetermined
Title: Receipt for \$6,475
Imported From: 2007-126#Q:\2007 Final Correspondence (Day File)\07-126-MS.pdf

iHEER System - Documents

Date : Sep 8, 2008
Document No: 46993
Type: Undetermined
Title: Receipt of \$13,250 VRP check
Imported From: 2008-594#Q:\2008 Final Correspondence (Day File)\08-594-MS.pdf

iHEER System - Documents

Date : May 7, 2009
Document No: 52275
Type: Undetermined
Title: Receipt of Additional Deposit
Imported From: 2009-291#Q:\2009 Final Correspondence (Day File)\09-291-MS.pdf

iHEER System - Documents

Date : Oct 13, 2010
Document No: 52312
Type: Undetermined
Title: Release Notification of Natural Gas from an 8-inch Pipeline in Pacific St
Imported From: 93091#\Heersharepoint1\facilitiesite%20documents\93091.pdf

iHEER System - Documents

Date : May 8, 2008
Document No: 51776
Type: Undetermined
Title: Remedial Excavation Work Plan, Former Conoco-Phillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012
Imported From: 39902#\Heersharepoint1\facilitiesite%20documents\39902.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		May 8, 2008				
Document No:		51778				
Type:		Undetermined				
Title:		Remedial Excavation Work Plan, Former Conoco-Phillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012				
Imported From:		\\facilitysite documents\media39902\108018 Remedial Excavation Work Plan 5-8-08.pdf				
 <u>iHEER System - Documents</u>						
Date :		May 8, 2008				
Document No:		51777				
Type:		Undetermined				
Title:		Remedial Excavation Work Plan, Former Conoco-Phillips Terminal 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012				
Imported From:		\\facilitysite documents\media39902\Thumbs.db				
 <u>iHEER System - Documents</u>						
Date :		Jul 11, 2011				
Document No:		52194				
Type:		Undetermined				
Title:		Request for Concurrence with the Storm Drain Release Prevention Plan & that the Requirements of the Lowe's Storm Drain Environmental Protection Plan have been met for Construction of the Storm Drain Box Culvert 2011-381#Q:\2011 Final Correspondence (Day File)\11-381-MS.pdf				
Imported From:		2011-381#Q:\2011 Final Correspondence (Day File)\11-381-MS.pdf				
 <u>iHEER System - Documents</u>						
Date :		Dec 11, 2012				
Document No:		52281				
Type:		Undetermined				
Title:		Review of 3rd Quarter 2012 Groundwater Monitoring and Free Product Recovery Report Lowe's HIW Retail Store 411 and 439 Pacific St, Aug 3, 2012, by ESI				
Imported From:		2012-661#Q:\2012 Final Correspondence (Day File)\12-661-MS.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jul 27, 2012				
Document No:		52299				
Type:		Undetermined				
Title:		Review of 4th Quarter 2011 and 1st Quarter 2012 Groundwater Monitoring Report, Lowe's HIW Retail Store 411 and 439 Pacific St, Jul 23, 2012, by ESI				
Imported From:		2012-463#Q:\2012 Final Correspondence (Day File)\12-463-MS.pdf				
 <u>iHEER System - Documents</u>						
Date :		Mar 7, 2013				
Document No:		52310				
Type:		Undetermined				
Title:		Review of 4th Quarter 2012 Groundwater Monitoring and Free Product Recovery Report Lowe's HIW Retail Store 411 and 439 Pacific St, Aug 3, 2012, by ESI				
Imported From:		2013-129#Q:\2013 Final Correspondence (Day File)\13-129-SPM.pdf				
 <u>iHEER System - Documents</u>						
Date :		Mar 14, 2011				
Document No:		52195				
Type:		Undetermined				
Title:		Review of Dewatering Work Plan for Off-Site Construction, Mar 7, 2011 by ESI				
Imported From:		2011-145#Q:\2011 Final Correspondence (Day File)\11-145-MS.pdf				
 <u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Dec 1, 2010
Document No: 52265
Type: Undetermined
Title: Review of Draft Storm Drain Release Prevention Plan, Future Lowe's HIW Retail Store, 411 and 439 Pacific St, Nov 29, 2010 by ESI
Imported From: 2010-724#Q:\2010 Final Correspondence (Day File)\10-724-MS.pdf

iHEER System - Documents

Date : Sep 15, 2008
Document No: 52324
Type: Undetermined
Title: Review of engineering diagram for the vapor control system
Imported From: 2008-625#Q:\2008 Final Correspondence (Day File)\08-625-MS.pdf

iHEER System - Documents

Date : Feb 2, 2015
Document No: 51734
Type: Undetermined
Title: Request for No Further Action Determination for the Lowe's Home Centers LLC Retail Store (Formerly the ConocoPhillips Honolulu Bulk Fuel Terminal Property), 411 and 439 Pacific St, Honolulu HI
Imported From: 113504#\Heersharepoint1\facilitiesite%20documents\113504.pdf

iHEER System - Documents

Date : Jan 5, 2009
Document No: 47026
Type: Undetermined
Title: Request for No Further Action Letter
Imported From: 58595#\Heersharepoint1\facilitiesite%20documents\58595.pdf

iHEER System - Documents

Date : Jul 10, 2020
Document No: 175805
Type: Comment Letter
Title: Request for Overdue Annual Inspection Reports
Imported From:

iHEER System - Documents

Date : Dec 21, 2015
Document No: 51752
Type: Undetermined
Title: Request for Signature for Lowe's Iwilei Voluntary Response Program (VRP) Site Letter of Completion
Imported From: 2015-651#Q:\2015 Final Correspondence (Day File)\15-651-SPM.pdf

iHEER System - Documents

Date : Feb 16, 2016
Document No: 51758
Type: Undetermined
Title: Request for signature for Lowe's Iwilei Voluntary Response Program (VRP) Site Environmental Covenant
Imported From: 2016-053#Q:\2016 Final Correspondence (Day File)\16-053 SPM.pdf

iHEER System - Documents

Date : Oct 13, 2008
Document No: 47000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Request for VRP Oversight money				
Imported From:		2008-682#Q:\2008 Final Correspondence (Day File)\08-682-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 6, 2009				
Document No:		52197				
Type:		Undetermined				
Title:		Request for VRP Oversight money				
Imported From:		2009-226#Q:\2009 Final Correspondence (Day File)\09-226-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 9, 2008				
Document No:		52287				
Type:		Undetermined				
Title:		Response to DOH Comments Regarding Remedial Excavation Work Plan, Former ConocoPhillips Honolulu Bulk Fuel Terminal				
Imported From:		7717#\Heersharepoint1\facilitiesite%20documents\7717.pdf				
<u>iHEER System - Documents</u>						
Date :		May 12, 2008				
Document No:		52285				
Type:		Undetermined				
Title:		Response to DOH Comments Regarding Review of Task 7 Draft RAM				
Imported From:		7607#\Heersharepoint1\facilitiesite%20documents\7607.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 19, 2014				
Document No:		52148				
Type:		Undetermined				
Title:		Response to DOH Review of EHMP for Retail Store Operation Lowe's HIW Retail Store 411 and 439 Pacific Street both, Apr 2, 2014				
Imported From:		110573#\Heersharepoint1\facilitiesite%20documents\110573.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 18, 2013				
Document No:		46984				
Type:		Undetermined				
Title:		Response to DOH Review of Pipeline Removal BEI Hawaii Facility, 311 Pacific St, Honolulu HI				
Imported From:		105764#\Heersharepoint1\facilitiesite%20documents\105764.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 2, 2015				
Document No:		51745				
Type:		Undetermined				
Title:		Response to DOH Review of the Post-Construction Environmental Hazard for the Lowe's HIW Retail Store 411 and 439 Pacific Street				
Imported From:		113505#\Heersharepoint1\facilitiesite%20documents\113505.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 15, 2010				
Document No:		52183				
Type:		Undetermined				
Title:		Response to ESI letter of Dec 13, 2010 Requesting Concurrence to use Westec Envirostop Waterstop During				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		Implementation of the Revised Storm Drain Environmental Protection Plan 2010-747#Q:\2010 Final Correspondence (Day File)\10-747-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 26, 2011				
Document No:		52178				
Type:		Undetermined				
Title:		Response to ESI letter of Oct 26, 2011 Requesting Concurrence that Repair of One Joint Inside the Off-Site Box Portion of the Lowe's Storm Drain Box Culvert is Complete and Activation is Approved				
Imported From:		2011-617#Q:\2011 Final Correspondence (Day File)\11-617-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 3, 2007				
Document No:		8805				
Type:		Undetermined				
Title:		Task 3 - Detailed Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, Honolulu HI				
Imported From:		\\facilitiesite documents\media5730\106121.pdf				
<u>iHEER System - Documents</u>						
Date :		May 11, 2007				
Document No:		52134				
Type:		Undetermined				
Title:		Task 3- Revised Detailed Work Plan, ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		39891#\Heersharepoint1\facilitiesite%20documents\39891.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 3, 2008				
Document No:		52097				
Type:		Undetermined				
Title:		Task 6- EHE, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012				
Imported From:		39897#\Heersharepoint1\facilitiesite%20documents\39897.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 27, 2007				
Document No:		52146				
Type:		Undetermined				
Title:		Task 6-EHE, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012				
Imported From:		39894#\Heersharepoint1\facilitiesite%20documents\39894.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 6, 2015				
Document No:		51690				
Type:		Undetermined				
Title:		Task 9 - EHE (Post-Construction) Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		113038#\Heersharepoint1\facilitiesite%20documents\113038.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 2, 2011				
Document No:		52179				
Type:		Undetermined				
Title:		Task 9 Remedial Action Report, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, Nov 2, 2011				
Imported From:		\\facilitiesite documents\media96642\108132 Lowes VRP Task 9-Remedial Action Report 11-02-11.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2001			
Document No:			51723			
Type:			Undetermined			
Title:			Third Quarter 2001, Groundwater and Separate-Phase Hydrocarbon Monitoring Report, Tosco Corporation, Tosco Honolulu Terminal, 411 Pacific St, Honolulu Hawaii			
Imported From:			126612#\Heersharepoint1\facilitiesite%20documents\126612.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 10, 2008			
Document No:			47009			
Type:			Undetermined			
Title:			Transmittal Memo Final RAM			
Imported From:			2008-843#Q:\2008 Final Correspondence (Day File)\08-843-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 2008			
Document No:			47003			
Type:			Undetermined			
Title:			VRP billing			
Imported From:			2008-311#Q:\2008 Final Correspondence (Day File)\08-311-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 16, 2006			
Document No:			52107			
Type:			Undetermined			
Title:			Well Destruction Report			
Imported From:			5465#\Heersharepoint1\facilitiesite%20documents\5465.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2007			
Document No:			52167			
Type:			Undetermined			
Title:			Review Task 3- Detailed Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, dated Jan 2007 by ESI			
Imported From:			2007-024#Q:\2007 Final Correspondence (Day File)\07-024-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2007			
Document No:			52166			
Type:			Undetermined			
Title:			Review Task 3- Detailed Work Plan ConocoPhillips Terminal 411 and 439 Pacific St, dated Jan 2007 by ESI			
Imported From:			126430#\Heersharepoint1\facilitiesite%20documents\126430.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 3, 2010			
Document No:			52257			
Type:			Undetermined			
Title:			Revised EHMP for Off-Site Construction, Future Lowe's HIW Inc, Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012, Aug 3, 2010			
Imported From:			\facilitiesite documents\media92131\110012 Lowe's EHMP for Offsite Construction 8-3-10.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 3, 2010			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			52256			
Type:			Undetermined			
Title:			Revised EHMP for Off-Site Construction, Future Lowe's HIW Inc, Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012, Aug 3, 2010			
Imported From:			92131#\Heersharepoint1\facilitiesite%20documents\92131.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2010			
Document No:			52255			
Type:			Undetermined			
Title:			Revised EHMP for On-Site Construction, Future Lowe's HIW Inc, Retail Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			62749#\Heersharepoint1\facilitiesite%20documents\62749.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 21, 2014			
Document No:			51704			
Type:			Undetermined			
Title:			Revised Letter Report, Groundwater Monitoring Well Abandonment, Lowe's HIW, Inc, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 & 012			
Imported From:			111865#\Heersharepoint1\facilitiesite%20documents\111865.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 2007			
Document No:			19464			
Type:			Undetermined			
Title:			Revised Lowe's HIW VRP Task 3-Detailed Work Plan			
Imported From:			6268#\Heersharepoint1\facilitiesite%20documents\6268.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2010			
Document No:			51707			
Type:			Undetermined			
Title:			Groundwater Monitoring Work Plan, Future Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			62299#\Heersharepoint1\facilitiesite%20documents\62299.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 5, 2009			
Document No:			51762			
Type:			Undetermined			
Title:			Groundwater Monitoring Work Plan, Future Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012			
Imported From:			61527#\Heersharepoint1\facilitiesite%20documents\61527.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 23, 2010			
Document No:			52104			
Type:			Undetermined			
Title:			HEER Office Initial Release Notification Form, Lowe's HIW Inc, Release of Storm Water from 411 & 439 Pacific St, Honolulu HI, Dec 20, 2010			
Imported From:			93750#\Heersharepoint1\facilitiesite%20documents\93750.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 7, 2011			
Document No:			52103			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:			Undetermined			
Title:			HEER Office Initial Release Notification Form, Lowe's Iwilei, City and County of Honolulu Storm Drain at 411 & 439 Pacific St & 411 Alakawa St			
Imported From:			93985#\Heersharepoint1\facilitiesite%20documents\93985.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			52145			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47561#\Heersharepoint1\facilitiesite%20documents\47561.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			52262			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47560#\Heersharepoint1\facilitiesite%20documents\47560.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 1996			
Document No:			46992			
Type:			Undetermined			
Title:			Honolulu Harbor Technical Workgroup Meeting Action Items			
Imported From:			47556#\Heersharepoint1\facilitiesite%20documents\47556.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 30, 2010			
Document No:			52175			
Type:			Undetermined			
Title:			Initial Release Notification Form			
Imported From:			98852#\Heersharepoint1\facilitiesite%20documents\98852.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 8, 2011			
Document No:			52115			
Type:			Undetermined			
Title:			Initial Release Notification Form, Lowe's HIW Inc, City and County of Honolulu Storm Drain at 411 & 439 Pacific St			
Imported From:			94352#\Heersharepoint1\facilitiesite%20documents\94352.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2007			
Document No:			47016			
Type:			Undetermined			
Title:			Letter from Keith saying not to build store before Final RAM			
Imported From:			2007-100#Q:\2007 Final Correspondence (Day File)\07-100-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 3, 2015			
Document No:			51766			
Type:			Letter of Completion			
Title:			Letter of Completion pursuant to the Voluntary Response Program Agreement, dated Feb 25, 2005 between Lowe's HIW, Inc and the State of Hawaii Department of Health			
Imported From:			2015-616#Q:\2015 Final Correspondence (Day File)\15-616-JQN.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2014			
Document No:			52158			
Type:			Undetermined			
Title:			Letter Report Groundwater Monitoring Well Abandonment, Lowe's HIW Inc, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 & 012			
Imported From:			110928#\Heersharepoint1\facilitiesite%20documents\110928.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 2014			
Document No:			52156			
Type:			Undetermined			
Title:			Letter Report, Final Free Product Recovery, Jan and Feb 2014, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 012			
Imported From:			110989#\Heersharepoint1\facilitiesite%20documents\110989.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 20, 2004			
Document No:			47039			
Type:			Undetermined			
Title:			Letter requesting closure plan			
Imported From:			2004-397#Q:\2004 Final Correspondence (Day File)\04-397-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 2007			
Document No:			19465			
Type:			Undetermined			
Title:			Revised Lowe's HIW VRP Task 3-Detailed Work Plan			
Imported From:			\facilitiesite documents\media6268\6268.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 30, 2005			
Document No:			51754			
Type:			Undetermined			
Title:			Revised Phase I ESA ConocoPhillips Honolulu Bulk Fuel Terminal 411 and 439 Pacific St, Honolulu HI and BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-010, 1-1-5-013-012 and 1-1-5-013-02			
Imported From:			36568#\Heersharepoint1\facilitiesite%20documents\36568.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 2, 2014			
Document No:			46989			
Type:			Undetermined			
Title:			Revised Post-Construction EHMP, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu Hawaii			
Imported From:			119494#\Heersharepoint1\facilitiesite%20documents\119494.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2002			
Document No:			51701			
Type:			Undetermined			
Title:			Revised Second Quarter 2002 Groundwater Monitoring Report, Phillips Honolulu Bulk Terminal, 411 Pacific St, Honolulu HI 96819			
Imported From:			126424#\Heersharepoint1\facilitiesite%20documents\126424.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Feb 17, 2009	
Document No:					5227	
Type:					Undetermined	
Title:					Revised Soil Vapor Barrier with Vapor Control System Work Plan, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					58996#\Heersharepoint1\facilitiesite%20documents\58996.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 17, 2009	
Document No:					5229	
Type:					Undetermined	
Title:					Revised Soil Vapor Barrier with Vapor Control System Work Plan, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					\facilitiesite documents\media58996\Thumbs.db	
<u>iHEER System - Documents</u>						
Date :					Feb 17, 2009	
Document No:					5228	
Type:					Undetermined	
Title:					Revised Soil Vapor Barrier with Vapor Control System Work Plan, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					\facilitiesite documents\media58996\108164 Vapor Control System Work Plan 2-17-09.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 20, 2008	
Document No:					47027	
Type:					Undetermined	
Title:					Revised Task 6- EHE, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					39899#\Heersharepoint1\facilitiesite%20documents\39899.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 2, 2015	
Document No:					51744	
Type:					Undetermined	
Title:					Revised Task 9 EHE (Post-Construction), Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					113506#\Heersharepoint1\facilitiesite%20documents\113506.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 30, 1999	
Document No:					52143	
Type:					Undetermined	
Title:					Site Assessment Report	
Imported From:					39854#\Heersharepoint1\facilitiesite%20documents\39854.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 8, 1999	
Document No:					52191	
Type:					Undetermined	
Title:					Site Assessment Report Tosco Honolulu Terminal 411 Pacific St, Honolulu HI	
Imported From:					1240#\Heersharepoint1\facilitiesite%20documents\1240.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			May 9, 1996			
Document No:			52120			
Type:			Undetermined			
Title:			Soil Stockpile Sampling Unocal Honolulu Bulk Terminal 411 Pacific St, Honolulu HI			
Imported From:			39856#\Heersharepoint1\facilitiesite%20documents\39856.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 3, 2009			
Document No:			47030			
Type:			Undetermined			
Title:			Soil Vapor Barrier with Vapor Control System Work Plan, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012			
Imported From:			58843#\Heersharepoint1\facilitiesite%20documents\58843.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2013			
Document No:			52297			
Type:			Undetermined			
Title:			Soil Vapor Monitoring 3rd Quarter 2012, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012			
Imported From:			102115#\Heersharepoint1\facilitiesite%20documents\102115.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 28, 2014			
Document No:			51691			
Type:			Undetermined			
Title:			Soil Vapor Monitoring Annual Report 2014 Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012			
Imported From:			112028#\Heersharepoint1\facilitiesite%20documents\112028.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2013			
Document No:			52320			
Type:			Undetermined			
Title:			Soil Vapor Monitoring Report 1st Quarter 2013, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			106503#\Heersharepoint1\facilitiesite%20documents\106503.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 9, 2012			
Document No:			52313			
Type:			Undetermined			
Title:			Soil Vapor Monitoring Report 2nd and 3rd Quarter 2011, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			100305#\Heersharepoint1\facilitiesite%20documents\100305.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 10, 2008			
Document No:			52137			
Type:			Undetermined			
Title:			LNAPL Sump Pilot Test Work Plan, Former ConocoPhillips Honolulu Terminal, Honolulu HI			
Imported From:			39903#\Heersharepoint1\facilitiesite%20documents\39903.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 17, 2009			
Document No:			5230			
Type:			Undetermined			
Title:			Lowe's VRP - Revised Soil Vapor Barrier with Vapor Control System Work Plan			
Imported From:			58995#\Heersharepoint1\facilitsite%20documents\58995.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 28, 2007			
Document No:			27561			
Type:			Undetermined			
Title:			Lowe's VRP Task 6, EHE			
Imported From:			6998#\Heersharepoint1\facilitsite%20documents\6998.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2008			
Document No:			8323			
Type:			Undetermined			
Title:			Lowe's VRP Task 6- EHE			
Imported From:			\facilitsite documents\media7155\107044_Lowe's VRP Task 6 Hazard Analysis.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2008			
Document No:			8322			
Type:			Undetermined			
Title:			Lowe's VRP Task 6- EHE			
Imported From:			7155#\Heersharepoint1\facilitsite%20documents\7155.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 8, 2008			
Document No:			47002			
Type:			Undetermined			
Title:			Memo for deposit of Lowe's VRP check of \$13,250			
Imported From:			2008-595#Q:\2008 Final Correspondence (Day File)\08-595-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2008			
Document No:			52318			
Type:			Undetermined			
Title:			Memo for draft RAM			
Imported From:			2008-232#Q:\2008 Final Correspondence (Day File)\08-232-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 23, 2007			
Document No:			47044			
Type:			Undetermined			
Title:			Memo for receipt of \$6,475			
Imported From:			2007-127#Q:\2007 Final Correspondence (Day File)\07-127-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 23, 2018			
Document No:			47012			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		New HDOH PM - BEI Hawaii (Lowe's of Iwilei, HI #2336)				
Imported From:		\\facilitysite documents\media133942\HDOH Response Letter_2018-10-23.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 2015				
Document No:		51759				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action (NFA) with Institutional Controls.				
Imported From:		2015-574#Q:\2015 Final Correspondence (Day File)\15-574-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 25, 2010				
Document No:		51747				
Type:		Undetermined				
Title:		Phase I ESA Building 261 and 108 Anti-Terrorism-Force-Protection (ATFP) Buffer Area, NCTAMS PAC, Wahiawa, Oahu HI, Mar 2010				
Imported From:		62833#\Heersharepoint1\facilitysite%20documents\62833.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 28, 2005				
Document No:		51750				
Type:		Undetermined				
Title:		Phase I ESA ConocoPhillips Honolulu Bulk Fuel Terminal 411 and 439 Pacific St, Honolulu HI and BEI Hawaii Facility, 311 Pacific St, Honolulu HI, TMK 1-1-5-013-010, 1-1-5-013-012, and 1-1-5-013-023				
Imported From:		36566#\Heersharepoint1\facilitysite%20documents\36566.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 27, 2005				
Document No:		51751				
Type:		Undetermined				
Title:		Phase I ESA, BEI Hawaii Facility, 311 Pacific St, Honolulu HI and ConocoPhillips Honolulu Bulk Fuel Terminal				
Imported From:		2986#\Heersharepoint1\facilitysite%20documents\2986.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 29, 1999				
Document No:		52242				
Type:		Undetermined				
Title:		Phase II Assessment Report Tosco Honolulu Terminal 411 Pacific St, Honolulu HI				
Imported From:		918#\Heersharepoint1\facilitysite%20documents\918.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 15, 2011				
Document No:		52169				
Type:		Undetermined				
Title:		Review of Groundwater Monitoring Report, Jul 2010 Lowe's HIW Retail Store, Nov 8, 2011 by ESI				
Imported From:		2011-662#Q:\2011 Final Correspondence (Day File)\11-662-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		May 6, 2010				
Document No:		52251				
Type:		Undetermined				
Title:		Review of Letter from ESI on Hazardous Waste Site Designation				
Imported From:		2010-296#Q:\2010 Final Correspondence (Day File)\10-296-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 28, 2005
Document No: 51737
Type: Undetermined
Title: Review of Phase I ESA for Brewer Property and the ConocoPhillips Tank Farm, 311 and 411 Pacific St
Imported From: 2005-373#Q:\2005 Final Correspondence (Day File)\05-373-MS.pdf

iHEER System - Documents

Date : Jan 17, 2008
Document No: 47008
Type: Undetermined
Title: Review of Public Participation Plan
Imported From: 2008-035#Q:\2008 Final Correspondence (Day File)\08-035-MS.pdf

iHEER System - Documents

Date : May 15, 2008
Document No: 46997
Type: Undetermined
Title: Review of Remedial Excavation Work Plan
Imported From: 2008-334#Q:\2008 Final Correspondence (Day File)\08-334-MS.pdf

iHEER System - Documents

Date : Mar 10, 2005
Document No: 51742
Type: Undetermined
Title: Review of Site Investigation for Brewer property as part of the Lowe's VRP
Imported From: 2005-132#Q:\2005 Final Correspondence (Day File)\05-132-MS.pdf

iHEER System - Documents

Date : Feb 6, 2009
Document No: 52268
Type: Undetermined
Title: review of Soil vapor barrier WP
Imported From: 2009-076#Q:\2009 Final Correspondence (Day File)\09-076-MS.pdf

iHEER System - Documents

Date : Mar 6, 2013
Document No: 52303
Type: Undetermined
Title: Review of Soil Vapor Monitoring Report 3rd Quarter 2012 Lowe's HIW Retail Store 411 and 439 Pacific St, Jan 29, 2013, by ESI
Imported From: 2013-127#Q:\2013 Final Correspondence (Day File)\13-127-SPM.pdf

iHEER System - Documents

Date : Apr 23, 2013
Document No: 52236
Type: Undetermined
Title: Review of Soil Vapor Monitoring Report 4th Quarter 2012 Lowe's HIW Retail Store 411 and 439 Pacific St, Apr 2, 2013, by ESI
Imported From: 2013-217#Q:\2013 Final Correspondence (Day File)\13-217-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jul 24, 2012
Document No: 52283
Type: Undetermined
Title: Review of Soil Vapor Monitoring Report Second and 3rd Quarter 2011 Lowe's HIW Retail Store 411 and 439 Pacific St, Jul 9, 2012, by ESI
Imported From: 2012-453#Q:\2012 Final Correspondence (Day File)\12-453-MS.pdf

iHEER System - Documents

Date : Jul 26, 2006
Document No: 47043
Type: Undetermined
Title: Review of Task I for the tank farm and the Brewer property
Imported From: 2006-440#Q:\2006 Final Correspondence (Day File)\06-440-MS.pdf

iHEER System - Documents

Date : Jan 28, 2008
Document No: 46999
Type: Undetermined
Title: Review of the Draft RAM
Imported From: 2008-051#Q:\2008 Final Correspondence (Day File)\08-051-MS.pdf

iHEER System - Documents

Date : Jan 28, 2008
Document No: 46998
Type: Undetermined
Title: Review of the Draft RAM
Imported From: 53656#\Heersharepoint1\facilitysite%20documents\53656.pdf

iHEER System - Documents

Date : Aug 5, 2010
Document No: 52271
Type: Undetermined
Title: Concurrence with Revised EHMP for Off-Site Construction
Imported From: 2010-461#Q:\2010 Final Correspondence (Day File)\10-461-SPM.pdf

iHEER System - Documents

Date : Jan 6, 2009
Document No: 52267
Type: Undetermined
Title: Denial of NFA
Imported From: 2009-006#Q:\2009 Final Correspondence (Day File)\09-006-MS.pdf

iHEER System - Documents

Date : May 25, 2005
Document No: 47015
Type: Undetermined
Title: 1st Quarter 2005 Groundwater Monitoring Report, ConocoPhillips Honolulu Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819
Imported From: 39880#\Heersharepoint1\facilitysite%20documents\39880.pdf

iHEER System - Documents

Date : Feb 14, 2014
Document No: 52306

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		4th Quarter 2013 Groundwater Monitoring and Free Product Recovery Report, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI				
Imported From:		109009#\Heersharepoint1\facilitiesite%20documents\109009.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 17, 2010				
Document No:		51689				
Type:		Undetermined				
Title:		Approval of Amended Work Plan				
Imported From:		2010-355#Q:\2010 Final Correspondence (Day File)\10-355-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 7, 2011				
Document No:		52234				
Type:		Undetermined				
Title:		Dewatering Work Plan for Off-Site Construction, Future Lowe's HIW Inc, Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012				
Imported From:		94609#\Heersharepoint1\facilitiesite%20documents\94609.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 19, 2013				
Document No:		46986				
Type:		Undetermined				
Title:		1st Quarter 2013 Groundwater Monitoring and Free Product Recovery Report, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI				
Imported From:		105766#\Heersharepoint1\facilitiesite%20documents\105766.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 17, 2009				
Document No:		52278				
Type:		Undetermined				
Title:		Approval of Revised Soil barrier Work Plan				
Imported From:		2009-094#Q:\2009 Final Correspondence (Day File)\09-094-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 20, 2007				
Document No:		47035				
Type:		Undetermined				
Title:		Approval of Task 4 to the Lowe's VRP				
Imported From:		2007-664#Q:\2007 Final Correspondence (Day File)\07-664-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 2, 2007				
Document No:		51726				
Type:		Undetermined				
Title:		Draft Path Forward Discussion Package, Former ConocoPhillips Terminal, 411 and 439 Pacofoc St, Honolulu Hawaii				
Imported From:		126431#\Heersharepoint1\facilitiesite%20documents\126431.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 22, 2001				
Document No:		51771				
Type:		Undetermined				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					2nd Quarter 2001, Groundwater and Separate-Phase Hydrocarbon Monitoring Report, Tosco Refining Company, Tosco Honolulu Terminal, 411 Pacific St, Honolulu HI	
Imported From:					39861#\Heersharepoint1\facilitiesite%20documents\39861.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 19, 2007	
Document No:					47005	
Type:					Undetermined	
Title:					Approval of Task 5 RAA	
Imported From:					2007-775#Q:\2007 Final Correspondence (Day File)\07-775-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 24, 2007	
Document No:					47037	
Type:					Undetermined	
Title:					Billing letter for Lowe's VRP site	
Imported From:					2007-070#Q:\2007 Final Correspondence (Day File)\07-070-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 25, 2007	
Document No:					52118	
Type:					Undetermined	
Title:					Draft path Forward, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					6681#\Heersharepoint1\facilitiesite%20documents\6681.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 5, 2002	
Document No:					52139	
Type:					Undetermined	
Title:					2nd Quarter 2002 Groundwater Monitoring Report, Phillips Petroleum Company Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819	
Imported From:					39853#\Heersharepoint1\facilitiesite%20documents\39853.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 20, 2012	
Document No:					52200	
Type:					Undetermined	
Title:					Draft Work Plan Nimitz Hwy Lowe's Drainage Culvert Clearing Furnishing Environmental Response Services on the State Highways and Rights-of-way Areas, Honolulu HI Project No Hwy-C-43-08 Revised on Feb 18, 2012	
Imported From:					99222#\Heersharepoint1\facilitiesite%20documents\99222.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 5, 2002	
Document No:					51770	
Type:					Undetermined	
Title:					2nd Quarter 2002 Groundwater Monitoring Report, Phillips Petroleum Company Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819	
Imported From:					39866#\Heersharepoint1\facilitiesite%20documents\39866.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 20, 2009	
Document No:					52273	
Type:					Undetermined	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					EHMP for Construction, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					\\facilitiesite documents\media59051\Lowe's Exposure Prevention Management Plan 2-24-09_lk.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 3, 2012	
Document No:					52288	
Type:					Undetermined	
Title:					2nd Quarter 2012 Groundwater Monitoring Report, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					100555#\Heersharepoint1\facilitiesite%20documents\100555.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2013	
Document No:					46990	
Type:					Undetermined	
Title:					2nd Quarter 2013 Groundwater Monitoring and Free Product Recovery Report, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI	
Imported From:					106505#\Heersharepoint1\facilitiesite%20documents\106505.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 20, 2009	
Document No:					52272	
Type:					Undetermined	
Title:					EHMP for Construction, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					59051#\Heersharepoint1\facilitiesite%20documents\59051.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 20, 2009	
Document No:					52274	
Type:					Undetermined	
Title:					EHMP for Construction, Future Lowe's Home Improvement Warehouse Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012	
Imported From:					\\facilitiesite documents\media59051\Thumbs.db	
<u>iHEER System - Documents</u>						
Date :					Dec 11, 2002	
Document No:					51775	
Type:					Undetermined	
Title:					3rd Quarter 2002 Groundwater Monitoring Report, ConocoPhillips Honolulu Bulk Terminal, 411 Pacific St, Honolulu HI 96819	
Imported From:					39870#\Heersharepoint1\facilitiesite%20documents\39870.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 11, 2002	
Document No:					52122	
Type:					Undetermined	
Title:					3rd Quarter 2002 Groundwater Monitoring Report, ConocoPhillips Honolulu Bulk Terminal, 411 Pacific St, Honolulu HI 96819	
Imported From:					39871#\Heersharepoint1\facilitiesite%20documents\39871.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 20, 2002	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			52099			
Type:			Undetermined			
Title:			3rd Quarter 2002 Groundwater Monitoring Report, Phillips Petroleum Company Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819			
Imported From:			39867#\Heersharepoint1\facilitsite%20documents\39867.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 29, 2010			
Document No:			52260			
Type:			Undetermined			
Title:			EHMP for Off-Site Construction, Future Lowe's HIW Inc, Retail Store, 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012			
Imported From:			91920#\Heersharepoint1\facilitsite%20documents\91920.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2014			
Document No:			52154			
Type:			Undetermined			
Title:			EHMP for Retail Store Operation, Lowe's HIW Retail Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			109300#\Heersharepoint1\facilitsite%20documents\109300.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 25, 2004			
Document No:			52116			
Type:			Undetermined			
Title:			3rd Quarter 2003 Groundwater Monitoring Report, ConocoPhillips Honolulu Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819			
Imported From:			39877#\Heersharepoint1\facilitsite%20documents\39877.pdf			
<u>iHEER System - Documents</u>						
Date :			May 12, 2008			
Document No:			16670			
Type:			Undetermined			
Title:			Former Conoco-Phillips Honolulu Terminal Remedial Excavation Work Plan			
Imported From:			7606#\Heersharepoint1\facilitsite%20documents\7606.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 3, 2012			
Document No:			52305			
Type:			Undetermined			
Title:			3rd Quarter 2012 Groundwater Monitoring and Free Product Recovery Report, Lowe's HIW Retain Store, 411 and 439 Pacific St, Honolulu HI			
Imported From:			101657#\Heersharepoint1\facilitsite%20documents\101657.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2008			
Document No:			47001			
Type:			Undetermined			
Title:			Grading Exemption			
Imported From:			2008-253#Q:\2008 Final Correspondence (Day File)\08-253-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 9, 1999			
Document No:			52110			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Groundwater and Free Product Monitoring Report, Honolulu Terminal, 411 Pacific St, Honolulu HI				
Imported From:		39859#\Heersharepoint1\facilitiesite%20documents\39859.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 13, 2013				
Document No:		52323				
Type:		Undetermined				
Title:		3rd Quarter 2013 Groundwater Monitoring and Free Product Recovery Report Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI Phillips 66 AOC No 03622, TMK 1-1-5-013-010 and 012				
Imported From:		107414#\Heersharepoint1\facilitiesite%20documents\107414.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 26, 2006				
Document No:		51774				
Type:		Undetermined				
Title:		Groundwater Monitoring and Well Abandonment, 3rd Quarter 2006 ConocoPhillips Honolulu Bulk Distribution Terminal, 411 Pacific St, Honolulu 96819 ConocoPhillips RM&R Site No 03622				
Imported From:		39887#\Heersharepoint1\facilitiesite%20documents\39887.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 14, 2003				
Document No:		52280				
Type:		Undetermined				
Title:		4th Quarter 2002 Groundwater Monitoring Report, ConocoPhillips Honolulu Distribution Terminal, 411 Pacific St, Honolulu HI 96819				
Imported From:		39882#\Heersharepoint1\facilitiesite%20documents\39882.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 16, 2008				
Document No:		47022				
Type:		Undetermined				
Title:		Groundwater Monitoring Report, Jul 2007 to Jun 2008, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		58453#\Heersharepoint1\facilitiesite%20documents\58453.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 27, 2007				
Document No:		47006				
Type:		Undetermined				
Title:		Billing letter for VRP				
Imported From:		2007-786#Q:\2007 Final Correspondence (Day File)\07-786-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 6, 1997				
Document No:		47013				
Type:		Undetermined				
Title:		Comments 6 Agreement				
Imported From:		47809#\Heersharepoint1\facilitiesite%20documents\47809.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 9, 2005				
Document No:		47046				
Type:		Undetermined				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Comments to BEI and ConocoPhillips Site file review				
Imported From:		2005-459#Q:\2005 Final Correspondence (Day File)\05-459-LY.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 16, 2008				
Document No:		47024				
Type:		Undetermined				
Title:		Groundwater Monitoring Report, Jul 2007 to Jun 2008, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		\\facilitysite documents\media58453\108080 COP Terminal Groundwater Sampling Report 12-16-08.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 16, 2008				
Document No:		47023				
Type:		Undetermined				
Title:		Groundwater Monitoring Report, Jul 2007 to Jun 2008, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		\\facilitysite documents\media58453\98262.pdf.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 17, 2004				
Document No:		51772				
Type:		Undetermined				
Title:		4th Quarter 2003 Groundwater Monitoring Report, ConocoPhillips Honolulu Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819				
Imported From:		39879#\Heersharepoint1\facilitysite%20documents\39879.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 29, 2010				
Document No:		52249				
Type:		Undetermined				
Title:		Concurrence with Off Site Non-intrusive Surface Activities related to Lowe's Iwilei Store Construction				
Imported From:		2010-437#Q:\2010 Final Correspondence (Day File)\10-437-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 16, 2008				
Document No:		47025				
Type:		Undetermined				
Title:		Groundwater Monitoring Report, Jul 2007 to Jun 2008, Former ConocoPhillips Terminal, 411 and 439 Pacific St, Honolulu HI				
Imported From:		\\facilitysite documents\media58453\Thumbs.db				
<u>iHEER System - Documents</u>						
Date :		Nov 8, 2011				
Document No:		52182				
Type:		Undetermined				
Title:		Groundwater Monitoring Report, Jul 2010, Lowe's HIW Inc, 411 and 439 Pacific St, Honolulu HI, Nov 8, 2011				
Imported From:		96661#\Heersharepoint1\facilitysite%20documents\96661.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 25, 2003				
Document No:		52111				
Type:		Undetermined				
Title:		1st Quarter 2003 Groundwater Monitoring Letter Report, ConocoPhillips Honolulu Bulk Distribution Terminal, 411				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: Pacific St, Honolulu HI 96819
39872#\Heersharepoint1\facilitiesite%20documents\39872.pdf

iHEER System - Documents

Date : Jul 23, 2012
Document No: 52298
Type: Undetermined
Title: 4th Quarter 2011 & 1st Quarter 2012 Groundwater Monitoring Report, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI
Imported From: 100478#\Heersharepoint1\facilitiesite%20documents\100478.pdf

iHEER System - Documents

Date : Feb 2, 2011
Document No: 52102
Type: Undetermined
Title: Concurrence with Proper Installation of Duomar in the On-Site Pre-Cast Joints of the Lowe's HIW Storm Drain Box Culvert
Imported From: 2011-059#Q:\2011 Final Correspondence (Day File)\11-059-SPM.pdf

iHEER System - Documents

Date : May 8, 2012
Document No: 52181
Type: Undetermined
Title: Groundwater Monitoring Well Installation and Sampling Report, Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012
Imported From: 99438#\Heersharepoint1\facilitiesite%20documents\99438.pdf

iHEER System - Documents

Date : Jul 25, 2003
Document No: 52127
Type: Undetermined
Title: 1st Quarter 2003 Groundwater Monitoring Letter Report, ConocoPhillips Honolulu Bulk Distribution Terminal, 411 Pacific St, Honolulu HI 96819
Imported From: 39875#\Heersharepoint1\facilitiesite%20documents\39875.pdf

iHEER System - Documents

Date : Feb 28, 2013
Document No: 52304
Type: Undetermined
Title: 4th Quarter 2012 Groundwater Monitoring and Free Product Recovery Report Lowe's HIW Retail Store 411 and 439 Pacific St, Honolulu HI, TMK 1-1-5-013-010 and 012
Imported From: 102343#\Heersharepoint1\facilitiesite%20documents\102343.pdf

iHEER System - Locations Details

Locations ID: 1881
Location Type: SC
Description: Old TOSCO Terminal 0282
Comment : Google Maps TMKs 115013010, 115013012,115013023
Centroid: POINT (-157.872731 21.315376999999998)
Geometry:

POINT (-157.872731 21.315376999999998)

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Locations ID: 7481
Location Type: NFAIC
Description: NFAIC TOSCO 0282
Comment : Google Maps and TMKs 115013010, 012, 023
Centroid: POINT (-157.87277350719665 21.315141813041993)
Geometry:

POLYGON ((-157.87246143799536 21.316631239490153, -157.8742531536204 21.315831650852616, -157.87406539898862 21.315401870160354, -157.8742048738541 21.315326908282504, -157.87385082226146 21.31466724211095, -157.87366306762971 21.314422365277764, -157.8735074995088 21.314307422950154, -157.87331974487702 21.314182485535177, -157.87218785267089 21.313932610387205, -157.87169969063729 21.313882635305905, -157.87149584275008 21.313977587944894, -157.87144756298378 21.314057548014745, -157.871393918802 21.314227463017179, -157.87140464764195 21.314412370296882, -157.8714368341528 21.31454230500211, -157.8715119360055 21.3147322093656, -157.87154948693188 21.31491211853578, -157.87161922436007 21.315077035081895, -157.87246143799536 21.316631239490153))

Site Details

Centroid: POINT (-157.872731 21.315376999999998)
Updated On: 3/5/2021 9:40:43 AM
Coordinates: 21.315376999999998,-157.872731

iHEER System - Aliases

Name: Tosco Honolulu Bulk Distribution Terminal

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Lowe's Iwilei VRP Lowes

iHEER System - Aliases

Name: Lowe's Iwilei

iHEER System - Aliases

Name: TOSCO Corporation-Honolulu Terminal #0282

iHEER System - Aliases

Name: Vapor Barrier

iHEER System - Aliases

Name: Conoco Phillips

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: TOSCO Corporation Honolulu Terminal #0282

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Construction EHMP

275	2 of 2	NW	0.83 / 4,387.50	3.28 / 0	Lowe's Iwilei 411 Pacific St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2421
Site Name (Public iHEER): Lowe's Iwilei
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, Lowes, Tosco Honolulu Bulk Distribution Terminal
Street (Public iHEER): 411 Pacific St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): VRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/31/2021 8:25:48 PM
Ms Access ID (Public iHEER): 2103
Suppl Loc (Public iHEER): 411 Pacific St, 439 PACIFIC ST, Nimitz Hwy
Tax Map Keys (Public iHEER): 115013010, 115013012
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2421
Site Name (PORTAL): Lowe's Iwilei
Loc Desc (PORTAL): 411 Pacific St, 439 PACIFIC ST, Nimitz Hwy
Address (PORTAL): 411 Pacific St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): VRP
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2421/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 25, 2010
Document No: 147384
Type: Undetermined
Title: Site Entrance Acknowledgement to Lowe's Iwilei Site by Liz on 8/25/10 & 8/26/10
Imported From: 92857#\Heersharepoint1\facilitsite%20documents\92857.pdf

iHEER System - Documents

Date :
Document No: 145926
Type: Undetermined
Title: Site photos and site figures
Imported From: 126908#\Heersharepoint1\facilitsite%20documents\126908.pdf

iHEER System - Documents

Date : Sep 13, 2010
Document No: 145934
Type: Undetermined
Title: Use and Occupancy Agreement #79
Imported From: 125011#\Heersharepoint1\facilitsite%20documents\125011.pdf

iHEER System - Documents

Date : Feb 25, 2005
Document No: 145930
Type: Undetermined
Title: Voluntary Response Program Agreement Between Lowe's HIW, Inc and State of Hawaii, Department of Health
Imported From: 121565#\Heersharepoint1\facilitsite%20documents\121565.pdf

iHEER System - Documents

Date : Mar 20, 2008
Document No: 147392
Type: Undetermined
Title: Fact Sheet Voluntary Response Program - Lowe's Development of Former Terminal Site, Iwilei, Hawaii
Imported From: 122058#\Heersharepoint1\facilitsite%20documents\122058.pdf

iHEER System - Documents

Date : Aug 31, 2010
Document No: 145927
Type: Undetermined
Title: Notice of Interest 8/31/10 - Lowe's Iwilei - Acknowledgement of Receipt
Imported From: 92836#\Heersharepoint1\facilitsite%20documents\92836.pdf

iHEER System - Documents

Date : Mar 28, 2011
Document No: 147393
Type: Undetermined
Title: Notice of Interest concerning U.S. Army pipelines on Nimitz Hwy corridor, Particularly in the Area fronting Lowe's
Imported From: 94786#\Heersharepoint1\facilitsite%20documents\94786.pdf

iHEER System - Documents

Date : Apr 12, 2011
Document No: 147385
Type: Undetermined
Title: Notice of Interest in a Release or Threatened Release of Hazardous Substances Case ID 20110309-1300, Mar 29,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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2011
Imported From: 94917#\Heersharepoint1\facilitiesite%20documents\94917.pdf

iHEER System - Documents

Date : Mar 9, 2011
Document No: 147387
Type: Undetermined
Title: Pictures of oil in valve pit on Nimitz Hwy - Lowe's Iwilei - 20110309-1300
Imported From: \facilitiesite documents\media94650\P3090457.JPG

iHEER System - Documents

Date : Mar 9, 2011
Document No: 147389
Type: Undetermined
Title: Pictures of oil in valve pit on Nimitz Hwy - Lowe's Iwilei - 20110309-1300
Imported From: \facilitiesite documents\media94650\P3090458.JPG

iHEER System - Documents

Date : Mar 9, 2011
Document No: 147391
Type: Undetermined
Title: Pictures of oil in valve pit on Nimitz Hwy - Lowe's Iwilei - 20110309-1300
Imported From: \facilitiesite documents\media94650\P3090456.JPG

iHEER System - Documents

Date : Mar 9, 2011
Document No: 147388
Type: Undetermined
Title: Pictures of oil in valve pit on Nimitz Hwy - Lowe's Iwilei - 20110309-1300
Imported From: \facilitiesite documents\media94650\Thumbs.db

iHEER System - Documents

Date : Mar 9, 2011
Document No: 147390
Type: Undetermined
Title: Pictures of oil in valve pit on Nimitz Hwy - Lowe's Iwilei - 20110309-1300
Imported From: \facilitiesite documents\media94650\P3090455.JPG

iHEER System - Documents

Date : Aug 2, 2010
Document No: 147386
Type: Undetermined
Title: Site Entrance Acknowledgement to Lowe's Iwilei Site by Liz on 8/2/10
Imported From: 93672#\Heersharepoint1\facilitiesite%20documents\93672.pdf

iHEER System - Locations Details

Locations ID: 2165
Location Type: SC
Description: Lowe's Iwilei
Comment :
Centroid: POINT (-157.87273400000004 21.315681999999985)
Geometry:

POINT (-157.87273400000004 21.315681999999985)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 7482
Location Type: NFAIC
Description: NFAIC Lowe's Iwilei
Comment : Google Maps and TMKs 151013010, 012
Centroid: POINT (-157.8730199911177 21.315526891421417)
Geometry:

POLYGON ((-157.87425078920066 21.315846798553565, -157.8724724846233 21.316618901324766, -157.87219085267566 21.316129153759395, -157.87189580968925 21.315566941530246, -157.87169464400981 21.31519463091395, -157.87202187350704 21.315057200582043, -157.87288554481319 21.314794833228405, -157.87304915956634 21.31473486348159, -157.87363656334028 21.314547457864371, -157.87367947868211 21.314529966661205, -157.87372507623172 21.31454246037784, -157.87376799158253 21.314589936491682, -157.87379213146122 21.314592435234584, -157.87388064436158 21.314722369781329, -157.87415422967706 21.315214620770234, -157.87397452167747 21.315302076356591, -157.87425078920066 21.315846798553565))

Site Details

Centroid: POINT (-157.87273400000004 21.315681999999985)
Updated On: 1/31/2021 8:25:48 PM
Coordinates: 21.315681999999985,-157.87273400000004

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Tosco Honolulu Bulk Distribution Terminal

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Lowes

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
276	1 of 1	NNW	0.83 / 4,395.14	6.56 / 3	Dole Cannery Complex 650 Iwilei Rd Honolulu HI 96817	SHWS

iHEER ID (Public iHEER): 1845
Site Name (Public iHEER): Dole Cannery Complex
Aliases (Public iHEER): Brownfields Low Priority Site, Dole Iwilei, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding
Street (Public iHEER): 650 Iwilei Rd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/31/2019 10:00:22 PM
Ms Access ID (Public iHEER): 2617
Suppl Loc (Public iHEER): 650 Iwilei Rd
Tax Map Keys (Public iHEER): 115012010
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1845
Site Name (PORTAL): Dole Cannery Complex
Loc Desc (PORTAL): 650 Iwilei Rd
Address (PORTAL): 650 Iwilei Rd
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1845/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Dec 3, 2021
Document No: 181590
Type: Memo To File
Title: Additional Information on Dole Cannery Complex
Imported From:

iHEER System - Documents

Date : Nov 8, 2018
Document No: 155906
Type: Letter from PRP
Title: Cannery RAA withdrawal related to GASCO
Imported From: 134021#\Heersharepoint1\facilitiesite%20documents\134021.pdf

iHEER System - Documents

Date : Aug 15, 1988
Document No: 172577
Type: Hazardous Substance Written Follow-Up Notification
Title: Case No. 19880815 Supporting Data
Imported From:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 7, 1988
Document No: 172576
Type: Hazardous Substance Written Follow-Up Notification
Title: Case No. 19880907 Supporting Data
Imported From:

iHEER System - Documents

Date : Feb 19, 1989
Document No: 172575
Type: Hazardous Substance Written Follow-Up Notification
Title: Case No. 19890130 Supporting Data
Imported From:

iHEER System - Documents

Date : Jun 12, 2013
Document No: 155909
Type: Letter from PRP
Title: Letter of Interest Dole Cannery Complex
Imported From: 105188#\Heersharepoint1\facilitsite%20documents\105188.pdf

iHEER System - Documents

Date : Mar 30, 2012
Document No: 155911
Type: Letter from PRP
Title: Letter of Interest Dole Cannery Complex
Imported From: 98969#\Heersharepoint1\facilitsite%20documents\98969.pdf

iHEER System - Documents

Date : May 9, 2017
Document No: 155910
Type: Letter from PRP
Title: Re: Draft Remedial Alternatives Analysis, Dole Cannery Building, 650 Iwilei Road (Feb 2017)
Imported From: 126557#\Heersharepoint1\facilitsite%20documents\126557.pdf

iHEER System - Documents

Date : Apr 18, 2012
Document No: 155908
Type: Letter from PRP
Title: Summary of Past Environmental Reports, Former Dole Can Plant & Parking Complex, (Apr 18, 2102)
Imported From: 119946#\Heersharepoint1\facilitsite%20documents\119946.pdf

iHEER System - Documents

Date : Jun 20, 1991
Document No: 155907
Type: Undetermined
Title: UST Removal, Dole Can Plant, 650 Iwilei Rd, Sand Island, Honolulu
Imported From: 1419#\Heersharepoint1\facilitsite%20documents\1419.pdf

iHEER System - Locations Details

Locations ID: 2279
Location Type: SC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description:

Comment :

Centroid: POINT (-157.870331 21.31704)

Geometry:

POINT (-157.870331 21.31704)

Site Details

Centroid: POINT (-157.870331 21.31704)

Updated On: 5/31/2019 10:00:22 PM

Coordinates: 21.31704,-157.870331

iHEER System - Aliases

Name: Dole Iwilei

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Brownfields Low Priority Site

[277](#)

1 of 1

SSE

0.83 /
4,407.68

3.28 /
0

Kakaako Improvement District 4
Honolulu HI

DELISTED
SHWS

Delisted HEER Sites of Interest

HID No:

Fac Registry ID: 110013787633

Assessment: Assessment Ongoing

Response:

Resp Act Complete:

Potential Haz/Ctrl: Hazard Undetermined

Date Issued:

Priority:

Engineer Control:

Institutional Control:

Supplemental Location:

Within Design. Area Contam.:

SDAR Enviro Interest Name: Kakaako Improvement District 4

Program Full Name: Brownfields

Use Restrictions: Undetermined

Site Closure Document:

Contact Information: (808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

Nature of Contamination:

Nature of Residual Contam.:

Description of Restrictions:

Doc Subject:

Program Designation:

Data Source(s): HEER Sites of Interest Lookup

Original Source: SHWS

Lead Agency: HEER

Project Manager: Melody Calisay

Document Date:

Document No:

Island: Oahu

Loc State USPS Cd: HI

Loc ZIP Suffix:

Latitude: 21.2917

Longitude: -157.8612

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Record Date:		05-JUN-2019				

278	1 of 1	ESE	0.84 / 4,430.71	3.28 / 0	FUDS Base Yard No. 7 (Blaisdell Center) 777 Ward Avenue Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 3157
Site Name (Public iHEER): FUDS Base Yard No. 7 (Blaisdell Center)
Aliases (Public iHEER):
Street (Public iHEER): 777 Ward Avenue
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): DOD-IRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/22/2021 5:31:08 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): Corner of Ward Ave and Kapiolani Blvd., Honolulu
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3157
Site Name (PORTAL): FUDS Base Yard No. 7 (Blaisdell Center)
Loc Desc (PORTAL): Corner of Ward Ave and Kapiolani Blvd., Honolulu
Address (PORTAL): 777 Ward Avenue
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ISST NFA – NO LETTER
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): DOD-IRP
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3157/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Dec 29, 1993
Document No: 135313
Type: Preliminary Assessment Report
Title: DERP-FUDS Inventory Project Report, Site Survey Summary Sheet for Base Yard No 7, Honolulu, Oahu HI
Imported From: 105222#\Heersharepoint1\facilitiesite%20documents\105222.pdf

iHEER System - Locations Details

Locations ID: 9042
Location Type: SC
Description:
Comment : From Google Map
Centroid: POINT (-157.851426 21.298941999999986)
Geometry:

POINT (-157.851426 21.298941999999986)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.851426 21.298941999999986)
 Updated On: 12/22/2021 5:31:08 PM
 Coordinates: 21.298941999999986,-157.851426

279	1 of 1	NW	0.85 / 4,479.76	3.28 / 0	Chevron Bulk Fuel Loading Rack Driveway 861 N Nimitz Hwy Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 1839
Site Name (Public iHEER): Chevron Bulk Fuel Loading Rack Driveway
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site
Street (Public iHEER): 861 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 3243
Suppl Loc (Public iHEER): 861 N Nimitz Hwy, fronting driveway Chevron Bulk Fuel Loading Rack
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1839
Site Name (PORTAL): Chevron Bulk Fuel Loading Rack Driveway
Loc Desc (PORTAL): 861 N Nimitz Hwy, fronting driveway Chevron Bulk Fuel Loading Rack
Address (PORTAL): 861 N Nimitz Hwy
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1839/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 3584
Location Type: SC
Description:
Comment : Verbal Description
Centroid: POINT (-157.875006 21.315990000000006)
Geometry:

POINT (-157.875006 21.315990000000006)

Site Details

Centroid: POINT (-157.875006 21.315990000000006)
 Updated On: 5/30/2019 8:35:41 PM
 Coordinates: 21.315990000000006,-157.875006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

280	1 of 1	SSE	0.86 / 4,514.70	3.28 / 0	Kakaako Makai District John Dominis 43 Ahui St Honolulu HI 96813	SHWS
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iHEER ID (Public iHEER): 309
Site Name (Public iHEER): Kakaako Makai District John Dominis
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Medium Priority Site, Kakaako Makai
Street (Public iHEER): 43 Ahui St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2073
Suppl Loc (Public iHEER): 43 Ahui St
Tax Map Keys (Public iHEER): 121060013, 121060027
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 309
Site Name (PORTAL): Kakaako Makai District John Dominis
Loc Desc (PORTAL): 43 Ahui St
Address (PORTAL): 43 Ahui St
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/309/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Dec 14, 2010
Document No: 137890
Type: Undetermined
Title: Approval of the EHMP for John Domini's site
Imported From: 2010-743#Q:2010 Final Correspondence (Day File)\10-743-MGC.pdf

iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			182798			
Type:			Undetermined			
Title:			Construction/Design Notes & Maps			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2010			
Document No:			137888			
Type:			Environmental Hazard Management Plan			
Title:			EHMP, 43 Ahui St, Honolulu HI, TMK 1-2-1-060-013			
Imported From:			93519#\Heersharepoint1\facilitiesite%20documents\93519.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2010			
Document No:			137885			
Type:			Undetermined			
Title:			Incomplete special Management Area Use approval Application for Restaurant and Multi-Use Assembly and Hospitality Uses, with Parking and Other Support Facilities, TMK 1-2-1-060-013, Kakaako Community Development District Makai Area, Honolulu, Oahu			
Imported From:			125914#\Heersharepoint1\facilitiesite%20documents\125914.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 2013			
Document No:			137889			
Type:			Undetermined			
Title:			Notice of Violation and Order 53 Ahui St Kakaako Community Development District (CDD) Makai Area, Honolulu, Oahu			
Imported From:			105419#\Heersharepoint1\facilitiesite%20documents\105419.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2010			
Document No:			4813			
Type:			Undetermined			
Title:			Ocean Investment LLC John Dominis Site (TMK 1-2-1-060-013), EHMP for Site			
Imported From:			93518#\Heersharepoint1\facilitiesite%20documents\93518.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 28, 2010			
Document No:			12534			
Type:			Undetermined			
Title:			Ocean Investments LLC John Dominis Site (TMK 1-2-1-060-013) Site Investigation Report and EHE			
Imported From:			93234#\Heersharepoint1\facilitiesite%20documents\93234.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 24, 2013			
Document No:			182797			
Type:			Undetermined			
Title:			Post Construction Soil Management Report & Special Management Area Application Report			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 30, 2010			
Document No:			137887			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Recommendations for the proposed John Dominis site				
Imported From:		2010-435#Q:\2010 Final Correspondence (Day File)\10-435-MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2010				
Document No:		137892				
Type:		Undetermined				
Title:		Site Investigation Report and EHE, 43 Ahui St, Honolulu HI, TMK 1-2-1-060-013, Oct 2010				
Imported From:		\\facilitysite documents\media93235\Appendix I.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2010				
Document No:		137894				
Type:		Undetermined				
Title:		Site Investigation Report and EHE, 43 Ahui St, Honolulu HI, TMK 1-2-1-060-013, Oct 2010				
Imported From:		\\facilitysite documents\media93235\SI-EHE 20101022.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2010				
Document No:		137891				
Type:		Undetermined				
Title:		Site Investigation Report and EHE, 43 Ahui St, Honolulu HI, TMK 1-2-1-060-013, Oct 2010				
Imported From:		\\facilitysite documents\media93235\Appendix III.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 28, 2010				
Document No:		137893				
Type:		Undetermined				
Title:		Site Investigation Report and EHE, 43 Ahui St, Honolulu HI, TMK 1-2-1-060-013, Oct 2010				
Imported From:		\\facilitysite documents\media93235\Appendix II.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 12, 2010				
Document No:		183407				
Type:		Undetermined				
Title:		SMA Public Hearing Procedure & Agenda				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 10, 2010				
Document No:		137886				
Type:		Undetermined				
Title:		Special Management Area (SMA) Use Approval for Restaurant and Multi-Use Assembly and Hospitality Uses at the Makai Area of Kakaako Community Development District (CDD)				
Imported From:		93424#\Heersharepoint1\facilitysite%20documents\93424.pdf				
<u>iHEER System - Locations Details</u>						
Locations ID:		5247				
Location Type:		EHMP				
Description:		EHMP Kakaako John Dominis				
Comment :		Google Maps and Doc 137888				
Centroid:		POINT (-157.86082197994969 21.291385641074744)				
Geometry:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POLYGON ((-157.86107597504409 21.291632246322703, -157.86093918238637 21.291549774914419, -157.86082652960735 21.291714717684716, -157.86040005836972 21.291459806052874, -157.86072192345148 21.291024955779633, -157.86126104746813 21.291369837136273, -157.86107597504409 21.291632246322703))

iHEER System - Locations Details

Locations ID: 5248
Location Type: SC
Description: Kakaako John Dominis
Comment : Google Maps
Centroid: POINT (-157.86084300000002 21.291376999999997)
Geometry:

POINT (-157.86084300000002 21.291376999999997)

Site Details

Centroid: POINT (-157.86084300000002 21.291376999999997)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.291376999999997,-157.86084300000002

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Medium Priority Site

<u>281</u>	1 of 1	NNW	0.86 / 4,550.38	6.56 / 3	Cutter Dodge Dillingham 735 Dillingham Blvd Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2617
Site Name (Public iHEER): Cutter Dodge Dillingham
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Harry and Jeanette Weinberg Foundation Inc, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3, Honolulu High-Capacity Transit Corridor Project, Honolulu Rail Transit Project
Street (Public iHEER): 735 Dillingham Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): SHWB
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): FALSE
Updated on (Public iHEER): 7/1/2022 12:42:52 PM
Ms Access ID (Public iHEER): 169
Suppl Loc (Public iHEER): 735 Dillingham Blvd, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115007016, 115015001, 115015003, 115015004, 115015005
iHEER ID (Non Public iHEER): 2617
Site Name (Non Public iHEER): Cutter Dodge Dillingham
Address (Non Public iHEER): 735 Dillingham Blvd
City State Zip (Non Public): Honolulu HI 96817

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Suppl Loc Text(Non Public):
iHEER ID (PORTAL):
Site Name (PORTAL):
Loc Desc (PORTAL):
Address (PORTAL):
County (PORTAL):
Island (PORTAL):
Status (PORTAL):
Priority (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Assigned Rpm (PORTAL):
Details URL (PORTAL):
Data Source(s): Public Sites in IHEER (11/22/2022); Non Public Sites in IHEER (01/13/2022)

Site Details

Centroid: POINT (-157.868088 21.318633000000013)
Updated On: 7/1/2022 12:42:52 PM
Coordinates: 21.318633000000013,-157.868088

282	1 of 1	NNW	0.86 / 4,564.79	6.56 / 3	Dole Cannery 801 Dillingham Blvd Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 928
Site Name (Public iHEER): Dole Cannery
Aliases (Public iHEER): Brownfields Medium Priority Site, Castle and Cooke Properties, Inc., Dole Cannery, Dole Cannery Complex, Dole Iwilei, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Iwilei Development Properties, SLR 3.2ft Flooding
Street (Public iHEER): 801 Dillingham Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 12:38:07 PM
Ms Access ID (Public iHEER): 190
Suppl Loc (Public iHEER): 801 Dillingham Blvd, 650 Iwilei Rd
Tax Map Keys (Public iHEER): 115010009, 115012007, 115012010, 115012011, 115012012, 115012017, 115015011, 115015013, 115039015
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 928
Site Name (PORTAL): Dole Cannery
Loc Desc (PORTAL): 801 Dillingham Blvd, 650 Iwilei Rd
Address (PORTAL): 801 Dillingham Blvd
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer/#/site/928/details/view
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Aug 22, 2011
Document No: 18241
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-50 - GROUNDWATER - Xylenes.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18243
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-08 - SOILS - 00'-04' - TPH-G.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18245
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-69 - Mass of Off-Site Contamination.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18247
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-41 - SOILS - Vertical Profile A-A' - TPH-G.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18249
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-25 - SOILS - 12'+ - Benzo(a)pyrene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18251
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix B Photographs\Appendix B.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18253
Type: Remedial Investigation Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\\facilitysite documents\media124608\Appendices\Appendix C Laboratory Data Reports\Appendix C.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18255	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\\facilitysite documents\media124608\Appendices\Appendix I Hazard Screening\Thumbs.db	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18257	
Type:					Remedial Investigation Work Plan	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\\facilitysite documents\media124608\Appendices\Appendix D Data Validation\Appendix D.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18260	
Type:					Removal Action Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\\facilitysite documents\media124608\Appendices\Appendix F COPC Screening\Appendix F.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18262	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\\facilitysite documents\media124608\Appendices\Appendix H Trend Analysis\Appendix H_Trends.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 12, 2007	
Document No:					18587	
Type:					Remedial Action Completion Report	
Title:					Remediation Summary Report	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\39693_Remedial Summary Report.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 11, 1991	
Document No:					19902	
Type:					Undetermined	
Title:					Removal of USTs	
Imported From:					1053#\Heerssharepoint1\facilitysite%20documents\1053.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 14, 1995	
Document No:					18105	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:			Undetermined			
Title:			Report for Soil Gas Sampling Castle & Cooke Iwilei Properties, Honolulu HI			
Imported From:			37046#\Heersharepoint1\facilitsite%20documents\37046.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 23, 1995			
Document No:			18140			
Type:			Undetermined			
Title:			Request for Information Honolulu Harbor Petroleum Contaminated Area Honolulu Hawaii			
Imported From:			126413#\Heersharepoint1\facilitsite%20documents\126413.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 16, 1995			
Document No:			18680			
Type:			Undetermined			
Title:			Request for Information, Honolulu Harbor Petroleum Contaminated Area, Honolulu HI			
Imported From:			1099#\Heersharepoint1\facilitsite%20documents\1099.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 25, 1993			
Document No:			19910			
Type:			Undetermined			
Title:			Request for Public Records, BESD Job 3342, Many Sites in the Iwilei/Dillingham Blvd Area, Honolulu HI			
Imported From:			1127#\Heersharepoint1\facilitsite%20documents\1127.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 10, 1998			
Document No:			18306			
Type:			Response Action Memorandum			
Title:			Response Action Memorandum			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Home Depot\37927.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 19, 2006			
Document No:			18612			
Type:			Undetermined			
Title:			Review of Task 2 Scope of Remedial Investigation and Voluntary Response Action Sprint			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\06-586-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 6, 2006			
Document No:			18596			
Type:			Undetermined			
Title:			Review of Task I Revised Summary of Historical Environmental Information Sprint			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\06-548-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 26, 2004			
Document No:			18408			
Type:			Review Letter			
Title:			Review of Well Installation Work Plan Costco			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\04-029 MS.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :			Mar 10, 2010			
Document No:			18448			
Type:			Review Letter			
Title:			Review of Work Plan Supplemental Soil, Groundwater and Soil Vapor Sampling Plan Dole Cannery			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\10-163-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 28, 2015			
Document No:			18150			
Type:			Undetermined			
Title:			Review of: Draft Treatability Study Report GASCO Contamination at the Dole Cannery, 2 Apr, 2015, by Weston Solutions, Inc			
Imported From:			2015-243#Q:\2015 Final Correspondence (Day File)\15-243-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 28, 2013			
Document No:			18108			
Type:			Undetermined			
Title:			Review of: Revised Dole Cannery Building Suite 105 Horizontal Extraction Well Installation Work Plan (WP), Oct 24, 2013, by Weston Solutions, Inc			
Imported From:			2013-557#Q:\2013 Final Correspondence (Day File)\13-557-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 28, 2013			
Document No:			20831			
Type:			Undetermined			
Title:			Review of: Revised Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building, 24 Oct 2013, by Weston Solutions, Inc			
Imported From:			2013-556#Q:\2013 Final Correspondence (Day File)\13-556-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 4, 2007			
Document No:			18602			
Type:			Response Action Memorandum			
Title:			Revised Draft Response Action Memorandum, 925 Dillingham Boulevard, Honolulu			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39694_Revised DRAM.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 13, 2001			
Document No:			18392			
Type:			Remedial Alternatives Analysis Report			
Title:			Revised Fifth Work Plan Addendum Remedial Action Alternatives Assessment and Selection Costco			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36858.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 17, 1998			
Document No:			18298			
Type:			Undetermined			
Title:			Revised Human Health Risk Assessment			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37948.pdf			
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 30, 1998			
Document No:			18293			
Type:			Undetermined			
Title:			Revised Potential Ecological and Human Health Risk from Groundwater			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37929.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2006			
Document No:			18400			
Type:			Remedial Alternatives Analysis Report			
Title:			Revised Remedial Alternative Analysis Report Costco			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36907_Revised RAA.pdf			
<u>iHEER System - Documents</u>						
Date :			May 1, 2007			
Document No:			18610			
Type:			Remedial Alternatives Analysis Report			
Title:			Revised Remedial Alternative Analysis Report, 925 Dillingham Blvd., Honolulu			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39691_Revised RAA.pdf			
<u>iHEER System - Documents</u>						
Date :			May 9, 2019			
Document No:			18159			
Type:			Undetermined			
Title:			Revised Soil Gas and Indoor Air Monitoring at the Dole Cannery Building Revision 1			
Imported From:			137671#\Heersharepoint1\facilitysite%20documents\137671.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 12, 2006			
Document No:			18589			
Type:			Undetermined			
Title:			Revised Soil Vapor Sampling Report, Sprint Loy, 925 Dillingham Blvd, Honolulu			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39686_Revised Soil Vapor.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18576			
Type:			Undetermined			
Title:			Revised Task 2: Scope of Remedial Investigation and Voluntary Response Action			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39680.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18621			
Type:			Undetermined			
Title:			RFI -Reponse Shell			
Imported From:			\facilitysite documents\media105023\002_RFI Response\44\0127BE02.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18618			
Type:			Undetermined			
Title:			RFI -TOSCO			
Imported From:			\facilitysite documents\media105023\002_RFI Response\48\0127BE1F.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :
Document No: 18628
Type: Undetermined
Title: RFI Response BHP Iwilei and others
Imported From: \facilitysite documents\media105023\002_RFI Response\47\0127BE1C.pdf

iHEER System - Documents

Date :
Document No: 18639
Type: Undetermined
Title: RFI- Responsive to Question 5
Imported From: \facilitysite documents\media105023\002_RFI Response\46\0127BE14.pdf

iHEER System - Documents

Date :
Document No: 18641
Type: Undetermined
Title: RFI-Responsive to Question 8
Imported From: \facilitysite documents\media105023\002_RFI Response\49\0127BE23.pdf

iHEER System - Documents

Date :
Document No: 18630
Type: Undetermined
Title: RFI-Responsive to Questions 4 & 6
Imported From: \facilitysite documents\media105023\002_RFI Response\43\0127BDFC.pdf

iHEER System - Documents

Date :
Document No: 18623
Type: Undetermined
Title: RFI-Responsive to Questions 4, 5, 6, 7
Imported From: \facilitysite documents\media105023\002_RFI Response\44\0127BE04.pdf

iHEER System - Documents

Date :
Document No: 18633
Type: Undetermined
Title: RFI-Responsive to Questions 4, 6, 7
Imported From: \facilitysite documents\media105023\002_RFI Response\43\0127BDFD.pdf

iHEER System - Documents

Date :
Document No: 18627
Type: Undetermined
Title: RFI-Responsive to Questions 5 & 6
Imported From: \facilitysite documents\media105023\002_RFI Response\47\0127BE19.pdf

iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18636			
Type:			Undetermined			
Title:			RFL_ REsponsive to Question 4			
Imported From:			\facilitysite documents\media105023\002_RFI Response\46\0127BE0C.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2000			
Document No:			18294			
Type:			Undetermined			
Title:			Risk Management Plan			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37928.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 29, 2006			
Document No:			18605			
Type:			Undetermined			
Title:			RTC of Task 1 Revised Summary of Historical Environmental Information			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Sprint PCS Call Center\39684.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2002			
Document No:			18402			
Type:			Response to Comments			
Title:			RTC on Review of Updated Costco Warehouse Site RI Report & Final Report Human Health Risk Assessment			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\93269.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 29, 1990			
Document No:			19908			
Type:			Undetermined			
Title:			Schedule for Chemical Safety Audit at Dole Packaged Foods Co. Scheduled for 11/14 Sep 1990			
Imported From:			1222.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 29, 2003			
Document No:			18380			
Type:			Monitoring Report			
Title:			Second Quarter 2003 Groundwater Monitoring Program Status Report			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36895.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2008			
Document No:			18428			
Type:			Monitoring Report			
Title:			Second Quarter 2007 Groundwater Monitoring Program Status Report Costco			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36915.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 2001			
Document No:			18362			
Type:			Undetermined			
Title:			Second Revised Work Plan Costco			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36860.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Sep 15, 2003
Document No: 18300
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring Report
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37959.pdf

iHEER System - Documents

Date : Aug 12, 2002
Document No: 18302
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring Report Home Depot
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37922.pdf

iHEER System - Documents

Date :
Document No: 18637
Type: Undetermined
Title: RFI- Responsive to Question 7
Imported From: \facilitysite documents\media105023\002_RFI Response\46\0127BE0B.pdf

iHEER System - Documents

Date :
Document No: 18622
Type: Undetermined
Title: RFI- Responsive to Questions 4 & 8
Imported From: \facilitysite documents\media105023\002_RFI Response\44\0127BE03.pdf

iHEER System - Documents

Date :
Document No: 18632
Type: Undetermined
Title: RFI- Responsive to Questions 4, 5, 6
Imported From: \facilitysite documents\media105023\002_RFI Response\43\0127BDFE.pdf

iHEER System - Documents

Date :
Document No: 18634
Type: Undetermined
Title: RFI- Responsive to Questions 4, 6, 7
Imported From: \facilitysite documents\media105023\002_RFI Response\43\0127BE00.pdf

iHEER System - Documents

Date :
Document No: 18640
Type: Undetermined
Title: RFI- Responsive to Questions 6 & 7
Imported From: \facilitysite documents\media105023\002_RFI Response\46\0127BE0A.pdf

iHEER System - Documents

Date :
Document No: 18631

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :		18624				
Document No:		Undetermined				
Type:		RFI-Responsive to Question 6				
Title:		\facilitysite documents\media105023\002_RFI Response\45\0127BE08.pdf				
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<u>iHEER System - Documents</u>						
Date :		Feb 18, 2003				
Document No:		18335				
Type:		Monitoring Report				
Title:		Semi-Annual Groundwater Monitoring Report Home Depot				
Imported From:		\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37956.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 19, 2008				
Document No:		18614				
Type:		Monitoring Report				
Title:		Semi-Annual Status Report, July 2008, Remediation Enhancement Monitoring Program, 925 Dillingam Blvd				
Imported From:		\facilitysite documents\media105023\Q Drive lwilei Files\Sprint PCS Call Center\39699.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 13, 2012				
Document No:		18660				
Type:		Undetermined				
Title:		Sequence of Events IDPP-Dole-CCPI				
Imported From:		\facilitysite documents\media105023\IDPP Sequence of Events\Sequence of Events.docx				
<u>iHEER System - Documents</u>						
Date :		Jul 31, 2002				
Document No:		18151				
Type:		Undetermined				
Title:		Settlement Agreement and Release / Air Monitoring				
Imported From:		126361#\Heersharepoint1\facilitysite%20documents\126361.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 24, 1999				
Document No:		18082				
Type:		Undetermined				
Title:		Shallow Soil Investigation at Castle & Cooke's Properties Inc, lwilei Development Property				
Imported From:		37070#\Heersharepoint1\facilitysite%20documents\37070.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 17, 1998				
Document No:		18328				
Type:		Site Characterization Report				
Title:		Site Characterization Report Former Dole Cannery				
Imported From:		\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37930.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 14, 1998
Document No: 18461
Type: Site Characterization Report
Title: Site Characterization Report Former Dole Cannery
Imported From: \facilitysite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\37038_Site Characterization Home Depot.pdf

iHEER System - Documents

Date : Jan 14, 1998
Document No: 18087
Type: Undetermined
Title: Site Characterization Report, Former Dole Cannery, Honolulu HI
Imported From: 37038#\Heersharepoint1\facilitysite%20documents\37038.pdf

iHEER System - Documents

Date : Feb 28, 1992
Document No: 18083
Type: Site Inspection Report
Title: Site Inspection Dole Pineapple Cannery 801 Dillingham Blvd, Honolulu HI
Imported From: 37050#\Heersharepoint1\facilitysite%20documents\37050.pdf

iHEER System - Documents

Date : Aug 28, 1997
Document No: 18288
Type: Site Inspection Report
Title: Site Investigation Report for a Portion of the Former Dole Cannery Site
Imported From: \facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37958.pdf

iHEER System - Documents

Date :
Document No: 198397
Type: Undetermined
Title: Site Plans Maps Dole
Imported From:

iHEER System - Documents

Date : Dec 8, 1995
Document No: 18144
Type: Undetermined
Title: Site Screening Sheet
Imported From: 126397#\Heersharepoint1\facilitysite%20documents\126397.pdf

iHEER System - Documents

Date : Mar 24, 1993
Document No: 18104
Type: Undetermined
Title: Soil and Groundwater Sampling Bunker C Fuel Oil Tank Excavation
Imported From: 37069#\Heersharepoint1\facilitysite%20documents\37069.pdf

iHEER System - Documents

Date : Jan 5, 2016
Document No: 18152

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
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<u>iHEER System - Documents</u>						
Date :		Jan 5, 2016				
Document No:		18153				
Type:		Undetermined				
Title:		Soil Gas Investigation at the Dole Cannery Building				
Imported From:		\\facilitysite documents\media116598\Cannery Soil Gas Investigation 2016 0105.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 2015				
Document No:		18155				
Type:		Undetermined				
Title:		Soil Gas Investigation Work Plan for SVE Installation at Dole Cannery, Revision 1 616/650 Iwilei Rd, Honolulu, Oahu HI				
Imported From:		\\facilitysite documents\media115594\SVE Investigation WP_FINAL-REV1.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 2015				
Document No:		18154				
Type:		Undetermined				
Title:		Soil Gas Investigation Work Plan for SVE Installation at Dole Cannery, Revision 1 616/650 Iwilei Rd, Honolulu, Oahu HI				
Imported From:		\\facilitysite documents\media115594\115594.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 2015				
Document No:		18156				
Type:		Undetermined				
Title:		Soil Gas Investigation Work Plan for SVE Installation at Dole Cannery, Revision 1 616/650 Iwilei Rd, Honolulu, Oahu HI				
Imported From:		\\facilitysite documents\media115594\Submittal letter.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 7, 2006				
Document No:		18611				
Type:		Site Characterization Report				
Title:		Soil Vapor Sampling Report, Sprint Lot, 925 Dillingham Blv, Honolulu, Hawaii				
Imported From:		\\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39679_Soil Vapor.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 11, 1997				
Document No:		20837				
Type:		Undetermined				
Title:		SP SOPS				
Imported From:		37044#\Heersharepoint1\facilitysite%20documents\37044.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 18, 1999				
Document No:		19903				
Type:		Undetermined				
Title:		11/18/1999				

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<u>iHEER System - Documents</u>						
Date :	Dec 2, 1998					
Document No:	18462					
Type:	Undetermined					
Title:	1197 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cool Properties					
Imported From:	\facilitsite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\37092_GWMR 1997.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 2, 1998					
Document No:	18084					
Type:	Undetermined					
Title:	1997 Groundwater Monitoring Program Report, APPENDIX					
Imported From:	37051#\Heersharepoint1\facilitsite%20documents\37051.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 2, 1998					
Document No:	18080					
Type:	Undetermined					
Title:	1997 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cooke Properties Inc, Honolulu HI					
Imported From:	37047#\Heersharepoint1\facilitsite%20documents\37047.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 2, 1998					
Document No:	18113					
Type:	Undetermined					
Title:	1997 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cooke Properties Inc, Honolulu HI Appendix F					
Imported From:	37087#\Heersharepoint1\facilitsite%20documents\37087.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 31, 1999					
Document No:	18124					
Type:	Monitoring Report					
Title:	1998 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cooke Properties Inc, Honolulu HI					
Imported From:	37095#\Heersharepoint1\facilitsite%20documents\37095.pdf					
<u>iHEER System - Documents</u>						
Date :	Sep 30, 2000					
Document No:	18123					
Type:	Monitoring Report					
Title:	1999 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cooke Properties Inc, Honolulu HI					
Imported From:	37096#\Heersharepoint1\facilitsite%20documents\37096.pdf					
<u>iHEER System - Documents</u>						
Date :	Sep 30, 2000					
Document No:	18431					
Type:	Monitoring Report					
Title:	1999 Groundwater Monitoring Program Status Report					
Imported From:	\facilitsite documents\media105023\Q Drive Iwilei Files\Best Buy\36402_GWM Report.pdf					

iHEER System - Documents

Date : Feb 7, 2001
Document No: 18169
Type: Undetermined
Title: 2/7/2001
Imported From: 101#\Heersharepoint1\facilitiesite%20documents\101.pdf

iHEER System - Documents

Date : Sep 30, 2001
Document No: 18114
Type: Monitoring Report
Title: 2000 Groundwater Monitoring Program Report, Iwilei Development Property, Castle & Cooke Properties Inc, Honolulu HI
Imported From: 37088#\Heersharepoint1\facilitiesite%20documents\37088.pdf

iHEER System - Documents

Date : Mar 13, 1991
Document No: 18668
Type: Undetermined
Title: 3/13/1991
Imported From: 118#\Heersharepoint1\facilitiesite%20documents\118.pdf

iHEER System - Documents

Date : May 5, 1995
Document No: 18666
Type: Undetermined
Title: 5/5/1995
Imported From: 143#\Heersharepoint1\facilitiesite%20documents\143.pdf

iHEER System - Documents

Date : Jun 3, 1992
Document No: 19907
Type: Undetermined
Title: 6/3/1992 EPA Letter Regarding PA
Imported From: 148#\Heersharepoint1\facilitiesite%20documents\148.pdf

iHEER System - Documents

Date : Jun 6, 1996
Document No: 18674
Type: Undetermined
Title: 6/6/1996 Letter
Imported From: 150#\Heersharepoint1\facilitiesite%20documents\150.pdf

iHEER System - Documents

Date : Apr 3, 1997
Document No: 18475
Type: Undetermined
Title: Acknowledgement of submitting Analytical Data Iwilei Development Property
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\97-122 BH.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			May 30, 2008			
Document No:			18573			
Type:			Undetermined			
Title:			Additional Site Specific Deposit for VRP#26 at 925 Dillingham Blvd			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\08-359-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 19, 2002			
Document No:			18134			
Type:			Undetermined			
Title:			Air data			
Imported From:			126400#\Heersharepoint1\facilitysite%20documents\126400.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 1, 1998			
Document No:			18327			
Type:			Remedial Alternatives Analysis Report			
Title:			Analysis of Remedial Action Alternatives Home Depot			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37965.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 31, 2002			
Document No:			18415			
Type:			Undetermined			
Title:			Characterization of Samples Costco Report 3			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36877.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 3, 1990			
Document No:			18681			
Type:			Undetermined			
Title:			Chemical Safety Audits for FY 90			
Imported From:			304.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 1992			
Document No:			19909			
Type:			Comment Letter			
Title:			Comments on Report entitled "Phase II Hazard Verification, Environmental Assessment at Dole Packaged Foods Company (Can Plant), 650 Iwilei Road			
Imported From:			345#\Heersharepoint1\facilitysite%20documents\345.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 4, 2011			
Document No:			18291			
Type:			Concurrence Letter			
Title:			Concurrence with Abandonment of Well MW-9 on the Home Depot VRP			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\11-139 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 31, 2005			
Document No:			18399			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program Third Quarter 2005 Status Report			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36905.pdf				
<u>iHEER System - Documents</u>						
Date :	May 13, 2003					
Document No:	18424					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Report First Quarter 2003 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36884.pdf					
<u>iHEER System - Documents</u>						
Date :	Jul 15, 2005					
Document No:	18348					
Type:	Undetermined					
Title:	Costco Groundwater Monitoring Report First Quarter 2005 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36902.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 8, 2007					
Document No:	18349					
Type:	Undetermined					
Title:	Costco Groundwater Monitoring Report First Quarter 2007 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36913.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 12, 2008					
Document No:	18398					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Report First Quarter 2008 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36918.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 27, 2006					
Document No:	18356					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Report Fourth Quarter 2005 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36908.pdf					
<u>iHEER System - Documents</u>						
Date :	Nov 4, 2002					
Document No:	18386					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Report Quarterly Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36881_GWM 2002.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 17, 2004					
Document No:	18401					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Report Second Quarter 2004 Status Report					
Imported From:	\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36898.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 18, 2005			
Document No:			18418			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Report Second Quarter 2005 Status Report			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36903.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2003			
Document No:			18389			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Report Third Quarter 2003 Status Report			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36891.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 17, 2008			
Document No:			18406			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Report Third Quarter 2007 Status Report			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36914.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 7, 2002			
Document No:			18357			
Type:			Undetermined			
Title:			COSTCO Warehouse Site Remedial Investigation Report			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36854.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 18, 2007			
Document No:			18615			
Type:			Undetermined			
Title:			Cover Letter for Draft Response Action Memoranda Sprint			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\07-648-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2007			
Document No:			18571			
Type:			Undetermined			
Title:			Cover Letter for Draft Response Action Memorandum			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\07-691 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 27, 2002			
Document No:			18598			
Type:			Phase II Environmental Site Assessment			
Title:			Sprint Lot Phase II, Site Investigation Report, 925 Dillingham Boulevard, Iwilei, Honolulu, HI			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39673_Phase II.pdf			
<u>iHEER System - Documents</u>						
Date :			May 16, 1996			
Document No:			20826			
Type:			Undetermined			
Title:			State Department of Health, Honolulu Harbor Areawide Contamination Project (Iwilei Unit)			
Imported From:			47542#\Heersharepoint1\facilitysite%20documents\47542.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 12, 2003
Document No: 18147
Type: Undetermined
Title: Storm Drain System and Pump Station, Alakawa Street/Kapalama Canal Ditch, Iwilei, Honolulu Hawaii
Imported From: 126403#\Heersharepoint1\facilitiesite%20documents\126403.pdf

iHEER System - Documents

Date : Feb 21, 2001
Document No: 18423
Type: Site Inspection Report
Title: Subsurface Investigation Report Costco
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36906.pdf

iHEER System - Documents

Date : May 19, 1999
Document No: 18088
Type: Undetermined
Title: Subsurface Soil Investigation Former Dole Cannery Proposed Telephone Line Area
Imported From: 37074#\Heersharepoint1\facilitiesite%20documents\37074.pdf

iHEER System - Documents

Date : Aug 31, 2000
Document No: 18092
Type: Undetermined
Title: Summary of Environmental Projects Conducted at the Castle & Cooke 9.05-acre Segment of the Iwilei Development Property Iwilei, Oahu HI
Imported From: 37058#\Heersharepoint1\facilitiesite%20documents\37058.pdf

iHEER System - Documents

Date : Jul 10, 2006
Document No: 18597
Type: Undetermined
Title: Summary of Historical Environmental Information
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39678_Summary of Historical Information.pdf

iHEER System - Documents

Date : Oct 7, 1999
Document No: 20792
Type: Undetermined
Title: Summary Table: Oahu Transport Company and Castle & Cooke, Castle & Cooke Terminals, Oahu Lumber & Hardware Company and Hakim Properties
Imported From: 126410#\Heersharepoint1\facilitiesite%20documents\126410.pdf

iHEER System - Documents

Date : Mar 19, 1999
Document No: 18142
Type: Undetermined
Title: Supplemental Pipeline Closure Activities in the Vicinity of Pacific St BES Job 5543
Imported From: 37081#\Heersharepoint1\facilitiesite%20documents\37081.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 19, 2000
Document No: 18526
Type: Undetermined
Title: Table 1 Summary of Historic (Pre-Costco) Soil Sample Analytical Results for TPH, BTEX, and PAHs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 1 Historic Soil Petrol.pdf

iHEER System - Documents

Date :
Document No: 18525
Type: Undetermined
Title: Table 2 Summary of Historic (Pre-Costco) Groundwater Sample Analytical Results for TPH, BTEX, and PAHs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 2 Historic GW Petrol.pdf

iHEER System - Documents

Date :
Document No: 18524
Type: Undetermined
Title: Table 3 Summary of Historic (Pre-Costco) Soil Vapor Sample Analytical Results for TVH, BTEX, and VOCs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 3 Historic Vapor Petrol.pdf

iHEER System - Documents

Date :
Document No: 18528
Type: Undetermined
Title: Table 4 Summary of Current Soil Sample Analytical Results for TVH, BTEX, and PAHs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 4 Current Soil Petrol.pdf

iHEER System - Documents

Date :
Document No: 18527
Type: Undetermined
Title: Table 5 Summary of Current Groundwater Sample Analytical Results for TPH, BTEX, and PAHs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 5 Current GW Petrol.pdf

iHEER System - Documents

Date :
Document No: 18523
Type: Undetermined
Title: Table 6 Summary of Current Vapor Sample Analytical Results for TVH, BTEX, and VOCs
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 6 Current Vapor Petrol.pdf

iHEER System - Documents

Date :
Document No: 18529
Type: Undetermined
Title: Table 7 Summary of Product Sample Analytical Results
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Tables\02-1042 FRI Table 7 Product Analytical.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 12, 2006
Document No: 18578
Type: Undetermined
Title: Task 2: Scope of Remedial Investigation and Voluntary Response Action, 925 Dillingham Ave, Honolulu
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\39685.pdf

iHEER System - Documents

Date : Dec 8, 2003
Document No: 18594
Type: Undetermined
Title: Temporary Groundwater Extraction and Product Recovery System Report, Sprint Lot, 925 Dillingham Blvd
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\39687.pdf

iHEER System - Documents

Date : Jan 15, 2001
Document No: 18346
Type: Undetermined
Title: Transmittal of Requested Information Proposed Revisions to Gas Monitoring Plan
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37943.pdf

iHEER System - Documents

Date : Aug 2, 2002
Document No: 18369
Type: Undetermined
Title: Updated Costco Site Remedial Investigation Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36888.pdf

iHEER System - Documents

Date : Aug 2, 2002
Document No: 18384
Type: Undetermined
Title: Updated Costco Site Remedial Investigation Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36875_Updated RI.pdf

iHEER System - Documents

Date : Aug 6, 1992
Document No: 18095
Type: Undetermined
Title: UST Closure Report
Imported From: 37064#\Heersharepoint1\facilitysite%20documents\37064.pdf

iHEER System - Documents

Date : Jun 4, 1993
Document No: 18097
Type: Undetermined
Title: UST Closure Report
Imported From: 37062#\Heersharepoint1\facilitysite%20documents\37062.pdf

iHEER System - Documents

Date : Sep 26, 1997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18089			
Type:			Undetermined			
Title:			UST Closure Report			
Imported From:			37065#\Heersharepoint1\facilitiesite%20documents\37065.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 19, 1993			
Document No:			18090			
Type:			Undetermined			
Title:			UST Closure Report			
Imported From:			37063#\Heersharepoint1\facilitiesite%20documents\37063.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 23, 1997			
Document No:			18115			
Type:			Undetermined			
Title:			UST Closure Report CCPI Iwilei Property Lot B Ala Kawa St, Honolulu HI			
Imported From:			37090#\Heersharepoint1\facilitiesite%20documents\37090.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 1991			
Document No:			18663			
Type:			Undetermined			
Title:			UST removal, Dole Can Plant, 650 Iwilei Rd, Sand Island, Honolulu			
Imported From:			126395#\Heersharepoint1\facilitiesite%20documents\126395.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 1993			
Document No:			18103			
Type:			Undetermined			
Title:			UST Soil and Water Sampling			
Imported From:			37068#\Heersharepoint1\facilitiesite%20documents\37068.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 5, 1991			
Document No:			19911			
Type:			Undetermined			
Title:			USTs, Dole Can Plant 1 Page			
Imported From:			1424#\Heersharepoint1\facilitiesite%20documents\1424.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 5, 1991			
Document No:			19912			
Type:			Undetermined			
Title:			USTs, Dole Can Plant 8 Pages			
Imported From:			1425#\Heersharepoint1\facilitiesite%20documents\1425.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 21, 2006			
Document No:			18121			
Type:			Undetermined			
Title:			Various emails between HEER and Iris Environmental			
Imported From:			126412#\Heersharepoint1\facilitiesite%20documents\126412.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 12, 1990
Document No: 18137
Type: Undetermined
Title: Various EPA and Solid Waste Branch forms
Imported From: 126394#\Heersharepoint1\facilitiesite%20documents\126394.pdf

iHEER System - Documents

Date : Apr 7, 2008
Document No: 18577
Type: Undetermined
Title: Voluntary Response Program Agreement 925 Dillingham Blvd Iwilei
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\08-268 MS.pdf

iHEER System - Documents

Date : Feb 1, 2005
Document No: 18405
Type: Undetermined
Title: Voluntary Response Program Agreement Costco
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\05-072 MS.pdf

iHEER System - Documents

Date : Dec 7, 2001
Document No: 18426
Type: Undetermined
Title: Well Abandonment Report Costco
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36866.pdf

iHEER System - Documents

Date : Mar 18, 2013
Document No: 18136
Type: Undetermined
Title: Weston's Lack of Remedial Action at the Dole Cannery Building
Imported From: 127452#\Heersharepoint1\facilitiesite%20documents\127452.pdf

iHEER System - Documents

Date : Nov 14, 2019
Document No: 20815
Type: Undetermined
Title: Withdrawal of Draft Remedial Alternatives Analysis 650 Iwilei Road; Honolulu, Oahu, Hawaii
Imported From: 135160#\Heersharepoint1\facilitiesite%20documents\135160.pdf

iHEER System - Documents

Date : Mar 19, 1997
Document No: 18081
Type: Undetermined
Title: Analytical Data Iwilei Development Property
Imported From: 37049#\Heersharepoint1\facilitiesite%20documents\37049.pdf

iHEER System - Documents

Date : Aug 17, 2005
Document No: 18390

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Monitoring Report	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36904.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 16, 2008	
Document No:					18370	
Type:					Undetermined	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36916.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 21, 2008	
Document No:					18350	
Type:					Monitoring Report	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36920.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 17, 2004	
Document No:					18420	
Type:					Undetermined	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36897.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 4, 2008	
Document No:					18608	
Type:					Undetermined	
Title:					Cover Letter for Signed Final RAM dated December 2007	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\08-008-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					May 3, 2002	
Document No:					18411	
Type:					Remedial Investigation Report	
Title:					Daily Field Report Remedial Action and Investigation Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36855.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 1, 2001	
Document No:					18379	
Type:					Undetermined	
Title:					Daily Field Summary Reports	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36856.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 28, 1996	
Document No:					18102	
Type:					Undetermined	
Title:					Dames & Moore Geotechnical Soil Sampling Dole Cannery	
Imported From:					37067#\Heersharepoint1\facilitysite%20documents\37067.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 29, 2007
Document No: 18304
Type: Monitoring Report
Title: Dec 2006 Annual Groundwater Monitoring Report
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37966.pdf

iHEER System - Documents

Date : Feb 13, 2004
Document No: 18309
Type: Monitoring Report
Title: December 2003 Semi-Annual Groundwater Monitoring Report
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37960.pdf

iHEER System - Documents

Date : Mar 18, 2005
Document No: 18312
Type: Undetermined
Title: December 2004 Semi-Annual Groundwater Monitoring Report Home Depot
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37963.pdf

iHEER System - Documents

Date : Feb 14, 1997
Document No: 18119
Type: Undetermined
Title: Demolition/Removal of 18,500 Gallon AST
Imported From: 37066#\Heersharepoint1\facilitysite%20documents\37066.pdf

iHEER System - Documents

Date : Oct 13, 1992
Document No: 18672
Type: Comment Letter
Title: Department of Health Comments on Unitek Environmental Consultants Inc, Report entitled "Phase II Hazard Verification Environmental Assessment a
Imported From: 406#\Heersharepoint1\facilitysite%20documents\406.pdf

iHEER System - Documents

Date : Oct 2, 1991
Document No: 18170
Type: Undetermined
Title: Dole Can Plant UST Removal Operation
Imported From: 433#\Heersharepoint1\facilitysite%20documents\433.pdf

iHEER System - Documents

Date : Aug 31, 2007
Document No: 18120
Type: Undetermined
Title: Dole Cannery Bldg IAQ Study - Results of Round 4
Imported From: 126407#\Heersharepoint1\facilitysite%20documents\126407.pdf

iHEER System - Documents

Date : Sep 9, 2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			20810			
Type:			Undetermined			
Title:			Dole Cannery Building Extraction Well System Expansion			
Imported From:			\\facilitysite documents\media121870\Lab Reports\1511463_d.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2016			
Document No:			20812			
Type:			Undetermined			
Title:			Dole Cannery Building Extraction Well System Expansion			
Imported From:			\\facilitysite documents\media121870\Lab Reports\1608132_d.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2016			
Document No:			20809			
Type:			Undetermined			
Title:			Dole Cannery Building Extraction Well System Expansion			
Imported From:			\\facilitysite documents\media121870\Dole Cannery SVE Expansion completion Report 2016 0909.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2016			
Document No:			20811			
Type:			Undetermined			
Title:			Dole Cannery Building Extraction Well System Expansion			
Imported From:			\\facilitysite documents\media121870\Lab Reports\1605473A_d.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2016			
Document No:			20813			
Type:			Undetermined			
Title:			Dole Cannery Building Extraction Well System Expansion			
Imported From:			\\facilitysite documents\media121870\Lab Reports\1605473B_d.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2006			
Document No:			18664			
Type:			Undetermined			
Title:			Dole Cannery Building Grease Trap Construction			
Imported From:			3652#\Heersharepoint1\facilitysite%20documents\3652.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 5, 1995			
Document No:			20803			
Type:			Undetermined			
Title:			Dole Cannery Square Parking Lot Sumps			
Imported From:			\\facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 4.PDF			
<u>iHEER System - Documents</u>						
Date :			Apr 5, 1995			
Document No:			20805			
Type:			Undetermined			
Title:			Dole Cannery Square Parking Lot Sumps			
Imported From:			\\facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 3.PDF			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 5, 1995
Document No: 20807
Type: Undetermined
Title: Dole Cannery Square Parking Lot Sumps
Imported From: \facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 2.PDF

iHEER System - Documents

Date : Apr 5, 1995
Document No: 20802
Type: Undetermined
Title: Dole Cannery Square Parking Lot Sumps
Imported From: \facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 6.PDF

iHEER System - Documents

Date : Apr 5, 1995
Document No: 20804
Type: Undetermined
Title: Dole Cannery Square Parking Lot Sumps
Imported From: \facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 1.PDF

iHEER System - Documents

Date : Apr 5, 1995
Document No: 20806
Type: Undetermined
Title: Dole Cannery Square Parking Lot Sumps
Imported From: \facilitysite documents\media122784\Dole Cannery Square Parking Lot Sumps - 5.PDF

iHEER System - Documents

Date : Mar 19, 1990
Document No: 20835
Type: Undetermined
Title: Dole Nominated for Chemical Safety Audit
Imported From: 47267.pdf

iHEER System - Documents

Date : Oct 9, 1991
Document No: 18112
Type: Undetermined
Title: Dole SI Guidance
Imported From: 37086#\Heersharepoint1\facilitysite%20documents\37086.pdf

iHEER System - Documents

Date : Jul 19, 2012
Document No: 18266
Type: Undetermined
Title: Dole-CCPI Project
Imported From: \facilitysite documents\media105023\WESTON.dem.ltr.pdf

iHEER System - Documents

Date :
Document No: 18625

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Dole-CCPI Project				
Imported From:		\\facilitysite documents\media105023\002_RFI Response\45\0127BE07.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 24, 2006				
Document No:		18429				
Type:		No Further Action Determination Letter				
Title:		Dole-CCPI Project				
Imported From:		\\facilitysite documents\media105023\Q Drive \wilei Files\Best Buy\06-039_NFA MS.PDF				
<u>iHEER System - Documents</u>						
Date :		18444				
Document No:		Undetermined				
Type:		Dole-CCPI Project				
Title:		\\facilitysite documents\media105023\Q Drive \wilei Files\Dole \wilei\37071.pdf				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 14, 2005				
Document No:		18336				
Type:		Undetermined				
Title:		Dole-CCPI Project				
Imported From:		\\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\05-140 MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 12, 2011				
Document No:		18269				
Type:		Undetermined				
Title:		DOLE-CCPI PROJECT Review of RFI and Response Review of LOI and Response December 12, 2011 Mark Sutterfield				
Imported From:		\\facilitysite documents\media105023\001_RFI\Notes DOLE_CCPI reponse to RFI and LOI.docx				
<u>iHEER System - Documents</u>						
Date :		Jan 10, 2005				
Document No:		18377				
Type:		Monitoring Report				
Title:		Third Quarter 2004 Groundwater Monitoring Program Status Report				
Imported From:		\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36900.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 5, 2007				
Document No:		20836				
Type:		Undetermined				
Title:		Work Plan Addendum Dole Cannery Alleyway Grease Trap Excavation Dole Cannery, 605 Iwilei Rd, Honolulu HI 6152#\Heersharepoint1\facilitysite%20documents\6152.pdf				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 5, 2007				
Document No:		18126				
Type:		Site Characterization Work Plan				
Title:		Work Plan Addendum Dole Cannery Alleyway Grease Trap Excavation Dole Cannery, 605 Iwilei Rd, Honolulu HI 37103#\Heersharepoint1\facilitysite%20documents\37103.pdf				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Feb 15, 2007	
Document No:					18132	
Type:					Site Characterization Work Plan	
Title:					Work Plan Dole Cannery Alleyway Grease Trap Excavation Dole Cannery, 605 Iwilei Rd, Honolulu HI	
Imported From:					37102#\Heersharepoint1\facilitysite%20documents\37102.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 13, 2002	
Document No:					18606	
Type:					Site Characterization Work Plan	
Title:					Work Plan, Sprint Lot, Phase II ESA, Iwilei, Honolulu, Oahu, Hawaii	
Imported From:					\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39672.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 1, 2010	
Document No:					12180	
Type:					Undetermined	
Title:					Work Plan, Supplemental Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI	
Imported From:					62621#\Heersharepoint1\facilitysite%20documents\62621.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2010	
Document No:					18157	
Type:					Undetermined	
Title:					Work Plan, Supplemental Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI, 19 Feb 2010	
Imported From:					62622#\Heersharepoint1\facilitysite%20documents\62622.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 19, 2002	
Document No:					18586	
Type:					Site Characterization Work Plan	
Title:					Work Plan; Sprint Lot, Phase II Site Characterization, Iwilei, Honolulu, Oahu, Hawaii	
Imported From:					\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39671.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 2, 1988	
Document No:					18141	
Type:					Undetermined	
Title:					Written Follow-Up on chemical releases	
Imported From:					126393.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 21, 1997	
Document No:					19901	
Type:					Undetermined	
Title:					Your Letter, Jul 22, 1997 to Castle & Cooke Inc, Regarding 795 N Nimitz Hwy	
Imported From:					1517#\Heersharepoint1\facilitysite%20documents\1517.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Dec 4, 1998			
Document No:			18675			
Type:			Undetermined			
Title:			Draft 1997 Groundwater Monitoring Program Report, Iwilei Development Property, Honolulu HI			
Imported From:			441#\Heersharepoint1\facilitsite%20documents\441.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 13, 1998			
Document No:			18145			
Type:			Undetermined			
Title:			Draft boring logs and laboratory analytical results for both 1997 groundwater sampling events			
Imported From:			126398#\Heersharepoint1\facilitsite%20documents\126398.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 15, 2010			
Document No:			18314			
Type:			Environmental Hazard Management Plan			
Title:			Draft Environmental Hazard Management Plan, Home Depot Store #1701, 421 Alakawa Street, Honolulu, HI			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Home Depot\93661.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 1, 2017			
Document No:			18129			
Type:			Undetermined			
Title:			Draft Remedial Alternatives Analysis Dole Cannery Building 650 Iwilei Rd, Honolulu Hawaii			
Imported From:			\facilitsite documents\media124995\CCPI RAA 2017 DRAFT.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 1, 2017			
Document No:			18128			
Type:			Undetermined			
Title:			Draft Remedial Alternatives Analysis Dole Cannery Building 650 Iwilei Rd, Honolulu Hawaii			
Imported From:			\facilitsite documents\media124995\124995.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 2006			
Document No:			18359			
Type:			Response Action Memorandum			
Title:			Draft Response Action Memoranda Costco Warehouse and Gas Station VRP Site			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\06-366 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 12, 2007			
Document No:			18599			
Type:			Response Action Memorandum			
Title:			Draft Response Action Memorandum, 925 Dillingham Boulevard, Honolulu			
Imported From:			\facilitsite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39692_DRAM.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			18161			
Type:			Undetermined			
Title:			Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		\facilitysite documents\media114027\Appendix B.pdf				
<u>iHEER System - Documents</u>						
Date :	Apr 2, 2015					
Document No:	18163					
Type:	Undetermined					
Title:	Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI					
Imported From:		\facilitysite documents\media114027\Appendix E.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 22, 2011					
Document No:	18501					
Type:	Monitoring Report					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report for 2010 Costco					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\94504.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 22, 2011					
Document No:	18500					
Type:	Undetermined					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report for 2010 Costco					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\94505.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 30, 2003					
Document No:	18412					
Type:	Monitoring Report					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report July 2002 to June 2003					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36894.pdf				
<u>iHEER System - Documents</u>						
Date :	Oct 1, 2001					
Document No:	18532					
Type:	Undetermined					
Title:	Appendix A Soil Boring Logs					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Appendices\Appendix A Boring Logs.pdf				
<u>iHEER System - Documents</u>						
Date :	Oct 9, 2001					
Document No:	18535					
Type:	Undetermined					
Title:	Appendix B Non-Hazardous Waste Manifests and Load Tickets for Impacted Soil Removed During Box Culvert Installation					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Appendices\Appendix B Manifests.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 10, 2001					
Document No:	18534					
Type:	Undetermined					
Title:	Appendix C2 Lab Reports and COC Records Characterization of Samples					
Imported From:		\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					pdf Appendices\Appendix C2 Water Lab Reports.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 15, 2001	
Document No:					18531	
Type:					Undetermined	
Title:					Appendix C3 Lab Reports and COC Records for Soil Gas Samples	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Appendices\Appendix C3 Soil Vapor Lab Report.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 31, 2002	
Document No:					18530	
Type:					Undetermined	
Title:					Appendix C4 Lab Reports and COC Records Characterization of Samples Costco Report 3	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Appendices\Appendix C4 Product Lab Reports.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 1, 1995	
Document No:					20817	
Type:					Undetermined	
Title:					Approval of Extension Request	
Imported From:					47358#\Heersharepoint1\facilitysite%20documents\47358.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 22, 2006	
Document No:					18585	
Type:					Undetermined	
Title:					Approval of VRP Application and VRP Agreement for 925 Dillingham	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\06-368 DB.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 4, 2001	
Document No:					18382	
Type:					Removal Action Report	
Title:					Bunker C UST and Impacted Soil Removal Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36857_UST 100,000 gal removal report.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 22, 1998	
Document No:					20808	
Type:					Undetermined	
Title:					Can Plant ESA	
Imported From:					121833#\Heersharepoint1\facilitysite%20documents\121833.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 4, 1999	
Document No:					18315	
Type:					Undetermined	
Title:					Cap and Vapor Control System Quality Assurance Report	
Imported From:					\\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37925.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Oct 4, 1999			
Document No:			18303			
Type:			Undetermined			
Title:			Cap and Vapor Control System Quality Assurance Report Home Depot			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37924.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			18165			
Type:			Undetermined			
Title:			Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI			
Imported From:			\\facilitysite documents\media114027\Appendix C.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			18162			
Type:			Undetermined			
Title:			Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI			
Imported From:			\\facilitysite documents\media114027\Appendix D.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			18164			
Type:			Undetermined			
Title:			Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI			
Imported From:			\\facilitysite documents\media114027\Appendix A.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2015			
Document No:			18166			
Type:			Undetermined			
Title:			Draft Treatability Study Report GASCO Contamination at the Dole Cannery, Former GASCO Facility/Dole Cannery Building 616/650 Iwilei Rd, Honolulu HI			
Imported From:			\\facilitysite documents\media114027\Treatability Study Report 2015 0402_Final Draft.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 25, 2011			
Document No:			18299			
Type:			Environmental Hazard Management Plan			
Title:			EHE and EHMP Home Depot			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\94988.pdf			
<u>iHEER System - Documents</u>						
Date :			May 8, 2006			
Document No:			18661			
Type:			Undetermined			
Title:			Enforceable Agreement and Scope of Work for Honolulu Harbor and Iwilei District Project			
Imported From:			\\facilitysite documents\media105023\005_IDPP Agreement\DOH-IDPP Enf Agreement 5-11-06.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jan 6, 1989			
Document No:			18085			
Type:			Environmental Assessment			
Title:			Environmental Assessment at Dole Packaged Foods Company 650 Iwilei Rd, Honolulu HI Preliminary Site Survey for Tank System Closure			
Imported From:			37052.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 8, 2006			
Document No:			18488			
Type:			Undetermined			
Title:			Excavation of water pipe near the administration building on site			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Iwilei Business Center\06-771-AF Final D.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2011			
Document No:			18483			
Type:			Undetermined			
Title:			Facility Site Information Dole Iwilei			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\Dole Iwilei.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2011			
Document No:			18432			
Type:			Undetermined			
Title:			Facility Site Information for Best Buy			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Best Buy\Best Buy.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 6, 2011			
Document No:			18419			
Type:			Undetermined			
Title:			Facility Site Information for Costco			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\Costco Warehouse.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 14, 1997			
Document No:			18343			
Type:			Undetermined			
Title:			Castle & Cook Properties, Inc., 1997 Environmental Assessment Iwilei Development Property			
Imported From:			\\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37941.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2002			
Document No:			18096			
Type:			Undetermined			
Title:			Castle & Cooke - Iwilei			
Imported From:			126401#\Heersharepoint1\facilitysite%20documents\126401.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 3, 1997			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		20816				
Type:		Undetermined				
Title:		Castle & Cooke Data Report				
Imported From:		1997-122#Q:\1997 Final Correspondence (Day File)\97-122-BH.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 27, 1997				
Document No:		18149				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc ("CCPI") - DOH Information Request for Laboratory Data				
Imported From:		282#\Heersharepoint1\facilitiesite%20documents\282.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 25, 1996				
Document No:		18678				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, 10/25/1996				
Imported From:		283#\Heersharepoint1\facilitiesite%20documents\283.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 21, 1997				
Document No:		19906				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, 1997 Environmental Assessment of the Iwilei Development Property - DOH Information Request				
Imported From:		284#\Heersharepoint1\facilitiesite%20documents\284.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 5, 1997				
Document No:		19905				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, 3/5/1997				
Imported From:		285#\Heersharepoint1\facilitiesite%20documents\285.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 21, 1997				
Document No:		19904				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, Iwilei Development Property				
Imported From:		280#\Heersharepoint1\facilitiesite%20documents\280.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 20, 1997				
Document No:		18679				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, Iwilei Development Property				
Imported From:		286#\Heersharepoint1\facilitiesite%20documents\286.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 2, 1996				
Document No:		18263				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, Iwilei Property				
Imported From:		281#\Heersharepoint1\facilitiesite%20documents\281.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 26, 2002
Document No: 18146
Type: Undetermined
Title: Castle & Cooke Properties, Inc - Air Monitoring Letter
Imported From: 126399#\Heersharepoint1\facilitsite%20documents\126399.pdf

iHEER System - Documents

Date : Nov 7, 1996
Document No: 18078
Type: Undetermined
Title: Castle & Cooke, hand over the documents
Imported From: 47583#\Heersharepoint1\facilitsite%20documents\47583.pdf

iHEER System - Documents

Date : Sep 25, 1997
Document No: 20823
Type: Undetermined
Title: CCPI Groundwater Monitoring Data
Imported From: \facilitsite documents\media37045\37045.pdf

iHEER System - Documents

Date : Sep 25, 1997
Document No: 20822
Type: Undetermined
Title: CCPI Groundwater Monitoring Data
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iHEER System - Documents

Date : Dec 6, 2011
Document No: 18490
Type: Undetermined
Title: Facility Site Information for Iwilei Buisness Center
Imported From: \facilitsite documents\media105023\Q Drive Iwilei Files\Iwilei Business Center\Iwilei Business Center.pdf

iHEER System - Documents

Date : Dec 6, 2011
Document No: 18601
Type: Undetermined
Title: Facility Site Information for Sprint
Imported From: \facilitsite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\Sprint PCS Call Center.pdf

iHEER System - Documents

Date : Dec 6, 2011
Document No: 18311
Type: Undetermined
Title: Facility Site Information Home Depot
Imported From: \facilitsite documents\media105023\Q Drive Iwilei Files\Home Depot\Home Depot.pdf

iHEER System - Documents

Date : Nov 6, 2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18397			
Type:			Remedial Alternatives Analysis Report			
Title:			Fifth Work Plan Addendum Remedial Action Alternative Assessment and Selection Costco			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36859.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 19, 1998			
Document No:			18310			
Type:			Remedial Alternatives Analysis Report			
Title:			Final Analysis of Remedial Action Alternatives Home Depot			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37940.pdf			
<u>iHEER System - Documents</u>						
Date :			May 19, 2003			
Document No:			18502			
Type:			Remedial Investigation Report			
Title:			Final Costco Site Remedial Investigation Report			
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Date :			May 19, 2003			
Document No:			18504			
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Title:			Final Costco Site Remedial Investigation Report			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse A\Costco Warehouse\Media36887\Final RI Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 1, 2002			
Document No:			18422			
Type:			Undetermined			
Title:			Final Human Health Risk Assessment Costco			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36909.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2003			
Document No:			18593			
Type:			Undetermined			
Title:			Final Human Health Risk Assessment Sprint			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\37098.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18590			
Type:			Phase I Environmental Site Assessment			
Title:			Final Phase I and Phase II Environmental Site Assessment, Sprint Lot, 925 Dillingham Ave., Honolulu			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\39682_Phase II.pdf			
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Date :			Aug 1, 2001			
Document No:			18404			
Type:			Undetermined			
Title:			Final Report for Human Health Risk Assessment Castle & Cooke			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36876.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :			Nov 30, 2002			
Document No:			18368			
Type:			Undetermined			
Title:			Final Report Human Health Risk Costco			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36879.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 13, 1990			
Document No:			18469			
Type:			Undetermined			
Title:			Final Report on Chemical Safety Audit Conducted at Dole Packaged Foods			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\37036_Chemical Audit Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 1, 2007			
Document No:			18604			
Type:			Response Action Memorandum			
Title:			Final Response Action Memorandum, 925 Dillingham Boulevard, Honolulu			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39696_FRAM.pdf			
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Date :			Jun 11, 2009			
Document No:			29444			
Type:			Undetermined			
Title:			Final Work Plan, Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Jun 11, 2009			
Document No:			29446			
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Title:			Final Work Plan, Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI			
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Date :			Jun 11, 2009			
Document No:			29445			
Type:			Undetermined			
Title:			Final Work Plan, Soil, Groundwater, and Soil Vapor Sampling in the Dole Cannery Building, Iwilei District, Honolulu HI			
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Date :			Jun 11, 2009			
Document No:			29447			
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : May 7, 2004
Document No: 18391
Type: Monitoring Report
Title: First Quarter 2004 Groundwater Monitoring Program Status Report
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iHEER System - Documents

Date : Jul 30, 2001
Document No: 18421
Type: Removal Action Work Plan
Title: First Revised Work Plan Costco Removal Actions and Confirmation Activities
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36851_Work Plan.pdf

iHEER System - Documents

Date : Dec 3, 1990
Document No: 19900
Type: Undetermined
Title: FIT Response to Hawaii Comments
Imported From: 42#\Heersharepoint1\facilitysite%20documents\42.pdf

iHEER System - Documents

Date : May 16, 1989
Document No: 18670
Type: Undetermined
Title: Follow-up Written Report About Chemical Release
Imported From: 138.pdf

iHEER System - Documents

Date : Mar 18, 2003
Document No: 18396
Type: Monitoring Report
Title: Fourth Quarter 2002 Groundwater Monitoring Program Status Report Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36883_GWM 2002.pdf

iHEER System - Documents

Date : Jan 25, 2004
Document No: 18364
Type: Monitoring Report
Title: Fourth Quarter 2003 Groundwater Monitoring Program Status Report Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36892.pdf

iHEER System - Documents

Date : Jan 28, 2005
Document No: 18375
Type: Monitoring Report
Title: Fourth Quarter 2004 Groundwater Monitoring Program Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36901.pdf

iHEER System - Documents

Date : Feb 8, 2007
Document No: 18381

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Type:		Monitoring Report				
Title:		Fourth Quarter 2006 Groundwater Monitoring Program Status Report				
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Date :		Aug 3, 1998				
Document No:		18662				
Type:		Phase I Environmental Site Assessment				
Title:		Phase I ESA, TMK 01-05-10-10, Dole Can Plant, Honolulu, Hawaii				
Imported From:		\\facilitysite documents\media105023\Can Plant Phase I\Phase I Env'tal Site Assessment dtd 08.3.98.pdf				
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Date :		Feb 21, 2001				
Document No:		18395				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Environmental Site Investigation Costco				
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Date :		Sep 27, 2002				
Document No:		18609				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Environmental Site Investigation Report Sprint				
Imported From:		\\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\37099_Phase II.pdf				
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Date :		Feb 21, 2001				
Document No:		18086				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Environmental Site Investigation, Proposed Costco Gas Station Site and Sprint Parking Lot, Castle & Cooke Properties Inc, Honolulu HI, TMK 1-1-5-015-002 & 1-1-5-015-013 (por)				
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Date :		May 30, 1995				
Document No:		18106				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II ESA, Limited Soil and Ground-Water Sampling				
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Date :		May 18, 1995				
Document No:		18125				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II ESA, Limited Soil and Ground-Water Sampling				
Imported From:		37094#\Heersharepoint1\facilitysite%20documents\37094.pdf				
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Date :		May 30, 1995				
Document No:		18111				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II ESA, Limited Soil and Ground-Water Sampling Appendix A Boring Logs				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 30, 1995
Document No: 20833
Type: Phase II Environmental Site Assessment
Title: Phase II ESA, Limited Soil and Ground-Water Sampling Appendix A Boring Logs
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iHEER System - Documents

Date : May 30, 1995
Document No: 18079
Type: Phase II Environmental Site Assessment
Title: Phase II ESA, Limited Soil and Ground-Water Sampling Appendix B Geophysical Survey Reports
Imported From: 37055#\Heersharepoint1\facilitysite%20documents\37055.pdf

iHEER System - Documents

Date : May 30, 1995
Document No: 18094
Type: Phase II Environmental Site Assessment
Title: Phase II ESA, Limited Soil and Ground-Water Sampling Appendix C Analytical Laboratory Reports
Imported From: 37056#\Heersharepoint1\facilitysite%20documents\37056.pdf

iHEER System - Documents

Date : May 30, 1995
Document No: 18098
Type: Phase II Environmental Site Assessment
Title: Phase II ESA, Limited Soil and Ground-Water Sampling Oversize Figures
Imported From: 37083#\Heersharepoint1\facilitysite%20documents\37083.pdf

iHEER System - Documents

Date : Jul 29, 1999
Document No: 18430
Type: Phase II Environmental Site Assessment
Title: Phase II Site Investigation Report Costco
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iHEER System - Documents

Date : Sep 7, 2000
Document No: 18101
Type: Phase II Environmental Site Assessment
Title: Phase II Subsurface Soil and Groundwater Investigation Dole Cannery Access Road Iwilei, Oahu HI
Imported From: 37072#\Heersharepoint1\facilitysite%20documents\37072.pdf

iHEER System - Documents

Date : May 22, 1996
Document No: 20840
Type: Undetermined
Title: Phase III Remediation Monitoring Report, Former Dole Cannery Site 650 Iwilei Rd, Honolulu HI 96817
Imported From: 37059#\Heersharepoint1\facilitysite%20documents\37059.pdf

iHEER System - Documents

Date : Nov 26, 2001
Document No: 18540

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 21, 2008
Document No: 18414
Type: Monitoring Report
Title: Fourth Quarter 2007 Groundwater Monitoring Program Status Report
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36917.pdf

iHEER System - Documents

Date : Oct 24, 2001
Document No: 18403
Type: Undetermined
Title: Fourth Work Plan Addendum Additional Site Characterization and Construction Contingencies Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36861.pdf

iHEER System - Documents

Date : Jun 1, 2011
Document No: 18503
Type: Undetermined
Title: Free Product Recovery Closure Report Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse A\Costco Warehouse\95269.pdf

iHEER System - Documents

Date : Jun 1, 2011
Document No: 18499
Type: Undetermined
Title: Free Product Recovery Sump-3 Closure Report Costco
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse A\Costco Warehouse\95270.pdf

iHEER System - Documents

Date : Dec 13, 2010
Document No: 18331
Type: Undetermined
Title: Gas Migration Control and Environmental Hazard Management Plan
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\93660.pdf

iHEER System - Documents

Date : Feb 27, 2001
Document No: 18295
Type: Operation & Maintenance
Title: Gas Monitoring and Control System Annual Operation and Maintenance Report
Imported From: \facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37935.pdf

iHEER System - Documents

Date : Feb 25, 2005
Document No: 18313

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Operation & Maintenance	
Title:					Gas Monitoring and Control System Annual Operation and Maintenance Report 2004 Home Depot	
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<u>iHEER System - Documents</u>						
Date :					Feb 22, 2002	
Document No:					18330	
Type:					Operation & Maintenance	
Title:					Gas Monitoring and Control System Year 2001 Operation and Maintenance Report	
Imported From:					\\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37952.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 28, 2003	
Document No:					18323	
Type:					Operation & Maintenance	
Title:					Gas Monitoring and Control System Year 2002 Operation and Maintenance Report	
Imported From:					\\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37953.pdf	
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Date :					Jan 30, 2004	
Document No:					18344	
Type:					Operation & Maintenance	
Title:					Gas Monitoring and Control System Year 2003 Operation and Maintenance Report	
Imported From:					\\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\37968.pdf	
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Date :					Dec 12, 2001	
Document No:					18388	
Type:					Undetermined	
Title:					Geophysical Survey and Anomaly Investigation Report Costco	
Imported From:					\\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\36864.pdf	
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Date :					Jan 21, 2008	
Document No:					20801	
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Title:					Grease Trap Installation Summary Report Dole Cannery Alleyway Grease Trap Excavation Dole Cannery, 605 lwilei Rd, Honolulu HI	
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Date :					Jan 22, 2008	
Document No:					27340	
Type:					Undetermined	
Title:					Grease Trap Installation Summary Report, Dole Cannery Alleyway Grease Trap Excavation, Dole Cannery, 650 lwilei Rd, Honolulu HI	
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Date :					Dec 22, 1999	
Document No:					18317	
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Title:					Groundwater Monitoring and Reporting Plan	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 20, 1999
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Type: Monitoring Report
Title: Groundwater Monitoring and Wells installation Report
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iHEER System - Documents

Date : Aug 11, 2008
Document No: 18393
Type: Undetermined
Title: Groundwater Monitoring Well and product Recovery Sump Abandonment/Sealing Summary Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36921.pdf

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Date :
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iHEER System - Documents

Date :
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iHEER System - Documents

Date :
Document No: 18537
Type: Undetermined
Title: Photo

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Document No: 18536						
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Type:		Undetermined				
Title:		Plumes Site Plan Map				
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<u>iHEER System - Documents</u>						
Date :		Jul 9, 2015				
Document No:		20791				
Type:		Undetermined				
Title:		Post-Treatability Soil Vapor Concentrations Rm 105 Dole Cannery Building Weston Solutions Field Screening May/Jun 2015				
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Date :		Dec 24, 1996				
Document No:		18091				
Type:		Undetermined				
Title:		Pre-Phase II ESA, Former Waste Oil Storage Area Dole Can Plant Iwilei, Oahu HI				
Imported From:		37060#\Heersharepoint1\facilitysite%20documents\37060.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 12, 1990				
Document No:		20841				
Type:		Preliminary Assessment Report				

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Title: Imported From:					Preliminary Assessment Comments, Dole Pineapple Cannery, 801 Dillingham Blvd, Honolulu HI, HID 981424385 47266#\Heersharepoint1\facilitiesite%20documents\47266.pdf	
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Date : Document No: Type: Title: Imported From:					Jun 4, 1990 20838 Preliminary Assessment Report Preliminary Assessment Dole Cannery 37040.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Dec 2, 1993 18122 Phase I Environmental Site Assessment Preliminary ESA Phase I, Castle & Cooke Properties Inc, and Dole Food Company Inc, TMK 1-5-010-010, 1-5-012-005, 007, 010, 011, 012, 014, and 015, and 1-5-015-002, 009, 013, and 014, Iwilei District, Honolulu HI 37097#\Heersharepoint1\facilitiesite%20documents\37097.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Apr 30, 2007 18466 Undetermined Preliminary Findings, Dole Cannery Building Indoor Air Survey \facilitiesite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\07-268 RB.pdf	
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Date : Document No: Type: Title: Imported From:					Mar 21, 2007 20789 Undetermined Preliminary Findings, Indoor Air Survey, CCPI Building (Next to GASCO Property) 126405#\Heersharepoint1\facilitiesite%20documents\126405.pdf	
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Date : Document No: Type: Title: Imported From:					Mar 21, 2007 20790 Undetermined Preliminary Findings, Indoor Air Survey, CCPI Building (Next to GASCO Property) 2007-178#Q:2007 Final Correspondence (Day File)\07-178-MS.pdf	
<u>iHEER System - Documents</u>						
Date : Document No: Type: Title: Imported From:					Jun 17, 1998 18117 Site Characterization Report PRIVILEGED and CONFIDENTIAL - Prepared in Anticipation of Litigation - Site Characterization Report 37101#\Heersharepoint1\facilitiesite%20documents\37101.pdf	
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Date : Document No: Type: Title: Imported From:					Feb 23, 1996 18109 Undetermined Progress Evaluation of Environmental Assessments Castle & Cooke Properties Inc, Iwilei Property 37091#\Heersharepoint1\facilitiesite%20documents\37091.pdf	

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Document No:		18325				
Type:		Monitoring Report				
Title:		Proposed Revisions to Gas Monitoring Home Depot				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37944.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 30, 2001				
Document No:		18321				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37955.pdf				
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Date :		Aug 22, 2011				
Document No:		18203				
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Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
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Date :		Aug 22, 2011				
Document No:		18207				
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Date :		Aug 22, 2011				
Document No:		18209				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
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Date :		Aug 22, 2011				
Document No:		18211				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				

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Date :		Mar 7, 2001				
Document No:		18289				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37934.pdf				
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Date :		Apr 17, 2001				
Document No:		18307				
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Title:		Quarterly Groundwater Monitoring Report				
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Date :		Jul 24, 2001				
Document No:		18322				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report Home Depot				
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Document No:		18324				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report Home Depot				
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Date :		Apr 24, 2000				
Document No:		18326				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report Home Depot				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37937.pdf				
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Date :		Feb 5, 2002				
Document No:		18339				
Type:		Monitoring Report				
Title:		Quarterly Groundwater Monitoring Report Home Depot				
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<u>iHEER System - Documents</u>						
Date :		Jul 31, 2000				
Document No:		18329				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 25, 2000
Document No: 18333
Type: Monitoring Report
Title: Quarterly Groundwater Monitoring Report Home Depot
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iHEER System - Documents

Date : Feb 26, 2008
Document No: 18616
Type: Monitoring Report
Title: Quarterly Status Monitoring Report, January 2008, Remediation Enhancement Monitoring Program
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iHEER System - Documents

Date : Oct 5, 2007
Document No: 18572
Type: Undetermined
Title: Quarterly Status Report July 2007
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iHEER System - Documents

Date : Nov 28, 2007
Document No: 18603
Type: Monitoring Report
Title: Quarterly Status Report, October 2007, Remediation Enhancement Monitoring Program, 925 Dillingham
Imported From: \facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39697.pdf

iHEER System - Documents

Date : Nov 3, 2010
Document No: 18278
Type: Undetermined
Title: RE: August 16, 2010 HDOH Letter of Interest and Recommendations for Action - Iwilei District/Honolulu Harbor Project (IDPP)
Imported From: \facilitysite documents\media105023\004_CCPI_Response to LOI\Perkin Response to DOH LOI_11-03-2010.pdf

iHEER System - Documents

Date :
Document No: 18644
Type: Undetermined
Title: Re: Hawaii Department of Health Request for Information to Iwilei District Participating Parties, LLC
Imported From: \facilitysite documents\media105023\002_RFI Response\001_RFI Response Letter\0127BE24_RFI_Response 2-28-03.pdf

iHEER System - Documents

Date : Oct 1, 2003
Document No: 172426
Type: Undetermined
Title: Re: History of the Bitumuls site in connection with identifying other PRPs and determining the appropriate allocation of the clean-up costs
Imported From:

iHEER System - Documents

Date : Oct 1, 2003

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Date :						
Document No:			18653			
Type:			Undetermined			
Title:			Re: Letter of Interest Dole Cannery Complex			
Imported From:			\facilitysite documents\media105023\003_HDOH_LOI\3776094_1_Letter to F. Grange and K. Otsuka from L. Bail 03-30-12.pdf			
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Date :						
Document No:			18270			
Type:			Request for Information			
Title:			Re: Request for Information			
Imported From:			\facilitysite documents\media105023\001_RFI\DOH rfi 12-22-02.pdf			
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Date :						
Document No:			18671			
Type:			Undetermined			
Title:			Regarding Release of Anhydrous Ammonia			
Imported From:			116.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			20832			
Type:			Undetermined			
Title:			Release of Environmental Assessment Data			
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<u>iHEER System - Documents</u>						
Date :						
Document No:			18363			
Type:			Removal Action Work Plan			
Title:			Remedial Action Design Construction and Implementation Work Plan Costco			
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<u>iHEER System - Documents</u>						
Date :						
Document No:			18583			
Type:			Remedial Alternatives Analysis Report			
Title:			Remedial Alternative Analysis Report, 925 Dillingham Blvd., Honolulu			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Sprint PCS Call Center\39690_RAA.pdf			
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Date :						
Document No:			18172			
Type:			Undetermined			
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Date :					Aug 22, 2011	
Document No:					18174	
Type:					Undetermined	
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Document No:					18176	
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Date :					Aug 22, 2011	
Document No:					18178	
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Date :					Aug 22, 2011	
Document No:					18180	
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Date :					Aug 22, 2011	
Document No:					18182	
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Date :					Aug 22, 2011	
Document No:					18184	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18186
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-38 - SOILS - Vertical Profile B-B' - Naphthalene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18188
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18190
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Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18192
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Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18194
Type: Remedial Investigation Report
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Date : Aug 22, 2011
Document No: 18196
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Date :			Aug 22, 2011			
Document No:			18213			
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Date :			Aug 22, 2011			
Document No:			18215			
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Date :			Aug 22, 2011			
Document No:			18217			
Type:			Remedial Investigation Report			
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Date :			Aug 22, 2011			
Document No:			18219			
Type:			Remedial Investigation Report			
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Date :			Aug 22, 2011			
Document No:			18221			
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Date :			Aug 22, 2011			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :			Aug 22, 2011			
Document No:			18225			
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Date :			Aug 22, 2011			
Document No:			18227			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
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Date :			Aug 22, 2011			
Document No:			18229			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
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Date :			Aug 22, 2011			
Document No:			18231			
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Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
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Date :			Aug 22, 2011			
Document No:			18233			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
Imported From:			\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-29 - SOILS - Vertical Profile A-A' - Benzene.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2011			
Document No:			18235			
Type:			Removal Action Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Aug 22, 2011				
Document No:		18237				
Type:		Removal Action Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
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<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18239				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From: \\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-60 - GROUNDWATER - Vertical Profile B-B' - Xylenes.pdf						
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18200				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From: \\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-46 - SOILS - Vertical Profile B-B' - TPH-O.pdf						
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18202				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From: \\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-37 - SOILS - Vertical Profile A-A' - Naphthalene.pdf						
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18204				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From: \\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-59 - GROUNDWATER - Vertical Profile A-A' - Xylenes.pdf						
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18206				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From: \\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-36 - SOILS - Vertical Profile B-B' - Xylenes.pdf						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18208
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-28 - SOILS - 12'+ - TPH-O.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18210
Type: Undetermined
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-01-Free Product Location.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18212
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-47 - GROUNDWATER - Benzene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18214
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-19 - SOILS - 04'-12' - TPH-O.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18216
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-17 - SOILS - 04'-12' - TPH-G.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18218
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-43 - SOILS - Vertical Profile A-A' - TPH-D.pdf

iHEER System - Documents

Date : Aug 22, 2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18220			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
Imported From:			\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-70 - Distribution of Total On-Site Contaminant Mass.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2011			
Document No:			18222			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
Imported From:			\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-44 - SOILS - Vertical Profile B-B' - TPH-D.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2011			
Document No:			18224			
Type:			Remedial Investigation Report			
Title:			Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building			
Imported From:			\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-26 - SOILS - 12'+ - TPH-G.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 2, 1999			
Document No:			18342			
Type:			Response Action Memorandum			
Title:			Response Action Memorandum			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37926.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 30, 2002			
Document No:			18361			
Type:			Response Action Memorandum			
Title:			Response Action Memorandum Costco			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\8678_RAM.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 20, 2011			
Document No:			18301			
Type:			Response to Comments			
Title:			Response to Comment on Draft Environmental Management Plan Home Depot			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\94987.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 1992			
Document No:			18135			
Type:			Undetermined			
Title:			Response to request for copy of Can Plant UST Blueprint			
Imported From:			126396#\Heersharepoint1\facilitysite%20documents\126396.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2007			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18138			
Type:			Undetermined			
Title:			Results of Fifth Sampling Event, Dole Cannery Building Indoor Air Quality Study, Iwilei District, Honolulu Hawaii			
Imported From:			126409#\Heersharepoint1\facilitiesite%20documents\126409.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 27, 2006			
Document No:			18148			
Type:			Undetermined			
Title:			Results of First and Second Sampling Events, Dole Cannery Building Indoor Air Quality Study, Iwilei District, Honolulu Hawaii			
Imported From:			127614#\Heersharepoint1\facilitiesite%20documents\127614.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 2, 2008			
Document No:			18600			
Type:			Monitoring Report			
Title:			Groundwater Treatment System and Monitoring Well Closure Report, Sprint Building Parking Lot			
Imported From:			\facilitiesite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\39700_Closure Report.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 1, 1990			
Document No:			20839			
Type:			Undetermined			
Title:			Guidance Manual for EPA Chemical Safety Audit Team Members			
Imported From:			37037.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 13, 1995			
Document No:			18669			
Type:			Undetermined			
Title:			Hawaii Department of Health Request for Information, Jan 23, 1995 Regarding Honolulu Harbor			
Imported From:			543#\Heersharepoint1\facilitiesite%20documents\543.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 21, 1988			
Document No:			18673			
Type:			Undetermined			
Title:			Hazardous Substance Release and Emergency Notification Guidelines			
Imported From:			562.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 10, 2001			
Document No:			18366			
Type:			Undetermined			
Title:			Health and Safety Plan Remedial Action and Investigation Costco			
Imported From:			\facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36862.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2001			
Document No:			18378			
Type:			Undetermined			
Title:			Health and Safety Procedures for Confined Space Entry into Culvert			
Imported From:			\facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\36863.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 18, 2006
Document No: 18160
Type: Undetermined
Title: Historic Data Review Honolulu Harbor Iwilei District Operable Unit 3 Sites
Imported From: 5673#\Heersharepoint1\facilitiesite%20documents\5673.pdf

iHEER System - Documents

Date : Feb 16, 2011
Document No: 18338
Type: Undetermined
Title: Home Depot Request to Abandon Groundwater Monitoring Well
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Home Depot\94468.pdf

iHEER System - Documents

Date : Nov 9, 2001
Document No: 18533
Type: Undetermined
Title: Lab Reports and COC Records for Soil Samples
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Appendices\Appendix C1 Soil Lab Reports.pdf

iHEER System - Documents

Date : Feb 14, 1984
Document No: 18676
Type: Undetermined
Title: Laboratory Analysis of Dole's "Transit Ditch" Sludge
Imported From: 714.pdf

iHEER System - Documents

Date : Aug 8, 2003
Document No: 18131
Type: Undetermined
Title: Laboratory Reports
Imported From: 126411#\Heersharepoint1\facilitiesite%20documents\126411.pdf

iHEER System - Documents

Date : Apr 30, 2007
Document No: 20814
Type: Undetermined
Title: Letter by Keith explaining the indoor air situation in the CCPI Building
Imported From: 2007-268#Q:\2007 Final Correspondence (Day File)\07-268-RB.pdf

iHEER System - Documents

Date : Dec 17, 2007
Document No: 18575
Type: Letter of Completion
Title: Letter of Completion 925 Dillingham Property
Imported From: \facilitiesite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\07-843 MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :		Mar 27, 2008				
Document No:		18417				
Type:		Letter of Completion				
Title:		Letter of Completion Costco				
Imported From:		\facilitysite documents\media105023\Q Drive lwilei Files\Costco Warehouse\08-226-MS.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18226				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-05 - SOILS - 00'-04' - Xylenes.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18228				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-24 - SOILS - 12'+ - Naphthalene.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18230				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-16 - SOILS - 04'-12' - Benzo (a)pyrene.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18232				
Type:		Removal Action Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-63 - GROUNDWATER - Vertical Profile A-A' - TPH-G.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18234				
Type:		Removal Action Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-11 - SOILS - 04'-12' - Benzene.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18236				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date :					Aug 22, 2011	
Document No:					18238	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-62 - GROUNDWATER - Vertical Profile B-B' - Naphthalene.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18240	
Type:					Removal Action Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-15 - SOILS - 04'-12' - Naphthalene.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18242	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-42 - SOILS - Vertical Profile B-B' - TPH-G.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18244	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-49 - GROUNDWATER - Ethylbenzene.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18246	
Type:					Remedial Investigation Report	
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Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-48 - GROUNDWATER - Toluene.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 22, 2011	
Document No:					18248	
Type:					Remedial Investigation Report	
Title:					Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building	
Imported From:					\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-21 - SOILS - 12'+ - Toluene.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18250
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix B Photographs\Thumbs.db

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18252
Type: Undetermined
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix C Laboratory Data Reports\Thumbs.db

iHEER System - Documents

Date : Mar 10, 2008
Document No: 18385
Type: Undetermined
Title: Review of Costco Groundwater Monitoring Report Second Quarter 2007 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\08-119-MS.pdf

iHEER System - Documents

Date : Aug 25, 2008
Document No: 18351
Type: Undetermined
Title: Review of Costco Groundwater Monitoring Report Second Quarter 2008 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\08-568-MS.pdf

iHEER System - Documents

Date : Mar 8, 2004
Document No: 18334
Type: Review Letter
Title: Review of December 2003 Semi-Annual Groundwater Monitoring Report Home Depot
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\04-093 MS.pdf

iHEER System - Documents

Date : Mar 31, 2005
Document No: 18318
Type: Review Letter
Title: Review of December 2004 Semi-Annual Groundwater Monitoring Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\05-162 MS.pdf

iHEER System - Documents

Date : Apr 10, 2006
Document No: 18341
Type: Monitoring Report
Title: Review of December 2005 Annual Groundwater Monitoring Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\06-212-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No:			18316			
Type:			Review Letter			
Title:			Review of December 2006 Annual Groundwater Monitoring Report			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\07-324 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 9, 2008			
Document No:			18308			
Type:			Review Letter			
Title:			Review of December 2007 Annual Groundwater Monitoring Report Home Depot			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\08-274-MS.pdf			
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Date :			Mar 25, 2010			
Document No:			18292			
Type:			Review Letter			
Title:			Review of December 2009 Annual Groundwater Monitoring Report			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\10-205-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 16, 2016			
Document No:			20795			
Type:			Undetermined			
Title:			Review of Dole Cannery Building Suite 105 Horizontal Extraction Well System Expansion Work Plan, dated Mar 11, 2016			
Imported From:			2016-088#Q:\2016 Final Correspondence (Day File)\16-088 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 2013			
Document No:			20796			
Type:			Undetermined			
Title:			Review of Dole Cannery Building Suite 105 Horizontal Extraction Well, Installation Work Plan, Jun 14, 2013, by Weston Solutions Inc			
Imported From:			2013-330#Q:\2013 Final Correspondence (Day File)\13-330-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 8, 2013			
Document No:			18682			
Type:			Undetermined			
Title:			Review of Dole Cannery Building Treatability Work Plan, Former GASCO Facility/Dole Cannery Building, 29 Mar 2013, by Weston Solutions Inc			
Imported From:			2013-257#Q:\2013 Final Correspondence (Day File)\13-257-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 18, 1995			
Document No:			20828			
Type:			Undetermined			
Title:			Honolulu Harbor Areawide Contamination (Iwilei Site) - Initiation of Honolulu Harbor Group			
Imported From:			47464#\Heersharepoint1\facilitysite%20documents\47464.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 18, 1995			
Document No:			20818			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title:		Honolulu Harbor Areawide Contamination (Iwilei Site)- Initiation of Honolulu Harbor Group				
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Date :		Dec 18, 1995				
Document No:		20825				
Type:		Undetermined				
Title:		Honolulu Harbor meeting with PRPs 1/24/96				
Imported From:		47465#\Heersharepoint1\facilitiesite%20documents\47465.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 22, 1997				
Document No:		20819				
Type:		Undetermined				
Title:		Honolulu Harbor Technical Work Group's Initial List of Additional Parties with Potential Liabilities				
Imported From:		47877#\Heersharepoint1\facilitiesite%20documents\47877.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 16, 1996				
Document No:		20834				
Type:		Undetermined				
Title:		Honolulu Harbor Technical Workgroup Meeting Action Items				
Imported From:		47548#\Heersharepoint1\facilitiesite%20documents\47548.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 16, 1995				
Document No:		20827				
Type:		Undetermined				
Title:		Honolulu Harbor: Meeting Invite: 03/03/95				
Imported From:		47181#\Heersharepoint1\facilitiesite%20documents\47181.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 22, 1997				
Document No:		20830				
Type:		Request for Information				
Title:		Honolulu Harbor: Request for Information 1997				
Imported From:		47895#\Heersharepoint1\facilitiesite%20documents\47895.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 26, 1999				
Document No:		20821				
Type:		Undetermined				
Title:		Honolulu Harbor: Request for Information 1999				
Imported From:		49000#\Heersharepoint1\facilitiesite%20documents\49000.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 26, 1999				
Document No:		20799				
Type:		Undetermined				
Title:		Honolulu Harbor: Request for Information 1999				
Imported From:		48987#\Heersharepoint1\facilitiesite%20documents\48987.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 26, 1999
Document No: 20800
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From: 48989#\Heersharepoint1\facilitysite%20documents\48989.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 18118
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From: 48991#\Heersharepoint1\facilitysite%20documents\48991.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 20798
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 49418#\Heersharepoint1\facilitysite%20documents\49418.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 20797
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 49427#\Heersharepoint1\facilitysite%20documents\49427.pdf

iHEER System - Documents

Date : Jan 6, 1998
Document No: 18296
Type: Undetermined
Title: Human Health Risk Assessment
Imported From: \facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\37950.pdf

iHEER System - Documents

Date : Dec 19, 1997
Document No: 18093
Type: Undetermined
Title: Human Health Risk Assessment, Proposed Home Depot Development Former Dole Cannery Iwilei District, Honolulu HI
Imported From: 37073#\Heersharepoint1\facilitysite%20documents\37073.pdf

iHEER System - Documents

Date :
Document No: 18493
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iHEER System - Documents

Date :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title:			image			
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Date :						
Document No:			18497			
Type:			Undetermined			
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Date :						
Document No:			18498			
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<u>iHEER System - Documents</u>						
Date :			Sep 26, 2002			
Document No:			18116			
Type:			Undetermined			
Title:			Indoor Air Quality Monitoring Report Dole Cannery Square Building lwilei, Oahu HI			
Imported From:			37075#\Heersharepoint1\facilitysite%20documents\37075.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 3, 1999			
Document No:			18332			
Type:			Undetermined			
Title:			Letter of Completion Pursuant to the VPR Agreement			
Imported From:			\facilitysite documents\media105023\Q Drive lwilei Files\Home Depot\99-374 DB.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 27, 2008
Document No: 18355
Type: Undetermined
Title: Letter of Completion Pursuant to the VPR Agreement
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\08-225-MS.pdf

iHEER System - Documents

Date : Dec 11, 2007
Document No: 18591
Type: Letter of Completion
Title: Letter of Completion Pursuant to the VPR Agreement Castle & Cooke
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\07-826 MS signed LOC 925 Dillingham.pdf

iHEER System - Documents

Date :
Document No: 18655
Type: Letter of Interest
Title: Letter of Interest and Recommendations for Action
Imported From: \facilitysite documents\media105023\003_HDOH_LOI\10-374 AF_LOI.pdf

iHEER System - Documents

Date : Feb 9, 2012
Document No: 18667
Type: Undetermined
Title: Letter of Interest Dole Cannery Complex
Imported From: 2012-076#Q:\2012 Final Correspondence (Day File)\12-076-KO.pdf

iHEER System - Documents

Date : Feb 8, 2012
Document No: 18649
Type: Letter of Interest
Title: Letter of Interest Dole Cannery Complex
Imported From: \facilitysite documents\media105023\006_LOI CCPI and Dole\01_LOI CCPI - Dole 12-076-KO.pdf

iHEER System - Documents

Date : Jan 7, 1997
Document No: 20794
Type: Undetermined
Title: Letter Report, Anomaly Investigation Lot 7, Iwilei Development Property
Imported From: 4619#\Heersharepoint1\facilitysite%20documents\4619.pdf

iHEER System - Documents

Date : Sep 11, 1997
Document No: 18677
Type: Undetermined
Title: Letter Report, Pipeline Closure and Remedial Action in Lot B, Alakawa St, CCPI Iwilei Development Properties
Imported From: 4617#\Heersharepoint1\facilitysite%20documents\4617.pdf

iHEER System - Documents

Date : Feb 3, 1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			18665			
Type:			Undetermined			
Title:			Letter Report, Soil Gas Sampling Phase II ESA, Lot Seven, Castle & Cooke Iwilei Properties, Honolulu HI			
Imported From:			4616#\Heersharepoint1\facilitiesite%20documents\4616.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 25, 2003			
Document No:			20788			
Type:			Undetermined			
Title:			Letters between the Clean Water Branch and Castle & Cooke Commercial			
Imported From:			126402#\Heersharepoint1\facilitiesite%20documents\126402.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18648			
Type:			Undetermined			
Title:			Map			
Imported From:			\facilitiesite documents\media105023\006_LOI CCPI and Dole\Nimitz Highway Petroleum-Pipelines 3-14-11.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18651			
Type:			Undetermined			
Title:			Map			
Imported From:			\facilitiesite documents\media105023\006_LOI CCPI and Dole\Draft - Tentative Dole Property boundary plan.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			18510			
Type:			Undetermined			
Title:			Map Remedial Actions Area A			
Imported From:			\facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36887\FRI pdf Figures\02-1042 FRI Fig 12 X Section.pdf			
<u>iHEER System - Documents</u>						
Date :						
Document No:			198389			
Type:			Undetermined			
Title:			Maps Dole Cannery			
Imported From:						
<u>iHEER System - Documents</u>						
Date :						
Document No:			18547			
Type:			Undetermined			
Title:			Media			
Imported From:			\facilitiesite documents\media105023\Q Drive Iwilei Files\Costco Warehouse A\Costco Warehouse\Media36856\Thumbs.db			
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Date :						
Document No:			18511			
Type:			Undetermined			
Title:			Media			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :		Jan 30, 1996				
Document No:		20820				
Type:		Undetermined				
Title:		meeting 3/14/96				
Imported From:		47483#\Heersharepoint1\facilitysite%20documents\47483.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 30, 1996				
Document No:		20824				
Type:		Undetermined				
Title:		meeting 3/14/96				
Imported From:		47482#\Heersharepoint1\facilitysite%20documents\47482.pdf				
<u>iHEER System - Documents</u>						
Date :		May 25, 2001				
Document No:		18376				
Type:		Undetermined				
Title:		Mitigation and Risk Management Plan Costco				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\36853_Risk Management Plan.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 7, 1988				
Document No:		20793				
Type:		Undetermined				
Title:		Notification of Ammonia Releases Above Reportable Quantities as Required Under Section 304 Title III of the Superfund Amendments and Reauthorization Act (SAR) of 1986				
Imported From:		47241.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 1999				
Document No:		18345				
Type:		Undetermined				
Title:		Operation and Maintenance Plan Gas Monitoring and Control System Home Depot				
Imported From:		\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\37923.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 18, 2002				
Document No:		18099				
Type:		Undetermined				
Title:		Petroleum Product Investigation Report Area A-CCPI Alleyway/Southeast Portion of Costco Warehouse Site Iwilei, Honolulu HI				
Imported From:		37078#\Heersharepoint1\facilitysite%20documents\37078.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18254				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\facilitysite documents\media124608\Appendices\Appendix I Hazard Screening\Appendix I.pdf				

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18256
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix E Slug Tests\Appendix E.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18258
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix A Field Forms\Appendix A.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18261
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix H Trend Analysis\Thumbs.db

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18171
Type: Undetermined
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\CCPI_RI_2011_0822 Final.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18173
Type: Undetermined
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-03 - SOILS - 00'-04' - Toluene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18175
Type: Undetermined
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Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-35 - SOILS - Vertical Profile A-A' - Xylenes.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18177

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18179				
Type:		Undetermined				
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Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Section 5 Figure list.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18181				
Type:		Undetermined				
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Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-71 - Distribution of Vadose Zone On-Site Contaminant Mass.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18183				
Type:		Undetermined				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-10 - SOILS - 00'-04' - TPH-O.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18185				
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Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-13 - SOILS - 04'-12' - Ethylbenzene.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2011				
Document No:		18187				
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Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Thumbs.db				
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Date :		Aug 22, 2011				
Document No:		18189				
Type:		Remedial Investigation Report				
Title:		Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building				
Imported From:		\\facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-66 - SV - Toluene.pdf				

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18191
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iHEER System - Documents

Date : Aug 22, 2011
Document No: 18193
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Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-32 - SOILS - Vertical Profile B-B' - Toluene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18195
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Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-72 - Distribution of Shallow Saturated Zone On-Site Contaminant Mass.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18197
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-40 - SOILS - Vertical Profile B-B' - Benzo(a)pyrene.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18199
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-73 - Distribution of Deep Saturated Zone On-Site Contaminant Mass.pdf.pdf

iHEER System - Documents

Date : Aug 22, 2011
Document No: 18201
Type: Remedial Investigation Report
Title: Remedial Investigation of the GASCO Plume at the Dole Cannery Building, Former GASCO Facility/Dole Cannery Building
Imported From: \facilitysite documents\media124608\Appendices\Appendix G GASCO Figures\Fig.5-30 - SOILS - Vertical Profile B-B' - Benzene.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jan 5, 2011			
Document No:			18337			
Type:			Review Letter			
Title:			Review of Draft Environmental Management Plan Home Depot			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\11-009 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 21, 2017			
Document No:			18143			
Type:			Review Letter			
Title:			Review of Draft Remedial Alternatives Analysis, Dole Cannery Building 650 Iwilei Rd, Honolulu Hawaii			
Imported From:			2017-083#Q:2017 Final Correspondence (Day File)\17-083 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 25, 2007			
Document No:			18607			
Type:			Review Letter			
Title:			Review of Draft Response Action Memorandum			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Sprint PCS Call Center\07-455-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 20, 2011			
Document No:			18454			
Type:			Undetermined			
Title:			Review of Draft Supplemental Remedial Investigation Report Former GASCO			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Dole Iwilei\11-027 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 20, 2011			
Document No:			18168			
Type:			Review Letter			
Title:			Review of Draft Supplemental Remedial Investigation Report, Former GASCO Facility/Dole Cannery, Dec 21, 2010, by Weston Solutions Inc			
Imported From:			2011-027#Q:2011 Final Correspondence (Day File)\11-027-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 15, 2011			
Document No:			18297			
Type:			Environmental Hazard Evaluation Report			
Title:			Review of EHE and EHMP			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Home Depot\11-317 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 17, 2004			
Document No:			18416			
Type:			Review Letter			
Title:			Review of First Quarter 2004 Groundwater Monitoring Program Status Report Costco			
Imported From:			\facilitysite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\04-215 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2004			
Document No:			18367			
Type:			Review Letter			
Title:			Review of Fourth Quarter 2003 Groundwater Monitoring Program Status Report Costco			

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Date :					Apr 2, 2008	
Document No:					18413	
Type:					Review Letter	
Title:					Review of Fourth Quarter 2007 Groundwater Monitoring Program Status Report	
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\08-255-MS.pdf						
<u>iHEER System - Documents</u>						
Date :					Jun 8, 2011	
Document No:					18347	
Type:					Review Letter	
Title:					Review of Free Product Recovery Sump-3 Closure Report For Costco \wilei	
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\11-306 MS.pdf						
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Date :					Mar 17, 1997	
Document No:					20829	
Type:					Undetermined	
Title:					Issuance of an order	
Imported From: 47704#\Heersharepoint1\facilitysite%20documents\47704.pdf						
<u>iHEER System - Documents</u>						
Date :					Jul 18, 2005	
Document No:					18581	
Type:					Phase I Environmental Site Assessment	
Title:					Phase I Environmental Site Assessment Report Sprint	
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\39676_Phase I.pdf						
<u>iHEER System - Documents</u>						
Date :					Aug 3, 1998	
Document No:					18133	
Type:					Undetermined	
Title:					Phase I ESA	
Imported From: 126636#\Heersharepoint1\facilitysite%20documents\126636.pdf						
<u>iHEER System - Documents</u>						
Date :					Feb 11, 2004	
Document No:					18340	
Type:					Review Letter	
Title:					Review of Gas Monitoring and Control System Year 2003 Operation and Maintenance Report Home Depot	
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\04-048 MS.pdf						
<u>iHEER System - Documents</u>						
Date :					Jan 8, 2004	
Document No:					18410	
Type:					Review Letter	
Title:					Review of Groundwater Monitoring and Annual Remedial Systems 2002 through 2003 Costco	
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\04-006 MS.pdf						
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Date :			Feb 6, 2006			
Document No:			18365			
Type:			Review Letter			
Title:			Review of Groundwater Monitoring Program Fourth Quarter 2005 Status Report			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\06-064 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 15, 2008			
Document No:			18574			
Type:			Review Letter			
Title:			Review of Groundwater Treatment System Monitoring Well Closure Report Sprint			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\08-758-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 17, 2004			
Document No:			18320			
Type:			Undetermined			
Title:			Review of June 2004 Semi-Annual Groundwater Monitoring Report Home Depot			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\04-391 MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2006			
Document No:			18374			
Type:			Undetermined			
Title:			Review of Phase II Environmental Site Inspection Report Costco			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\06-800-RB.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 13, 2005			
Document No:			18489			
Type:			Review Letter			
Title:			Review of Pipeline Investigation Report \wilei Business Center			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\wilei Business Center\05-647_NFW MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 21, 2006			
Document No:			18425			
Type:			Review Letter			
Title:			Review of Public Participation Plan Costco			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\06-370-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 16, 2007			
Document No:			18588			
Type:			Review Letter			
Title:			Review of Public Participation Plan July 13, 2007			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\07-731-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 1, 2008			
Document No:			18595			
Type:			Undetermined			
Title:			Review of Quarterly Status Report Feb 2008			
Imported From:			\facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\08-250-MS.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Feb 2, 2005
Document No: 18371
Type: Review Letter
Title: Review of Remedial Investigation Report Costco
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\05-079 MS.pdf

iHEER System - Documents

Date : Dec 11, 2007
Document No: 18579
Type: Review Letter
Title: Review of Remediation Summary Report Quarterly Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\07-834-MS.pdf

iHEER System - Documents

Date : May 9, 2007
Document No: 18584
Type: Review Letter
Title: Review of Revised Remedial Action Alternative Analysis Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\07-306 MS.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 18354
Type: Review Letter
Title: Review of Revised Remedial Alternative Analysis Report Costco
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\06-033 MS.pdf

iHEER System - Documents

Date : Jun 30, 2005
Document No: 18409
Type: Review Letter
Title: Review of Second Revised Costco Site Remedial Investigation Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\05-322 MS.pdf

iHEER System - Documents

Date : Aug 26, 2008
Document No: 18580
Type: Review Letter
Title: Review of Semi Annual Status Report July 2008 Remediation Enhancement Monitoring Program
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\08-571-MS.pdf

iHEER System - Documents

Date : Oct 23, 2003
Document No: 18319
Type: Undetermined
Title: Review of Semi-Annual Groundwater Monitoring Report Home Depot
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Home Depot\03-351 MS.pdf

iHEER System - Documents

Date : Feb 27, 2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		18139				
Type:		Undetermined				
Title:		Results of First and Secone Sampling Events Dole Cannery Building Indoor Air Quality Study, Iwilei District, Honolulu Hawaii				
Imported From:		126392#\Heersharepoint1\facilitsite%20documents\126392.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 26, 2007				
Document No:		18127				
Type:		Undetermined				
Title:		Results of Fourth Sampling Event, Dole Cannery Building Indoor Air Quality Study, Iwilei District, Honolulu Hawaii				
Imported From:		126408#\Heersharepoint1\facilitsite%20documents\126408.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 10, 2007				
Document No:		18167				
Type:		Undetermined				
Title:		Results of Third Sampling Even, Dole Cannery Building Indoor Air Quality Study, Iwilei District, Honolulu Hawaii				
Imported From:		126406#\Heersharepoint1\facilitsite%20documents\126406.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 10, 2010				
Document No:		18158				
Type:		Undetermined				
Title:		Review and approval of Supplemental WP				
Imported From:		2010-163#Q:\2010 Final Correspondence (Day File)\10-163-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 12, 2001				
Document No:		18305				
Type:		Undetermined				
Title:		Review Letter of Proposed Revision to the Gas Monitoring Plan				
Imported From:		\facilitsite documents\media105023\Q Drive Iwilei Files\Home Depot\01-197 ES.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 24, 2005				
Document No:		18407				
Type:		Monitoring Report				
Title:		Review of Annual Remedial System Operation and Groundwater Monitoring Report Costco				
Imported From:		\facilitsite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\05-434-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 3, 2009				
Document No:		18372				
Type:		Review Letter				
Title:		Review of Annual Remedial System Operation and Groundwater Monitoring Report Costco				
Imported From:		\facilitsite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\09-799 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 24, 2006				
Document No:		18394				
Type:		Review Letter				
Title:		Review of Annual Remedial System Operation and Groundwater Monitoring Report Third Quarter 2006				
Imported From:		\facilitsite documents\media105023\Q Drive Iwilei Files\Costco Warehouse\06-740-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 24, 2005
Document No: 18360
Type: Review Letter
Title: Review of Costco Groundwater Monitoring Program Third Quarter 2004
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\05-055 MS.pdf

iHEER System - Documents

Date : Nov 8, 2005
Document No: 18383
Type: Review Letter
Title: Review of Costco Groundwater Monitoring Program Third Quarter 2005 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\05-572 MS.pdf

iHEER System - Documents

Date : Jun 20, 2007
Document No: 18352
Type: Undetermined
Title: Review of Costco Groundwater Monitoring Report First Quarter 200 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\07-395-MS.pdf

iHEER System - Documents

Date : May 17, 2006
Document No: 18427
Type: Undetermined
Title: Review of Costco Groundwater Monitoring Report First Quarter 2006 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\06-302-MS.pdf

iHEER System - Documents

Date : Jun 30, 2008
Document No: 18373
Type: Review Letter
Title: Review of Costco Groundwater Monitoring Report First Quarter 2008 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\08-445-MS.pdf

iHEER System - Documents

Date : Mar 19, 2007
Document No: 18353
Type: Monitoring Report
Title: Review of Costco Groundwater Monitoring Report Fourth Quarter 2006 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\07-181-MS.pdf

iHEER System - Documents

Date : Dec 27, 2004
Document No: 18387
Type: Undetermined
Title: Review of Costco Groundwater Monitoring Report Second Quarter 2004 Status Report
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Costco Warehouse\04-558 MS.pdf

iHEER System - Documents

Date : Jul 25, 2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document No: 18592
Type: Review Letter
Title: Review of Soil Vapor Sampling Report Sprint
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\06-439-MS.pdf

iHEER System - Documents

Date : Jul 25, 2006
Document No: 18582
Type: Review Letter
Title: Review of Task 1 Summary of Historical Environmental Information
Imported From: \facilitysite documents\media105023\Q Drive \wilei Files\Sprint PCS Call Center\06-434-MS.pdf

iHEER System - Locations Details

Locations ID: 870
Location Type: SC
Description: Dole Cannery
Comment : Google Earth
Centroid: POINT (-157.872308 21.318174999999982)
Geometry:

POINT (-157.872308 21.318174999999982)

iHEER System - Locations Details

Locations ID: 4074
Location Type: SB
Description: ManagA- Dole Cannery
Comment :
Centroid: POINT (-157.87198584872922 21.318355418559985)
Geometry:

POLYGON ((-157.87370316965468 21.31987378248494, -157.8741323231 21.320093663741009, -157.873113083673 21.320753305532325, -157.87114970667159 21.319713868638079, -157.87058107836077 21.320473457861365, -157.8699695347081 21.320093663741009, -157.87039868815347 21.319563949247918, -157.86893956645011 21.318734392521176, -157.86900393946289 21.318594466828507, -157.86877863390475 21.318494519823073, -157.87032358630074 21.316365632454229, -157.87090294344253 21.316045796943349, -157.87164323312965 21.31695532735128, -157.87211530191681 21.317485051257222, -157.87268393022762 21.317245176517993, -157.87183635218588 21.315626011777674, -157.87191145403858 21.315576037272688, -157.87250154002032 21.316645487955292, -157.87353150827835 21.316135750751275, -157.87430398447634 21.317594993714806, -157.87516229135804 21.317255171306019, -157.87522666437977 21.317475056483978, -157.87433617098719 21.318854328723258, -157.87370316965468 21.31987378248494))

iHEER System - Locations Details

Locations ID: 4075
Location Type: SC
Description: Best Buy
Comment :
Centroid: POINT (-157.874508 21.318094999999996)
Geometry:

POINT (-157.874508 21.318094999999996)

iHEER System - Locations Details

Locations ID: 4076
Location Type: SC
Description: Costco
Comment :
Centroid: POINT (-157.871171 21.318554000000006)
Geometry:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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POINT (-157.871171 21.318554000000006)

iHEER System - Locations Details

Locations ID: 4078
Location Type: SC
Description: Home Depot
Comment :
Centroid: POINT (-157.873349 21.317075000000001)
Geometry:

POINT (-157.873349 21.317075000000001)

iHEER System - Locations Details

Locations ID: 4079
Location Type: SC
Description: Costco Gas Station
Comment :
Centroid: POINT (-157.872067 21.319243999999998)
Geometry:

POINT (-157.872067 21.319243999999998)

iHEER System - Locations Details

Locations ID: 4077
Location Type: SC
Description: Cannery
Comment :
Centroid: POINT (-157.871010000000004 21.316814999999984)
Geometry:

POINT (-157.871010000000004 21.316814999999984)

iHEER System - Locations Details

Locations ID: 4080
Location Type: SC
Description: Sprint Lot
Comment :
Centroid: POINT (-157.871541 21.319652999999985)
Geometry:

POINT (-157.871541 21.319652999999985)

iHEER System - Locations Details

Locations ID: 4081
Location Type: SC
Description: Dole Can Plant
Comment :
Centroid: POINT (-157.873611 21.318332999999996)
Geometry:

POINT (-157.873611 21.318332999999996)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.871171 21.318554000000006)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.318554000000006,-157.871171

Site Details

Centroid: POINT (-157.873611 21.318332999999996)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.318332999999996,-157.873611

Site Details

Centroid: POINT (-157.872067 21.319243999999998)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.319243999999998,-157.872067

Site Details

Centroid: POINT (-157.873349 21.317075000000001)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.317075000000001,-157.873349

Site Details

Centroid: POINT (-157.872308 21.318174999999982)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.318174999999982,-157.872308

Site Details

Centroid: POINT (-157.871541 21.319652999999985)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.319652999999985,-157.871541

Site Details

Centroid: POINT (-157.874508 21.318094999999996)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.318094999999996,-157.874508

Site Details

Centroid: POINT (-157.87101000000004 21.316814999999984)
Updated On: 9/21/2021 12:38:07 PM
Coordinates: 21.316814999999984,-157.87101000000004

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		Iwilei Development Properties				
<u>iHEER System - Aliases</u>						
Name:		Dole Cannery Complex				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		Dole Cannery				
<u>iHEER System - Aliases</u>						
Name:		Castle and Cooke Properties, Inc.				
<u>iHEER System - Aliases</u>						
Name:		Dole Iwilei				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		Honolulu High-Capacity Transit Corridor Project				

283	1 of 1	NNE	0.87 / 4,583.07	34.98 / 32	Kauluwela Elementary School Building Exterior Soils 1486 Aala St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2917
Site Name (Public iHEER): Kauluwela Elementary School Building Exterior Soils
Aliases (Public iHEER): DOE Oahu Elementary Schools Building Exterior Soils
Street (Public iHEER): 1486 Aala St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/10/2021 4:48:33 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 1486 Aala St, Honolulu, HI 96817, USA
Tax Map Keys (Public iHEER): 117023040, 117023041, 117023042
iHEER ID (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2917
Site Name (PORTAL): Kauluwela Elementary School Building Exterior Soils
Loc Desc (PORTAL): 1486 Aala St, Honolulu, HI 96817, USA
Address (PORTAL): 1486 Aala St
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2917/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 4283
Location Type: SC
Description:
Comment : Google Maps
Centroid: POINT (-157.858821 21.319017999999993)
Geometry:

POINT (-157.858821 21.319017999999993)

iHEER System - Locations Details

Locations ID: 6467
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.85962521939049 21.319398112121711)
Geometry:

POLYGON ((-157.86070122851314 21.320059940471179, -157.85995020999502 21.320604645016154, -157.85829796923542
 21.318695671593932, -157.85877003802261 21.318345857019597, -157.85934939517335 21.318855586550718, -157.85978391303419
 21.3185057723574, -157.8602130664795 21.318910557276652, -157.86040082110227 21.319115447983261, -157.860475922955
 21.319535223172323, -157.860475922955 21.319785088786709, -157.86070122851314 21.320059940471179))

Site Details

Centroid: POINT (-157.858821 21.319017999999993)
Updated On: 11/10/2021 4:48:33 PM
Coordinates: 21.319017999999993,-157.858821

iHEER System - Aliases

Name: DOE Oahu Elementary Schools Building Exterior Soils

284	1 of 1	NNW	0.87 / 4,601.07	6.56 / 3	Costco Iwilei 525 Alakawa St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 34
Site Name (Public iHEER): Costco Iwilei
Aliases (Public iHEER): 525 Alakawa, Brownfields Received a Restricted NFA, Construction EHMP, Costco Warehouse 687, Honolulu Harbor, SLR 3.2ft Flooding, VRP-11, Voluntary Response Program 11

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Street (Public iHEER):		525 Alakawa St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		VRP				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/6/2019 7:58:16 AM				
Ms Access ID (Public iHEER):		164				
Suppl Loc (Public iHEER):		525 Alakawa St				
Tax Map Keys (Public iHEER):		115012017				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		34				
Site Name (PORTAL):		Costco Iwilei				
Loc Desc (PORTAL):		525 Alakawa St				
Address (PORTAL):		525 Alakawa St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		VRP				
Assigned Rpm (PORTAL):		Sven Lindstrom				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/34/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Aug 21, 2008
Document No: 5226
Type: Undetermined
Title: Proposed Changes to the Costco Groundwater Monitoring Program, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 8024#\Heersharepoint1\facilitiesite%20documents\8024.pdf

iHEER System - Documents

Date : Jun 8, 2006
Document No: 30087
Type: Undetermined
Title: Public Participation Plan
Imported From: 126027#\Heersharepoint1\facilitiesite%20documents\126027.pdf

iHEER System - Documents

Date : Jul 30, 2002
Document No: 7919
Type: Response Action Memorandum
Title: RAM
Imported From: 8678#\Heersharepoint1\facilitiesite%20documents\8678.pdf

iHEER System - Documents

Date : Jul 30, 2002
Document No: 7920

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		RAM				
Imported From:		\facilitysite documents\media8678\Cover letter.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 17, 2006				
Document No:		9673				
Type:		Undetermined				
Title:		Records for Public Review				
Imported From:		5199#\Heersharepoint1\facilitysite%20documents\5199.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2002				
Document No:		4689				
Type:		Undetermined				
Title:		Remedial Action Design, Construction, and Implementation Plan, Costco Wholesale Corporation Development Property Iwilei, Honolulu HI				
Imported From:		\facilitysite documents\media36872\36872draft.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2002				
Document No:		4688				
Type:		Undetermined				
Title:		Remedial Action Design, Construction, and Implementation Plan, Costco Wholesale Corporation Development Property Iwilei, Honolulu HI				
Imported From:		36872#\Heersharepoint1\facilitysite%20documents\36872.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 10, 2006				
Document No:		4671				
Type:		Remedial Alternatives Analysis Report				
Title:		Remedial Alternative Analysis Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI EI Project No 502-107-301				
Imported From:		36907#\Heersharepoint1\facilitysite%20documents\36907.pdf				
<u>iHEER System - Documents</u>						
Date :		May 16, 2001				
Document No:		30119				
Type:		Request for Information				
Title:		Request for Supporting and Supplemental Information				
Imported From:		126000#\Heersharepoint1\facilitysite%20documents\126000.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 5, 2002				
Document No:		4804				
Type:		Review Letter				
Title:		Response Final RADCIWP				
Imported From:		2002-151#Q:\2002 Final Correspondence (Day File)\02-151-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 4, 2002				
Document No:		4797				
Type:		Undetermined				
Title:		Costco Groundwater Monitoring Program Quarterly Status Report				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		36881#\Heersharepoint1\facilitiesite%20documents\36881.pdf				
<u>iHEER System - Documents</u>						
Date :	Nov 4, 2002					
Document No:	4798					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Program Quarterly Status Report					
Imported From:	\facilitiesite documents\media36881\36881.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 8, 2007					
Document No:	4665					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Program, 1st Quarter 2007 Status Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:	36913#\Heersharepoint1\facilitiesite%20documents\36913.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 12, 2008					
Document No:	4664					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Program, 1st Quarter 2008 Status Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:	36918#\Heersharepoint1\facilitiesite%20documents\36918.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 15, 2008					
Document No:	4678					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Program, 2nd Quarter 2007 Status Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:	36915#\Heersharepoint1\facilitiesite%20documents\36915.pdf					
<u>iHEER System - Documents</u>						
Date :	Jan 17, 2008					
Document No:	4659					
Type:	Monitoring Report					
Title:	Costco Groundwater Monitoring Program, 3rd Quarter 2007 Status Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:	36914#\Heersharepoint1\facilitiesite%20documents\36914.pdf					
<u>iHEER System - Documents</u>						
Date :	Nov 14, 2018					
Document No:	4662					
Type:	Land Use Control Inspection Report					
Title:	Costco Iwilei Parking Lot Inspection					
Imported From:	134039#\Heersharepoint1\facilitiesite%20documents\134039.pdf					
<u>iHEER System - Documents</u>						
Date :	Sep 26, 2001					
Document No:	4616					
Type:	Undetermined					
Title:	COSTCO Iwilei Site VRP, Construction Management and Environmental Project Management Concerns					
Imported From:	2001-319#Q:2001 Final Correspondence (Day File)\01-319-KK.pdf					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 2, 2002
Document No: 30117
Type: Undetermined
Title: Costco Store GW Monitoring
Imported From: 126010#\Heersharepoint1\facilysite%20documents\126010.pdf

iHEER System - Documents

Date : Jul 5, 2001
Document No: 30127
Type: Undetermined
Title: COSTCO Voluntary Reponse Program Agreement - Completion of Task 1
Imported From: 126002#\Heersharepoint1\facilysite%20documents\126002.pdf

iHEER System - Documents

Date : Jun 20, 2001
Document No: 30114
Type: Undetermined
Title: Costco Voluntary Response Program Agreement 6/20/2001
Imported From: 379#\Heersharepoint1\facilysite%20documents\379.pdf

iHEER System - Documents

Date : Jul 10, 2001
Document No: 30120
Type: Undetermined
Title: Costco Voluntary Response Program Agreement 7/10/2001
Imported From: 380#\Heersharepoint1\facilysite%20documents\380.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 4796
Type: Undetermined
Title: Costco Warehouse Site Remedial Action Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI
Imported From: 36882#\Heersharepoint1\facilysite%20documents\36882.pdf

iHEER System - Documents

Date : Jan 2, 2002
Document No: 4746
Type: Undetermined
Title: Costco Warehouse Site Remedial Investigation Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI
Imported From: 36854#\Heersharepoint1\facilysite%20documents\36854.pdf

iHEER System - Documents

Date : Jan 2, 2002
Document No: 4747
Type: Remedial Investigation Report
Title: Costco Warehouse Site Remedial Investigation Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI
Imported From: \facilysite documents\media36854\36854.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Feb 25, 2002			
Document No:			4736			
Type:			Undetermined			
Title:			COSTCO Warehouse Site Remediation Action Design, Construction and Implementation Plan, COSTCO Wholesale Corporation Development Property Iwilei, Honolulu HI			
Imported From:			36871#\Heersharepoint1\facilitiesite%20documents\36871.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 10, 2002			
Document No:			30126			
Type:			Undetermined			
Title:			Costco Warehouse Site, Drain Line A Sealing, Costco Wholesale			
Imported From:			381#\Heersharepoint1\facilitiesite%20documents\381.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 16, 2006			
Document No:			30110			
Type:			Undetermined			
Title:			Costco Wholesale Corporation - Voluntary Response Program Agreement			
Imported From:			4746#\Heersharepoint1\facilitiesite%20documents\4746.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2006			
Document No:			30106			
Type:			Undetermined			
Title:			Costco Wholesale Corporation - Voluntary Response Program Agreement			
Imported From:			3561#\Heersharepoint1\facilitiesite%20documents\3561.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 13, 2004			
Document No:			30088			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Voluntary Response Program Agreement			
Imported From:			126024#\Heersharepoint1\facilitiesite%20documents\126024.pdf			
<u>iHEER System - Documents</u>						
Date :			May 15, 2001			
Document No:			29904			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Voluntary Response Program Agreement			
Imported From:			126830#\Heersharepoint1\facilitiesite%20documents\126830.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2001			
Document No:			4800			
Type:			Agreement			
Title:			Costco Wholesale Corporation Voluntary Response Program Agreement			
Imported From:			125973#\Heersharepoint1\facilitiesite%20documents\125973.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 13, 2001			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			4806			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Voluntary Response Program Application			
Imported From:			126827#\Heersharepoint1\facilitiesite%20documents\126827.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 21, 2001			
Document No:			4805			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Voluntary Response Program Application			
Imported From:			126828#\Heersharepoint1\facilitiesite%20documents\126828.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 11, 2002			
Document No:			30115			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Warehouse Site Public Participation Plan			
Imported From:			383#\Heersharepoint1\facilitiesite%20documents\383.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 17, 2001			
Document No:			4637			
Type:			Undetermined			
Title:			Daily Field Report Remedial Action Investigation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			36855#\Heersharepoint1\facilitiesite%20documents\36855.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2001			
Document No:			4801			
Type:			Undetermined			
Title:			DOH Oversight Documents			
Imported From:			\facilitiesite documents\media126016\Memorandums.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2001			
Document No:			4803			
Type:			Undetermined			
Title:			DOH Oversight Documents			
Imported From:			\facilitiesite documents\media126016\Work Plan Information.PDF			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2001			
Document No:			4802			
Type:			Undetermined			
Title:			DOH Oversight Documents			
Imported From:			\facilitiesite documents\media126016\Emails.PDF			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2005			
Document No:			30100			
Type:			Review Letter			
Title:			Response to 3rd Quarter 04 Monitoring Report. It includes the two MW on the gas station property for the first time			
Imported From:			2005-055#Q:\2005 Final Correspondence (Day File)\05-055-MS.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 10, 2003
Document No: 30112
Type: Comment Letter
Title: Response to Comments
Imported From: 1056#\Heersharepoint1\facilitiesite%20documents\1056.pdf

iHEER System - Documents

Date : Oct 30, 2002
Document No: 30111
Type: Comment Letter
Title: Response to Comments of Review of Updated Costco Warehouse Site Remedial Investigation Report (RI) and Review of Final Risk Assessment (RA)
Imported From: 93269#\Heersharepoint1\facilitiesite%20documents\93269.pdf

iHEER System - Documents

Date : Jun 4, 2003
Document No: 4619
Type: Review Letter
Title: Response to draft RAM Costco
Imported From: 2003-141#Q:\2003 Final Correspondence (Day File)\03-141-MS.pdf

iHEER System - Documents

Date : Jun 1, 2003
Document No: 30099
Type: Review Letter
Title: Response to Final RI
Imported From: 2003-129#Q:\2003 Final Correspondence (Day File)\03-129-MS.pdf

iHEER System - Documents

Date : May 21, 2001
Document No: 30077
Type: Undetermined
Title: Response to Memorandum dated May 16, 2001
Imported From: 126001#\Heersharepoint1\facilitiesite%20documents\126001.pdf

iHEER System - Documents

Date : May 17, 2006
Document No: 4692
Type: Review Letter
Title: Review and approval of 1st Quarter 2006 Groundwater Monitoring Report
Imported From: 2006-302#Q:\2006 Final Correspondence (Day File)\06-302-MS.pdf

iHEER System - Documents

Date : Aug 25, 2008
Document No: 15376
Type: Review Letter
Title: Review and Approval of 3 groundwater Monitoring Reports Doc. Log numbers 7980, 8024 and 8032
Imported From: 2008-568#Q:\2008 Final Correspondence (Day File)\08-568-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Jun 21, 2006				
Document No:		4738				
Type:		Review Letter				
Title:		Review and approval of Public Participation Plan				
Imported From:		2006-370#Q:\2006 Final Correspondence (Day File)\06-370-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 4, 2002				
Document No:		4631				
Type:		Review Letter				
Title:		Review of "Bunker C UST and Impacted Soil Removal Report, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Dec 04, 2001				
Imported From:		2002-004#Q:\2002 Final Correspondence (Day File)\02-004-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 29, 2001				
Document No:		4630				
Type:		Review Letter				
Title:		Review of "Fifth Work Plan Addendum for Remedial Action Alternatives Assessment and Selection, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Nov 06, 2001				
Imported From:		2001-384#Q:\2001 Final Correspondence (Day File)\01-384-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 6, 2001				
Document No:		4626				
Type:		Review Letter				
Title:		Review of "Fourth Work Plan Addendum for Additional Site Characterization and Construction Contingencies, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Oct 24, 2001				
Imported From:		2001-367#Q:\2001 Final Correspondence (Day File)\01-367-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 20, 2001				
Document No:		4624				
Type:		Review Letter				
Title:		Review of "Geophysical Survey and Anomaly Investigation Report, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Dec 13, 2001				
Imported From:		2001-406#Q:\2001 Final Correspondence (Day File)\01-406-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 20, 2001				
Document No:		4623				
Type:		Review Letter				
Title:		Review of "Revised Fifth Work Plan Addendum for Remedial Action Alternatives Assessment and Selection, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Dec 13, 2001				
Imported From:		2001-405#Q:\2001 Final Correspondence (Day File)\01-405-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 12, 2001				
Document No:		4620				
Type:		Review Letter				
Title:		Review of "Well Abandonment Report, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Dec 07, 2001				
Imported From:		2001-400#Q:\2001 Final Correspondence (Day File)\01-400-GL.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 18, 2004
Document No: 4640
Type: Review Letter
Title: Review of 1st Quarter 2004 Groundwater Monitoring Report
Imported From: 2004-215#Q:\2004 Final Correspondence (Day File)\04-215-MS.pdf

iHEER System - Documents

Date : Dec 27, 2004
Document No: 4658
Type: Review Letter
Title: Review of 2nd Quarter 04 and Annual Monitoring Report
Imported From: 2004-558#Q:\2004 Final Correspondence (Day File)\04-558-MS.pdf

iHEER System - Documents

Date : Aug 28, 2006
Document No: 30121
Type: Review Letter
Title: Review of 2nd Quarter groundwater Monitoring Report
Imported From: 2006-521#Q:\2006 Final Correspondence (Day File)\06-521-MS (2).pdf

iHEER System - Documents

Date : Mar 10, 2008
Document No: 4656
Type: Review Letter
Title: review of 3 Monitoring Reports that include closure of 2 sumps and 4 recovery wells
Imported From: 2008-119#Q:\2008 Final Correspondence (Day File)\08-119-MS.pdf

iHEER System - Documents

Date : Nov 8, 2005
Document No: 4633
Type: Review Letter
Title: Review of 3rd quarter 2005 groundwater Monitoring Report
Imported From: 2005-572#Q:\2005 Final Correspondence (Day File)\05-572-MS.pdf

iHEER System - Documents

Date : Jul 31, 2001
Document No: 4625
Type: Review Letter
Title: Review of Abandonment of Well Summary Report, Brewer Environmental Services, Jul 27, 2001
Imported From: 2001-251#Q:\2001 Final Correspondence (Day File)\01-251-GL.pdf

iHEER System - Documents

Date : Aug 24, 2005
Document No: 4648
Type: Review Letter
Title: Review of Annual Groundwater Monitoring Report
Imported From: 2005-434#Q:\2005 Final Correspondence (Day File)\05-434-MS.pdf

iHEER System - Documents

Date : Mar 24, 2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			30093			
Type:			Review Letter			
Title:			Review of Annual Remedial System Operation and Groundwater Monitoring Report for 2010 Costco Wholesale Iwilei Warehouse, Feb 22, 2011 by Kevin S. Kennedy Consulting LLC			
Imported From:			2011-172#Q:\2011 Final Correspondence (Day File)\11-172-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 4, 2002			
Document No:			30108			
Type:			Review Letter			
Title:			Review of Costco Warehouse Site Remedial Action Design, Construction and Implementation Work Plan, Costco Warehouse Corporation Development Property, Iwilei, Honolulu HI, Feb 25, 2002			
Imported From:			2002-078#Q:\2002 Final Correspondence (Day File)\02-078-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 20, 2002			
Document No:			4643			
Type:			Review Letter			
Title:			Review of Costco Warehouse Site Remedial Investigation Report, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI, Brewer Environmental Services (BES), Jan 2002			
Imported From:			2002-033#Q:\2002 Final Correspondence (Day File)\02-033-GL.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 20, 2001			
Document No:			4632			
Type:			Review Letter			
Title:			Review of Draft Addendum to Work Plan to Resume Box culvert Installation Costco Wholesale Corporation Development Property Iwilei, Honolulu HI", Brewer Environmental Services, Sep 19, 2001			
Imported From:			2001-312#Q:\2001 Final Correspondence (Day File)\01-312-GL.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 3, 2001			
Document No:			4618			
Type:			Review Letter			
Title:			Review of Draft First Revised Work Plan for Remedial Action and Investigation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Jul 30, 2001			
Imported From:			49929#\Heersharepoint1\facilitiesite%20documents\49929.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 11, 2001			
Document No:			4617			
Type:			Review Letter			
Title:			Review of Draft Phase II Environmental Site Investigation documents for Proposed Costco Site, Feb, 2001			
Imported From:			2001-233#Q:\2001 Final Correspondence (Day File)\01-233-GL.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 26, 2001			
Document No:			4627			
Type:			Review Letter			
Title:			Review of Draft Work Plan for Remedial Action and Investigation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI"			
Imported From:			2001-249#Q:\2001 Final Correspondence (Day File)\01-249-GL.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jul 26, 2005			
Document No:			4660			
Type:			Review Letter			
Title:			Review of First and 2nd Quarter 2005 Monitoring Reports			
Imported From:			2005-364#Q:\2005 Final Correspondence (Day File)\05-364-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2004			
Document No:			30089			
Type:			Review Letter			
Title:			Review of Forth Quarter 2003 Groundwater Monitoring Program Status Report Costco Warehouse Site, Jan 25, 2004			
Imported From:			2004-042#Q:\2004 Final Correspondence (Day File)\04-042-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 2, 2005			
Document No:			4644			
Type:			Review Letter			
Title:			Review of gas station RI			
Imported From:			2005-079#Q:\2005 Final Correspondence (Day File)\05-079-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 3, 2009			
Document No:			30105			
Type:			Review Letter			
Title:			Review of groundwater Monitoring Report			
Imported From:			2009-799#Q:\2009 Final Correspondence (Day File)\09-799-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2016			
Document No:			29906			
Type:			Review Letter			
Title:			Review of Iwilei Costco Electric Vehicle (EV) Fast Charger Station EHMP, 801 Dillingham Blvd, TMK 1-5-012-015			
Imported From:			2016-558#Q:\2016 Final Correspondence (Day File)\16-558 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 17, 2002			
Document No:			30102			
Type:			Review Letter			
Title:			Review of Public Participation Plan			
Imported From:			2002-090#Q:\2002 Final Correspondence (Day File)\02-090-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 9, 2002			
Document No:			4639			
Type:			Review Letter			
Title:			Review of RAM			
Imported From:			2002-241#Q:\2002 Final Correspondence (Day File)\02-241-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 20, 2007			
Document No:			4653			
Type:			Review Letter			
Title:			1st Quarter 07 GWM report			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2007-395#Q:\2007 Final Correspondence (Day File)\07-395-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 12, 2002				
Document No:		4638				
Type:		Review Letter				
Title:		Review of RAR				
Imported From:		2002-244#Q:\2002 Final Correspondence (Day File)\02-244-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 17, 2002				
Document No:		4649				
Type:		Review Letter				
Title:		Review of Revised Bunker C UST Report Costco				
Imported From:		2002-092#Q:\2002 Final Correspondence (Day File)\02-092-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 8, 2022				
Document No:		183972				
Type:		Review Letter				
Title:		Review of Revised Project-Specific Construction EHMP Pursuant to LOC dated 3/27/2008 Protective Traffic Bollard Installation and ADA Upgrades				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 5, 2002				
Document No:		4676				
Type:		Review Letter				
Title:		Review of RI/RA				
Imported From:		2002-234#Q:\2002 Final Correspondence (Day File)\02-234-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 11, 2001				
Document No:		4641				
Type:		Review Letter				
Title:		Review of Second Revised Work Plan for Remedial Action and Investigation, Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI", Brewer Environmental Services (BES), Sep 13, 2001				
Imported From:		2001-334#Q:\2001 Final Correspondence (Day File)\01-334-GL.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 2, 2022				
Document No:		197685				
Type:		Review Letter				
Title:		Review of Soil Handling and Disposal Report ADA Upgrades and Bollard Installation Costco Iwilei Warehouse Site				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 24, 2006				
Document No:		4647				
Type:		Review Letter				
Title:		Review of two groundwater Monitoring Reports. Closure of MW 30, 31, 32				
Imported From:		2006-740#Q:\2006 Final Correspondence (Day File)\06-740-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 21, 2018
Document No: 4661
Type: Review Letter
Title: Review of: Parking Lot Inspection Report 2018, Costco Iwilei Warehouse Parking Lot, 525 Alakawa St, Honolulu Hawaii dated November 7, 2018 by Kevin S. Kennedy Consulting, LLC.
Imported From: 2018-355#Q:\2018 Final Correspondence (Day File)\18-355 LC.PDF

iHEER System - Documents

Date : Oct 18, 2019
Document No: 171996
Type: Environmental Hazard Management Plan
Title: REVISED ADDENDUM 2 Revised Project Specific Construction Environmental Hazard Management Plan New Produce Cooler Construction/Installation Costco Iwilei Warehouse Site 525 Alakawa St., Honolulu, Hawaii 96817
Imported From:

iHEER System - Documents

Date : Apr 5, 2002
Document No: 4687
Type: Undetermined
Title: Revised Bunker C UST and Impacted Soil Removal Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI
Imported From: 36873#\Heersharepoint1\facilitiesite%20documents\36873.pdf

iHEER System - Documents

Date : Aug 5, 2019
Document No: 170911
Type: Environmental Hazard Management Plan
Title: Revised CEHMP for New Produce Cooler
Imported From:

iHEER System - Documents

Date : Dec 13, 2001
Document No: 4752
Type: Remedial Alternatives Analysis Report
Title: Revised Fifth Work Plan Addendum Remedial Action Alternatives Assessment and Selection Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI
Imported From: 36858#\Heersharepoint1\facilitiesite%20documents\36858.pdf

iHEER System - Documents

Date : Aug 31, 2001
Document No: 30080
Type: Undetermined
Title: Revised Human Health Risk Assessment Report, Iwilei Costco Wholesale Site
Imported From: 126005#\Heersharepoint1\facilitiesite%20documents\126005.pdf

iHEER System - Documents

Date : Feb 9, 2004
Document No: 4677
Type: Undetermined
Title: Revised Table 3 Summary of Product Recovery, Costco Groundwater Monitoring Program Fourth Quarter 2003 Status Report, Costco Warehouse Site, 525 Alakawa Steet, Iwilei, Honolulu, Oahu HI
Imported From: 126025#\Heersharepoint1\facilitiesite%20documents\126025.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2001			
Document No:			4628			
Type:			Undetermined			
Title:			Scope of Work for the Remedial Action and Investigation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			2001-356#Q:\2001 Final Correspondence (Day File)\01-356-GL.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 30, 2001			
Document No:			29910			
Type:			Undetermined			
Title:			Site photos			
Imported From:			\\facilitysite documents\media126014\Various Dates.PDF			
<u>iHEER System - Documents</u>						
Date :			Sep 4, 2019			
Document No:			171157			
Type:			Environmental Hazard Management Plan			
Title:			Draft ADDENDUM 1 - COSTCO CEHMP - COMPLETE - 4SEPT2019			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Oct 10, 2001			
Document No:			4635			
Type:			Undetermined			
Title:			Draft Addendum Work Plan for Managing Petroleum Impact in Southwest Portion of Site Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			36869#\Heersharepoint1\facilitysite%20documents\36869.pdf			
<u>iHEER System - Documents</u>						
Date :			May 20, 2003			
Document No:			4794			
Type:			Undetermined			
Title:			Draft RAM Costco Wholesale Warehouse Site Alakawa St, Honolulu HI			
Imported From:			36886#\Heersharepoint1\facilitysite%20documents\36886.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 14, 2006			
Document No:			30090			
Type:			Response Action Memorandum			
Title:			Draft RAM, Costco Warehouse and Gas Station Site			
Imported From:			4748#\Heersharepoint1\facilitysite%20documents\4748.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 12, 2019			
Document No:			171190			
Type:			Undetermined			
Title:			e-mail RE: no review of Draft CEHMP Addendum 1 submittal			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 9, 2016			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			30085			
Type:			Undetermined			
Title:			EHMP for 801 Dillingham Boulevard Electric Vehicle Fast Charger Station			
Imported From:			\\facilitysite documents\media123492\2016_12_12_EHMP_xmittal_2_DOH.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 9, 2016			
Document No:			30084			
Type:			Environmental Hazard Evaluation Report			
Title:			EHMP for 801 Dillingham Boulevard Electric Vehicle Fast Charger Station			
Imported From:			\\facilitysite documents\media123492\2016_12_09_EHMP_801_Dillingham_EV_FC_Station.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 3, 2003			
Document No:			30101			
Type:			Review Letter			
Title:			1st Quarter Monitoring Program Costco			
Imported From:			50543#\Heersharepoint1\facilitysite%20documents\50543.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 5, 2003			
Document No:			30116			
Type:			Review Letter			
Title:			2nd Response to Draft Ram Costco			
Imported From:			2003-144#Q:\2003 Final Correspondence (Day File)\03-144-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 2001			
Document No:			4743			
Type:			Removal Action Work Plan			
Title:			2nd Revised Work Plan, Removal Actions and Confirmation Activities Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			36860#\Heersharepoint1\facilitysite%20documents\36860.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 8, 2004			
Document No:			30103			
Type:			Review Letter			
Title:			2nd, 3rd Quarter and Annual Monitoring Report			
Imported From:			2004-006#Q:\2004 Final Correspondence (Day File)\04-006-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2004			
Document No:			4789			
Type:			Monitoring Report			
Title:			4th Quarter 2003 Groundwater Monitoring Program Status Report Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36892#\Heersharepoint1\facilitysite%20documents\36892.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 2, 2008			
Document No:			4652			
Type:			Review Letter			
Title:			4th Quarter Monitoring Report			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2008-255#Q:\2008 Final Correspondence (Day File)\08-255-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 20, 2003				
Document No:		30098				
Type:		Review Letter				
Title:		4th Quarter Monitoring Report Costco				
Imported From:		2003-058#Q:\2003 Final Correspondence (Day File)\03-058-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 24, 2001				
Document No:		4744				
Type:		Undetermined				
Title:		4th Work Plan Addendum Additional Site Characterization and Construction Contingencies Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI				
Imported From:		36861#\Heersharepoint1\facilitiesite%20documents\36861.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 24, 2001				
Document No:		4745				
Type:		Site Characterization Work Plan				
Title:		4th Work Plan Addendum Additional Site Characterization and Construction Contingencies Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI				
Imported From:		\facilitiesite documents\media36861\36861.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 20, 2019				
Document No:		171555				
Type:		Environmental Hazard Management Plan				
Title:		ADDENDUM 2 Revised Project Specific Construction Environmental Hazard Management Plan New Produce Cooler Construction/Installation Costco Iwilei Warehouse Site				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Dec 5, 2019				
Document No:		172298				
Type:		Environmental Hazard Management Plan				
Title:		ADDENDUM 2, REVISION 2 Revised Project Specific Construction Environmental Hazard Management Plan New Produce Cooler Construction/Installation Costco Iwilei Warehouse Site				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jul 27, 2001				
Document No:		4693				
Type:		Removal Action Work Plan				
Title:		Addendum to Jul 11, 2001 Work Plan Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI				
Imported From:		36867#\Heersharepoint1\facilitiesite%20documents\36867.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 22, 2002				
Document No:		4685				
Type:		Undetermined				
Title:		Addendum to the Updated Warehouse Site Remedial Investigation Report (dated 02-Aug-02) and a Response to HDOH Feb 20, 2002 Letter regarding the Costco Warehouse Site Remedial Investigation Report (dated 07-Jan-02)				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :		Aug 22, 2002				
Document No:		4686				
Type:		Remedial Investigation Report				
Title:		Addendum to the Updated Warehouse Site Remedial Investigation Report (dated 02-Aug-02) and a Response to HDOH Feb 20, 2002 Letter regarding the Costco Warehouse Site Remedial Investigation Report (dated 07-Jan-02)				
Imported From: \facilitsite documents\media36875\36875.pdf						
<u>iHEER System - Documents</u>						
Date :		Sep 17, 2001				
Document No:		4740				
Type:		Undetermined				
Title:		Addendum to Work Plan to Assess Extent of Petroleum Impact Encountered during Box Culvert Installation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI				
Imported From: 36868#\Heersharepoint1\facilitsite%20documents\36868.pdf						
<u>iHEER System - Documents</u>						
Date :		Dec 13, 2001				
Document No:		30123				
Type:		Undetermined				
Title:		Employer's Health and Safety Program (Health and Safety Procedures for Confined Space Entry into Culvert)				
Imported From: 36863#\Heersharepoint1\facilitsite%20documents\36863.pdf						
<u>iHEER System - Documents</u>						
Date :		Jul 2, 2001				
Document No:		30075				
Type:		Review Letter				
Title:		EPA Comments on COSTCO Draft Work Plan				
Imported From: 126012#\Heersharepoint1\facilitsite%20documents\126012.pdf						
<u>iHEER System - Documents</u>						
Date :		Nov 6, 2001				
Document No:		29905				
Type:		Undetermined				
Title:		Fifth Work Plan Addendum Remedial Action Alternatives Assessment and Selection Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI				
Imported From: 36859#\Heersharepoint1\facilitsite%20documents\36859.pdf						
<u>iHEER System - Documents</u>						
Date :		Jun 12, 2002				
Document No:		30109				
Type:		Undetermined				
Title:		Final Costco Warehouse Site Remedial Action Design, Construction and Implementation Work Plan, Costco Wholesale Corporation Development Property, Iwilei, Honolulu, Oahu HI				
Imported From: 126009#\Heersharepoint1\facilitsite%20documents\126009.pdf						
<u>iHEER System - Documents</u>						
Date :		May 19, 2003				
Document No:		171274				
Type:		Remedial Investigation Report				
Title:		Final Costco Warehouse Site Remedial Investigation Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :		Jan 7, 2003				
Document No:		4645				
Type:		Review Letter				
Title:		Final RA comments				
Imported From:		2003-007#Q:\2003 Final Correspondence (Day File)\03-007-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2002				
Document No:		4742				
Type:		Undetermined				
Title:		Final Report Costco Warehouse Store Human Health Risk Assessment, Oahu HI				
Imported From:		36879#\Heersharepoint1\facilitysite%20documents\36879.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 30, 2002				
Document No:		4737				
Type:		Undetermined				
Title:		Final Report Costco Warehouse Store Human Health Risk Assessment, Oahu HI				
Imported From:		36909#\Heersharepoint1\facilitysite%20documents\36909.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 1, 2001				
Document No:		4684				
Type:		Undetermined				
Title:		Final Report, Castle & Cooke 9.05 Acre Iwilei Parcel Human Health Risk Assessment, Oahu HI				
Imported From:		36876#\Heersharepoint1\facilitysite%20documents\36876.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 2, 2001				
Document No:		4732				
Type:		Undetermined				
Title:		Final Report, Castle & Cooke 9.05 Acre Iwilei Parcel Human Health Risk Assessment, Oahu HI				
Imported From:		36852.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 30, 2001				
Document No:		4731				
Type:		Undetermined				
Title:		First Revised Work Plan, Removal Actions and Confirmation Activities Costco Wholesale Corporation Development Property				
Imported From:		36851#\Heersharepoint1\facilitysite%20documents\36851.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 1, 2011				
Document No:		30091				
Type:		Undetermined				
Title:		Free Product Recovery Sump-3 Closure Report, Costco Iwilei Warehouse, 525 Alakawa St, Honolulu HI, Jun 1, 2011				
Imported From:		95270#\Heersharepoint1\facilitysite%20documents\95270.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2001			
Document No:			4735			
Type:			Undetermined			
Title:			Geophysical Survey and Anomaly Investigation Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			\\facilitysite documents\media36864\36864.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 12, 2001			
Document No:			4734			
Type:			Undetermined			
Title:			Geophysical Survey and Anomaly Investigation Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
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<u>iHEER System - Documents</u>						
Date :			Dec 11, 2002			
Document No:			30086			
Type:			Review Letter			
Title:			Groundwater Monitoring Report			
Imported From:			2002-312#Q:\2002 Final Correspondence (Day File)\02-312-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 11, 2008			
Document No:			17037			
Type:			Site Inspection Report			
Title:			Groundwater Monitoring Well and Product Recovery Sump Abandonment/Sealing Summary Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			\\facilitysite documents\media8032\Wheeler SI Report FINAL.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 11, 2008			
Document No:			4663			
Type:			Monitoring Report			
Title:			Groundwater Monitoring Well and Product Recovery Sump Abandonment/Sealing Summary Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36921#\Heersharepoint1\facilitysite%20documents\36921.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 11, 2018			
Document No:			171272			
Type:			Undetermined			
Title:			Groundwater Monitoring Well and Product Recovery Sump Abandonment/Sealing Summary Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			\\facilitysite documents\media8032\MRSPPs Combined.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 11, 2018			
Document No:			171273			
Type:			Undetermined			
Title:			Groundwater Monitoring Well and Product Recovery Sump Abandonment/Sealing Summary Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			\\facilitysite documents\media8032\Analytical Data.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Sep 19, 2001	
Document No:					4691	
Type:					Undetermined	
Title:					Addendum to Work Plan to Resume Box Culvert Installation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI	
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<u>iHEER System - Documents</u>						
Date :					Feb 22, 2011	
Document No:					30092	
Type:					Undetermined	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report for 2010, Costco Wholesale Iwilei Warehouse, 525 Alakawa St, Honolulu HI	
Imported From:					94504#\Heersharepoint1\facilitiesite%20documents\94504.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 22, 2011	
Document No:					4750	
Type:					Monitoring Report	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report for 2010, Costco Wholesale Iwilei Warehouse, 525 Alakawa St, Honolulu HI, Feb 22, 2011	
Imported From:					94505#\Heersharepoint1\facilitiesite%20documents\94505.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 30, 2003	
Document No:					30082	
Type:					Undetermined	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2002 through Jun 2003 Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI	
Imported From:					36894#\Heersharepoint1\facilitiesite%20documents\36894.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 30, 2003	
Document No:					30083	
Type:					Monitoring Report	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2002 through Jun 2003 Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI	
Imported From:					\facilitiesite documents\media36894\36894.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 17, 2004	
Document No:					30124	
Type:					Undetermined	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2003 through Jun 2004 Costco Warehouse Site, 525 Alakawa St, Iwilei	
Imported From:					2353#\Heersharepoint1\facilitiesite%20documents\2353.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 17, 2004	
Document No:					4753	
Type:					Monitoring Report	
Title:					Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2003 through Jun 2004 Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<u>iHEER System - Documents</u>						
Date :	Aug 17, 2005					
Document No:	30096					
Type:	Undetermined					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2004 through Jun 2005 Costco Warehouse and Gas Station, Alakawa St					
Imported From:		3065#\Heersharepoint1\facilitiesite%20documents\3065.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 17, 2005					
Document No:	4657					
Type:	Monitoring Report					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2004 through Jun 2005 Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI					
Imported From:		36904#\Heersharepoint1\facilitiesite%20documents\36904.pdf				
<u>iHEER System - Documents</u>						
Date :	Jan 16, 2008					
Document No:	4666					
Type:	Monitoring Report					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2006 through Jun 2007, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:		36916#\Heersharepoint1\facilitiesite%20documents\36916.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 21, 2008					
Document No:	4634					
Type:	Monitoring Report					
Title:	Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2007 through Jun 2008, Costco Warehouse & gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI					
Imported From:		36920#\Heersharepoint1\facilitiesite%20documents\36920.pdf				
<u>iHEER System - Documents</u>						
Date :	Aug 1, 2001					
Document No:	4650					
Type:	Undetermined					
Title:	Approval for Indicated Field Activities					
Imported From:		2001-254#Q:\2001 Final Correspondence (Day File)\01-254-GL.pdf				
<u>iHEER System - Documents</u>						
Date :	Jun 30, 2008					
Document No:	4622					
Type:	Review Letter					
Title:	Approval of 1st 1/4 2008 Monitoring Report					
Imported From:		2008-445#Q:\2008 Final Correspondence (Day File)\08-445-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 6, 2006					
Document No:	4668					
Type:	Review Letter					
Title:	Approval of 4th quarter 2005 Monitoring Report					
Imported From:		2006-064#Q:\2006 Final Correspondence (Day File)\06-064-MS.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 10, 2001
Document No: 4682
Type: Remedial Investigation Report
Title: Health and Safety Plan, Remedial Action and Investigation Selection Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI
Imported From: 36862#\Heersharepoint1\facilitiesite%20documents\36862.pdf

iHEER System - Documents

Date : Oct 30, 2001
Document No: 29923
Type: Undetermined
Title: Site photos
Imported From: \facilitiesite documents\media126014\Sept and Oct 2001\MOV00051.MPG

iHEER System - Documents

Date : Oct 30, 2001
Document No: 29970
Type: Undetermined
Title: Site photos
Imported From: \facilitiesite documents\media126014\Sept and Oct 2001\MOV01487.MPG

iHEER System - Documents

Date : Oct 30, 2001
Document No: 30012
Type: Undetermined
Title: Site photos
Imported From: \facilitiesite documents\media126014\Sept and Oct 2001\MOV00014.MPG

iHEER System - Documents

Date : Mar 19, 2007
Document No: 4694
Type: Review Letter
Title: Approval of 4th Quarter 2006 GW Monitoring Report
Imported From: 2007-181#Q:\2007 Final Correspondence (Day File)\07-181-MS.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 30097
Type: Concurrence Letter
Title: Approval of the RAAR for the Gas Station site
Imported From: 2006-033#Q:\2006 Final Correspondence (Day File)\06-033-MS.pdf

iHEER System - Documents

Date : Aug 30, 2002
Document No: 30125
Type: Undetermined
Title: Area C Wells Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 243#\Heersharepoint1\facilitiesite%20documents\243.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Aug 8, 2022				
Document No:		196557				
Type:		Cost Bill				
Title:		August 2022 Invoice VRP-11 Costco Iwilei				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		30019				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001\MOV00040.MPG				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		30056				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001\MOV01545.MPG				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		30066				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001\MOV00097.MPG				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		171195				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		29911				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\December 17-18, 2001.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		29959				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001\MOV01543.MPG				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2001				
Document No:		29987				
Type:		Undetermined				
Title:		Site photos				
Imported From:		\\facilitysite documents\media126014\Sept and Oct 2001\MOV00006.MPG				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 30, 2001
Document No: 30016
Type: Undetermined
Title: Site photos
Imported From: \facilitysite documents\media126014\Sept and Oct 2001\MOV00050.MPG

iHEER System - Documents

Date : Oct 30, 2001
Document No: 30020
Type: Undetermined
Title: Site photos
Imported From: \facilitysite documents\media126014\Sept and Oct 2001\MOV00039.MPG

iHEER System - Documents

Date : Oct 30, 2001
Document No: 30060
Type: Undetermined
Title: Site photos
Imported From: \facilitysite documents\media126014\Sept and Oct 2001\MOV01542.MPG

iHEER System - Documents

Date : Aug 6, 2001
Document No: 29909
Type: Undetermined
Title: Site photos
Imported From: \facilitysite documents\media126014\August 6, 2001.pdf

iHEER System - Documents

Date : Nov 9, 2020
Document No: 177566
Type: Undetermined
Title: SOIL & GROUNDWATER HANDLING AND DIPOSAL REPORT New Produce Cooler Construction Project Costco Iwilei Warehouse Site
Imported From:

iHEER System - Documents

Date : Aug 30, 2022
Document No: 196898
Type: Removal Action Report
Title: Soil Handling and Disposal Report ADA Upgrades and Bollard Installation Costco Iwilei Warehouse Site
Imported From:

iHEER System - Documents

Date : Dec 17, 2004
Document No: 4751
Type: Monitoring Report
Title: Subject: Costco Groundwater Monitoring Program, 2nd Quarter 2004 Status Report, Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI. Project No 03-1283
Imported From: 36898#\Heersharepoint1\facilitysite%20documents\36898.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 18, 2003
Document No: 4795
Type: Monitoring Report
Title: Subject: Costco Groundwater Monitoring Program, 4th Quarter 2002 Status Report, Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 36883#\Heersharepoint1\facilitiesite%20documents\36883.pdf

iHEER System - Documents

Date : Feb 21, 2001
Document No: 4675
Type: Site Characterization Report
Title: Subsurface Investigation Report, Costco Wholesale Warehouse and Gas Station, Iwilei, Oahu HI
Imported From: 36906.pdf

iHEER System - Documents

Date : Dec 6, 2005
Document No: 30107
Type: Undetermined
Title: Subsurface Investigation Report, Costco Wholesale Warehouse and Gas Station, Iwilei, Oahu HI
Imported From: 3422#\Heersharepoint1\facilitiesite%20documents\3422.pdf

iHEER System - Documents

Date : May 11, 2001
Document No: 30078
Type: Undetermined
Title: Supporting Documents for the COSTCO Voluntary Response Program Project
Imported From: 126829#\Heersharepoint1\facilitiesite%20documents\126829.pdf

iHEER System - Documents

Date : Oct 25, 2019
Document No: 171998
Type: Undetermined
Title: Temporary Project Shut-Down New Produce Cooler Construction Project Costco Iwilei Warehouse Site 525 Alakawa St., Honolulu, HI 96817
Imported From:

iHEER System - Documents

Date : Aug 21, 2003
Document No: 30094
Type: Undetermined
Title: Update on Costco
Imported From: 126020#\Heersharepoint1\facilitiesite%20documents\126020.pdf

iHEER System - Documents

Date : Aug 2, 2002
Document No: 4793
Type: Remedial Investigation Report
Title: Updated Warehouse Site Remedial Investigation Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI
Imported From: \facilitiesite documents\media36888\36888.pdf

iHEER System - Documents

Date : Aug 2, 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			4792			
Type:			Undetermined			
Title:			Updated Warehouse Site Remedial Investigation Report Costco Wholesale Corporation Development Property Iwilei, Honolulu HI			
Imported From:			36888#\Heersharepoint1\facilitiesite%20documents\36888.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2001			
Document No:			30079			
Type:			Undetermined			
Title:			Voluntary Response Program Agreement, Costco Wholesale Corporation (Iwilei)			
Imported From:			126004#\Heersharepoint1\facilitiesite%20documents\126004.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 1, 2001			
Document No:			8969			
Type:			Agreement			
Title:			VRP Agreement			
Imported From:			8677#\Heersharepoint1\facilitiesite%20documents\8677.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 1, 2005			
Document No:			4642			
Type:			Undetermined			
Title:			Billing for oversight			
Imported From:			2005-072#Q:\2005 Final Correspondence (Day File)\05-072-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 4, 2001			
Document No:			4754			
Type:			Undetermined			
Title:			Bunker C UST and Impacted Soil Removal Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI			
Imported From:			36857#\Heersharepoint1\facilitiesite%20documents\36857.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 12, 2019			
Document No:			170912			
Type:			Environmental Hazard Management Plan			
Title:			CEHMP for New Produce Cooler			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jan 1, 2002			
Document No:			4683			
Type:			Site Characterization Report			
Title:			Characterization of Samples Costco Site Report 3			
Imported From:			36877#\Heersharepoint1\facilitiesite%20documents\36877.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 4, 2019			
Document No:			171572			
Type:			Comment Letter			
Title:			Comments on Addendum 2 for Revised Project-Specific C-EHMP; dated September 20, 2019			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Dec 6, 2019
Document No: 172299
Type: Comment Letter
Title: Comments on ADDENDUM 2, REVISION 2 Revised Project Specific Construction Environmental Hazard Management Plan New Produce Cooler Construction/Installation Costco Iwilei Warehouse Site

Imported From:

iHEER System - Documents

Date : Aug 2, 2019
Document No: 170910
Type: Comment Letter
Title: Comments on CEHMP for New Produce Cooler

Imported From:

iHEER System - Documents

Date : Jan 22, 2020
Document No: 172751
Type: Comment Letter
Title: Comments on Letter Regarding On-Site Reuse of Imported Fill Material New Produce Cooler Construction Project; dated January 20, 2020

Imported From:

iHEER System - Documents

Date : Dec 18, 2006
Document No: 4621
Type: Review Letter
Title: Comments on Phase II for proposed Costco Warehouse - Kapolei
Imported From: 2006-800#Q:\2006 Final Correspondence (Day File)\06-800-RB.pdf

iHEER System - Documents

Date : Nov 21, 2019
Document No: 172071
Type: Comment Letter
Title: Comments on Revised Addendum 2 for Revised Project-Specific Construction Environmental Hazard Management Plan (C-EHMP) for New Produce Cooler Construction/Installation; dated October 18, 2019

Imported From:

iHEER System - Documents

Date : Aug 6, 2019
Document No: 170909
Type: Comment Letter
Title: Comments on Revised CEHMP for New Produce Cooler

Imported From:

iHEER System - Documents

Date : Aug 20, 2001
Document No: 4799
Type: Undetermined
Title: Completion of Bunker C-Impacted Soil Removal Activities, Costco Wholesale Corporation Development Property, Iwilei, Honolulu, Oahu HI
Imported From: 126003#\Heersharepoint1\facilitiesite%20documents\126003.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 13, 2003
Document No: 4748
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 1st Quarter 2003 Status Report Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 36884#\Heersharepoint1\facilitiesite%20documents\36884.pdf

iHEER System - Documents

Date : May 7, 2004
Document No: 4791
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 1st Quarter 2004 Status Report Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 36889#\Heersharepoint1\facilitiesite%20documents\36889.pdf

iHEER System - Documents

Date : Jul 15, 2005
Document No: 4739
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 1st Quarter 2005 Status Report Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI
Imported From: 36902#\Heersharepoint1\facilitiesite%20documents\36902.pdf

iHEER System - Documents

Date : Dec 29, 2003
Document No: 4741
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 2nd Quarter 2003 Status Report Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 36895#\Heersharepoint1\facilitiesite%20documents\36895.pdf

iHEER System - Documents

Date : Jul 18, 2005
Document No: 4672
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 2nd Quarter 2005 Status Report Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI
Imported From: 36903#\Heersharepoint1\facilitiesite%20documents\36903.pdf

iHEER System - Documents

Date : Dec 31, 2003
Document No: 4790
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 3rd Quarter 2003 Status Report Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu HI
Imported From: 36891#\Heersharepoint1\facilitiesite%20documents\36891.pdf

iHEER System - Documents

Date : Jan 10, 2005
Document No: 4749
Type: Monitoring Report
Title: Costco Groundwater Monitoring Program 3rd Quarter 2004 Status Report Costco Warehouse and Gas Station,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:					Alakawa St, Iwilei, Honolulu HI 36900#\Heersharepoint1\facilitysite%20documents\36900.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 31, 2005	
Document No:					4674	
Type:					Monitoring Report	
Title:					Costco Groundwater Monitoring Program 3rd Quarter 2005 Status Report Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI	
Imported From:					36905#\Heersharepoint1\facilitysite%20documents\36905.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 28, 2005	
Document No:					30104	
Type:					Monitoring Report	
Title:					Costco Groundwater Monitoring Program 4th Quarter 2004 Status Report Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI	
Imported From:					36901#\Heersharepoint1\facilitysite%20documents\36901.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 30, 2001	
Document No:					4629	
Type:					Undetermined	
Title:					VRP approval Iwilei site	
Imported From:					49766#\Heersharepoint1\facilitysite%20documents\49766.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 7, 2001	
Document No:					4679	
Type:					Undetermined	
Title:					Well Abandonment Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI	
Imported From:					36866#\Heersharepoint1\facilitysite%20documents\36866.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 7, 2001	
Document No:					4680	
Type:					Undetermined	
Title:					Well Abandonment Report Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI	
Imported From:					\facilitysite documents\media36866\36866.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 9, 2002	
Document No:					30095	
Type:					Undetermined	
Title:					Well MW-32 Upgrade, Costco Warehouse Site, 525 Alakawa St, Iwilei, Honolulu, Oahu HI	
Imported From:					126011#\Heersharepoint1\facilitysite%20documents\126011.pdf	
<u>iHEER System - Documents</u>						
Date :					Jul 11, 2001	
Document No:					4667	
Type:					Remedial Investigation Work Plan	
Title:					Work Plan, Remedial Action Investigation Costco Wholesale Corporation Development Property, Iwilei, Honolulu HI	
Imported From:					36865#\Heersharepoint1\facilitysite%20documents\36865.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Jan 27, 2006			
Document No:			4669			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program 4th Quarter 2005 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36908#\Heersharepoint1\facilitsite%20documents\36908.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 8, 2007			
Document No:			4673			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program 4th Quarter 2006 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36911#\Heersharepoint1\facilitsite%20documents\36911.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 21, 2008			
Document No:			4681			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program 4th Quarter 2007 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36917#\Heersharepoint1\facilitsite%20documents\36917.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 15, 2001			
Document No:			171194			
Type:			Undetermined			
Title:			Historical Investigation Figures			
Imported From:			\facilitsite documents\media126015\Historical Investigation Figures-Combined.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 27, 2008			
Document No:			4651			
Type:			Undetermined			
Title:			Letter of Completion, Costco Iwilei Warehouse and Gas Station, Alakawa St, Honolulu HI			
Imported From:			2008-226#Q:\2008 Final Correspondence (Day File)\08-226-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 20, 2008			
Document No:			4655			
Type:			No Further Action Determination w/ ICs Letter			
Title:			LOC for Costco Warehouse and Gas Station Iwilei			
Imported From:			2008-225#Q:\2008 Final Correspondence (Day File)\08-225-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 10, 2001			
Document No:			30081			
Type:			Undetermined			
Title:			Meeting minutes and Fact Sheet			
Imported From:			126013#\Heersharepoint1\facilitsite%20documents\126013.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 20, 2006
Document No: 4690
Type: Undetermined
Title: Memo requesting signature of Draft RAM for Costco
Imported From: 2006-366#Q:\2006 Final Correspondence (Day File)\06-366-MS (2).pdf

iHEER System - Documents

Date : May 25, 2001
Document No: 4733
Type: Undetermined
Title: Mitigation and Risk Management Plan Costco Wholesale Corporation Voluntary Response Program Draft
Imported From: 36853#\Heersharepoint1\facilitiesite%20documents\36853.pdf

iHEER System - Documents

Date : Aug 9, 2001
Document No: 30113
Type: Undetermined
Title: New Designation of Key Contact for Costco Wholesale Corporation, Voluntary Response Program Agreement between the State of Hawaii, Department of
Imported From: 825#\Heersharepoint1\facilitiesite%20documents\825.pdf

iHEER System - Documents

Date : Aug 17, 2006
Document No: 9672
Type: Undetermined
Title: Notice of Availability for Public Comment
Imported From: 5201#\Heersharepoint1\facilitiesite%20documents\5201.pdf

iHEER System - Documents

Date : Oct 10, 2001
Document No: 30118
Type: Undetermined
Title: Notice of Federal Interest under the Oil Pollution Act of 1990 for the Costco Site In Honolulu Hawaii
Imported From: 126007#\Heersharepoint1\facilitiesite%20documents\126007.pdf

iHEER System - Documents

Date : Oct 9, 2001
Document No: 30076
Type: Undetermined
Title: Notice of Federal Interest under the Oil Pollution Act of 1990 for the Costco Site in Honolulu Hawaii
Imported From: 126006#\Heersharepoint1\facilitiesite%20documents\126006.pdf

iHEER System - Documents

Date : Jul 23, 2008
Document No: 14016
Type: Letter of Completion
Title: Notice of Letter of Completion, Costco Warehouse Site, TMK 1-5-012-017, Costco Gas Station, TMK 1-5-015-002, Reciprocal Easement Property, TMK 1-5-012-010 (por), 1-5-012-015 (por)
Imported From: 7899.pdf

iHEER System - Documents

Date : Nov 16, 2001
Document No: 4636

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:			Undetermined			
Title:			On-site Environmental Management Issues and the Department of Health's Concern on Potential Pathway of Petroleum Contamination adjacent to the Former Bunker C UST			
Imported From:			2001-374#Q:\2001 Final Correspondence (Day File)\01-374-GL.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2020			
Document No:			172750			
Type:			Undetermined			
Title:			On-Site Reuse of Imported Fill Material New Produce Cooler Construction Project Costco Iwilei Warehouse Site			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Feb 14, 2002			
Document No:			30122			
Type:			Undetermined			
Title:			Petroleum-Contaminated Soil (PCS) Encountered During construction Hawaiian Electric Company (HECO) Electric Ducline Project Alakawa St, Iwilei			
Imported From:			911#\Heersharepoint1\facilitiesite%20documents\911.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 21, 2001			
Document No:			4646			
Type:			Phase II Environmental Site Assessment			
Title:			Phase II Environmental Site Investigation, Proposed Costco Store Site, Castle & Cooke Properties Inc, Honolulu HI, TMK 1-1-5-012-017 & 1-1-5-012-005 (por)			
Imported From:			36850.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 31, 2001			
Document No:			4670			
Type:			Preliminary Assessment Report			
Title:			Preliminary Human Health Risk Assessment Southwest Corner of the Proposed Costco Property, Oahu HI			
Imported From:			36912.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 26, 2001			
Document No:			171275			
Type:			Undetermined			
Title:			Project Documents for Costco Remedial Investigation Oversight Iwilei Construction Site			
Imported From:			\facilitiesite documents\media36856\Photos.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2022			
Document No:			183953			
Type:			CEHMP			
Title:			Project-Specific Construction EHMP Pursuant to LOC dated 3/27/2008 Protective Traffic Bollard Installation and ADA Upgrades Costco Iwilei Warehouse Site 525 Alakawa St., Honolulu, Hawaii 96817			
Imported From:						
<u>iHEER System - Locations Details</u>						
Locations ID:			859			
Location Type:			SC			
Description:			Costco Iwilei			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comment :		Google Earth				
Centroid:		POINT (-157.870674 21.318063999999989)				
Geometry:						
		POINT (-157.870674 21.318063999999989)				

iHEER System - Locations Details

Locations ID:	4370
Location Type:	EHMP
Description:	EHMP Costco Iwilei
Comment :	
Centroid:	POINT (-157.87080726343788 21.318370111801844)
Geometry:	

POLYGON ((-157.87206204317516 21.319509481177686, -157.87142367742717 21.319189652514478, -157.87047953985282 21.319484494587822, -157.86891312978588 21.318544995749093, -157.86936910531765 21.318170194002182, -157.86987872503116 21.31819018345255, -157.86957831762032 21.317725428021756, -157.87024886987922 21.31716072320642, -157.87119300745357 21.317390603304641, -157.87163288972985 21.317200702379289, -157.87234635733057 21.318779871022436, -157.87206204317516 21.319509481177686))

Site Details

Centroid:	POINT (-157.870674 21.318063999999989)
Updated On:	9/6/2019 7:58:16 AM
Coordinates:	21.318063999999989,-157.870674

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Costco Warehouse 687

iHEER System - Aliases

Name: 525 Alakawa

iHEER System - Aliases

Name: VRP-11, Voluntary Response Program 11

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
285	1 of 2	NW	0.92 / 4,857.39	3.28 / 0	IES Honolulu Transportation Terminal 933 N Nimitz Hwy Honolulu HI 96817	SHWS

iHEER ID (Public iHEER): 925
Site Name (Public iHEER): IES Honolulu Transportation Terminal
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Chevron Transportation Terminal, Chevron Honolulu Transportation Terminal, Honolulu Harbor, Honolulu Harbor Iwilei Unit, IES Honolulu Transportation Terminal
Street (Public iHEER): 933 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/17/2021 3:29:34 PM
Ms Access ID (Public iHEER): 139
Suppl Loc (Public iHEER): 933 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115035009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 925
Site Name (PORTAL): IES Honolulu Transportation Terminal
Loc Desc (PORTAL): 933 N Nimitz Hwy
Address (PORTAL): 933 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/925/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jan 12, 2016
Document No: 5943
Type: Monitoring Report
Title: Annual Groundwater Monitoring Report Chevron Honolulu Terminal Transportation
Imported From: 118498#\Heersharepoint1\facilitysite%20documents\118498.pdf

iHEER System - Documents

Date : Dec 19, 2014
Document No: 5974
Type: Monitoring Report
Title: Annual Groundwater Monitoring Report, Chevron Honolulu Transportation Terminal, 933 N Nimitz Hwy, Honolulu HI
Imported From: \facilitysite documents\media112749\14HON-081_Final-Complete.pdf

iHEER System - Documents

Date : Dec 26, 2012
Document No: 25799
Type: Monitoring Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Title:		Annual Groundwater Monitoring Results Chevron Honolulu Terminal Transportaion 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885 URS Project No 26537583				
Imported From:		\\facilysite documents\media101795\12HON-054 Final.pdf				
 <u>iHEER System - Documents</u>						
Date :		May 6, 2005				
Document No:		25782				
Type:		Monitoring Report				
Title:		Annual Groundwater Monitoring Results Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885				
Imported From:		36658#\Heersharepoint1\facilysite%20documents\Annual Groundwater Monitoring Results May 6, 2005-Complete.pdf				
 <u>iHEER System - Documents</u>						
Date :		Feb 3, 2012				
Document No:		25795				
Type:		Monitoring Report				
Title:		Annual Groundwater Monitoring Results Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885				
Imported From:		\\facilysite documents\media97808\11HON-048-Complete.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jan 14, 2014				
Document No:		5941				
Type:		Monitoring Report				
Title:		Annual Groundwater Monitoring Results Chevron Honolulu Transportation Terminal, 933 N Nimitz Hwy, Honolulu HI				
Imported From:		108643#\Heersharepoint1\facilysite%20documents\108643.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 28, 2006				
Document No:		25785				
Type:		Monitoring Report				
Title:		Annual groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI				
Imported From:		36659#\Heersharepoint1\facilysite%20documents\Annual Groundwater Monitoring Results Aug, 28, 2006-Complete.pdf				
 <u>iHEER System - Documents</u>						
Date :		Oct 25, 2010				
Document No:		29432				
Type:		Monitoring Report				
Title:		Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI				
Imported From:		93194#\Heersharepoint1\facilysite%20documents\93194.pdf				
 <u>iHEER System - Documents</u>						
Date :		Aug 21, 2007				
Document No:		25744				
Type:		Monitoring Report				
Title:		Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI				
Imported From:		36660#\Heersharepoint1\facilysite%20documents\Annual Groundwater Monitoring Results Aug 21, 2007-Complete.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2008			
Document No:			25792			
Type:			Monitoring Report			
Title:			Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI			
Imported From:			36661#\Heersharepoint1\facilitsite%20documents\Annual Groundwater Monitoring Results Aug, 1, 2008 - Complete.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 19, 2009			
Document No:			25742			
Type:			Monitoring Report			
Title:			Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI, Chevron Facility No 1001885, Nov 19, 2009			
Imported From:			61686#\Heersharepoint1\facilitsite%20documents\Annual Groundwater Monitoring Results Nov 19, 2009- Complete.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 22, 2008			
Document No:			5945			
Type:			Review Letter			
Title:			Annual GW Report for Honolulu Terminal Transportation			
Imported From:			54154#\Heersharepoint1\facilitsite%20documents\54154.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 22, 2011			
Document No:			25784			
Type:			Undetermined			
Title:			Chevron Honolulu Terminal Transportation			
Imported From:			96069#\Heersharepoint1\facilitsite%20documents\96069.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 4, 2002			
Document No:			25802			
Type:			Undetermined			
Title:			Document Transmittal 1/4/2002			
Imported From:			428#\Heersharepoint1\facilitsite%20documents\428.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 14, 2017			
Document No:			5944			
Type:			Undetermined			
Title:			Documents regarding Property Transfer from Chevron to DOT and status of Remediation			
Imported From:			119645#\Heersharepoint1\facilitsite%20documents\119645.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 28, 2016			
Document No:			5969			
Type:			Monitoring Report			
Title:			Final Annual Groundwater Monitoring, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu Hawaii			
Imported From:			\facilitsite documents\media122992\Sept2016Report-Complete.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Dec 21, 2009			
Document No:			25790			
Type:			Comment Letter			
Title:			HDOH comments on "Annual Groundwater Monitoring Results" Report, Nov 19, 2009, prepared by URS Corporation			
Imported From:			2009-843#Q:\2009 Final Correspondence (Day File)\09-843-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 2013			
Document No:			5963			
Type:			Request for Information			
Title:			HEER Request for Information Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI, Your File No 2013-452 JN			
Imported From:			107086#\Heersharepoint1\facilitiesite%20documents\107086.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 22, 2013			
Document No:			5940			
Type:			Request for Information			
Title:			HEER Request for Information for Chevron Honolulu Terminal Transportation 930 N Nimitz Hwy, Honolulu HI, 2013-452 JN			
Imported From:			107497#\Heersharepoint1\facilitiesite%20documents\107497.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 22, 2013			
Document No:			5952			
Type:			Request for Information			
Title:			HEER Request for Information for Chevron Honolulu Terminal Transportation 930 N Nimitz Hwy, Honolulu HI, File 2013-452 JN			
Imported From:			\facilitiesite documents\media107498\HEER Request for Info for Chevron Hon Terminal Transportation 930 N Nimitz Hwy, Hon, HI, File 2013-452 JN-Combined.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 5, 2015			
Document No:			25746			
Type:			Request for Information			
Title:			HEER Request for Information for Chevron Honolulu Terminal Transportation, 930 N Nimitz Hwy, Honolulu HI, Your File No 2013-452 JN			
Imported From:			\facilitiesite documents\media113578\HEER Request for Info, Chevron Hon Terminal Transportation, 930 N Nimitz Hwy, Hon, HI, File No 2013-452 JN-Combined.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 11, 2011			
Document No:			25801			
Type:			Undetermined			
Title:			Honolulu (HMT), HI, RCRA Contingency Plan			
Imported From:			94410#\Heersharepoint1\facilitiesite%20documents\94410.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 19, 2020			
Document No:			173304			
Type:			Undetermined			
Title:			June 2018 IES Response to HDOH COmments on March and August 2016 GWM Reports for HTM.pdf; IES_HTM_GWM_Report_April2017_Final_2017.pdf; IES-HTM_GWMRpt_Final_Sept2017.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Oct 30, 2000
Document No: 25803
Type: Monitoring Report
Title: Letter Report Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI
Imported From: 36648#\Heersharepoint1\facilitysite%20documents\36648.pdf

iHEER System - Documents

Date : Oct 30, 2001
Document No: 5964
Type: Monitoring Report
Title: Letter Report Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885
Imported From: 36649#\Heersharepoint1\facilitysite%20documents\36649.pdf

iHEER System - Documents

Date : Feb 10, 1999
Document No: 25781
Type: Monitoring Report
Title: Letter Report Emergency Sampling Services at Chevron Honolulu Transportation Terminal Facility Number 61001885
Imported From: 36647#\Heersharepoint1\facilitysite%20documents\Letter Rpt Emergency Sampling Services at Chevron Hon Transportation Terminal Facility Number 61001885, Feb 10, 1999-Complete.pdf

iHEER System - Documents

Date : Oct 30, 2002
Document No: 5950
Type: Monitoring Report
Title: Letter Report Semi-Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885
Imported From: 36652#\Heersharepoint1\facilitysite%20documents\36652.pdf

iHEER System - Documents

Date : Mar 28, 2002
Document No: 5968
Type: Monitoring Report
Title: Letter Report Semi-Annual Groundwater Monitoring Results at Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885
Imported From: 36651#\Heersharepoint1\facilitysite%20documents\36651.pdf

iHEER System - Documents

Date : Mar 14, 2017
Document No: 173305
Type: Undetermined
Title: March_14 Status_meeting Notes-CH2M
Imported From:

iHEER System - Documents

Date : May 14, 2018
Document No: 173306
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Outstanding Deliverables And Responses to Comments for Several Documents				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Aug 28, 2013				
Document No:		5948				
Type:		Request for Information				
Title:		Request for Information for Chevron Honolulu Transportation Terminal				
Imported From:		2013-452#Q:\2013 Final Correspondence (Day File)\13-452-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 1, 2011				
Document No:		25789				
Type:		Review Letter				
Title:		Review of "Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, ", Oct 22, 2010 by URS Corporation				
Imported From:		2011-193#Q:\2011 Final Correspondence (Day File)\11-193-KO.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 30, 2014				
Document No:		5972				
Type:		Review Letter				
Title:		Review of "Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu Hawaii Chevron Facility No 1001885", Dec 19, 2014, by URS Corporation				
Imported From:		2014-644#Q:\2014 Final Correspondence (Day File)\14-644-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 11, 2013				
Document No:		25741				
Type:		Review Letter				
Title:		Review of "Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885", Dec 26, 2012, by URS Corporation				
Imported From:		2013-019#Q:\2013 Final Correspondence (Day File)\13-019-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 27, 2014				
Document No:		5965				
Type:		Review Letter				
Title:		Review of "Annual Groundwater Monitoring Results, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885", Jan 14, 2014, by URS Corporation				
Imported From:		2014-036#Q:\2014 Final Correspondence (Day File)\14-036-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 7, 2016				
Document No:		5951				
Type:		Review Letter				
Title:		Review of: Annual Groundwater Monitoring Report Chevron Honolulu Terminal, Transportation, 933 N Nimitz Hwy, Honolulu Hawaii, dated Jan 12, 2016, by URS				
Imported From:		2016-074#Q:\2016 Final Correspondence (Day File)\16-074-IV.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 15, 2016				
Document No:		25791				
Type:		Review Letter				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Review of: Final Annual Groundwater Monitoring, Chevron Honolulu Terminal, Transportation, 933 N Nimitz Hwy, Honolulu Hawaii, dated Oct, 2016, by AECOM	
Imported From:					2016-547#Q:\2016 Final Correspondence (Day File)\16-547 IV.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 29, 2014	
Document No:					5949	
Type:					Review Letter	
Title:					Revised 2011 and 2012 Annual Groundwater Monitoring Reports, Chevron Honolulu Terminal Transportation, 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885", Jan 23, 2014, by URS Corporation	
Imported From:					2014-046#Q:\2014 Final Correspondence (Day File)\14-046-JQN.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 23, 2014	
Document No:					5946	
Type:					Monitoring Report	
Title:					Revised December 26, 2012 Annual Groundwater Monitoring Report, January 23, 2014	
Imported From:					108761#\Heersharepoint1\facilysite%20documents\Revised Dec 26, 2012 Annual Groundwater Monitoring Report Rev Jan 23, 2014-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 23, 2014	
Document No:					5939	
Type:					Monitoring Report	
Title:					Revised February 3, 2012 Annual Groundwater Monitoring Report, January 23, 2014	
Imported From:					108760#\Heersharepoint1\facilysite%20documents\ Revised Feb 3, 2012 Annual Groundwater Monitoring Report Rev Jan 23, 2014-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 15, 2004	
Document No:					25743	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885	
Imported From:					36657#\Heersharepoint1\facilysite%20documents\ Semi-Annual Groundwater Monitoring Results June 14, 2004 - Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Jun 6, 2003	
Document No:					25787	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Results Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility No 1001885	
Imported From:					\facilysite documents\media36653\Semi-Annual Groundwater Monitoring Results June 6, 2003-Complete.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 24, 2003	
Document No:					5967	
Type:					Monitoring Report	
Title:					Semi-Annual Groundwater Monitoring Results for Chevron Honolulu Terminal Transportation 933 N Nimitz Hwy, Honolulu HI Chevron Facility Number 1001885	
Imported From:					\facilysite documents\media36656\Semi-Annual Groundwater Monitoring Results Nov 24, 2003-Complete.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Dec 1, 2006				
Document No:		25800				
Type:		Undetermined				
Title:		State Site Discovery Effort				
Imported From:		2006-712#Q:\2006 Final Correspondence (Day File)\06-712-AF.pdf				

iHEER System - Locations Details

Locations ID: 818
Location Type: SC
Description:
Comment : Primary; Loaura located the site on Google Earth. The release was from a loading rack, so these coordinates on the property are more accurate than set 1, which plotted in the street.; XTRA_ADD: Primary LOCATION_1: Loaura located the site on Google Earth.
Centroid: POINT (-157.875172 21.31516500000015)
Geometry:

POINT (-157.875172 21.31516500000015)

iHEER System - Locations Details

Locations ID: 3266
Location Type: SB
Description:
Comment :
Centroid: POINT (-157.875137976523 21.315362027987522)
Geometry:

POLYGON ((-157.87546704299461 21.314947610099473, -157.87509421593882 21.314852658087702, -157.87483135945436 21.315194984788558, -157.87471870667528 21.315374893391756, -157.87469456679662 21.3155098246999, -157.87476966864932 21.315664745678248, -157.87495474107334 21.315982083300774, -157.87513713128064 21.31590962043877, -157.87528465277836 21.315662246953604, -157.87551532275197 21.315304928961694, -157.87570844179919 21.314995086082313, -157.87546704299461 21.314947610099473))

Site Details

Centroid: POINT (-157.875172 21.31516500000015)
Updated On: 11/17/2021 3:29:34 PM
Coordinates: 21.31516500000015,-157.875172

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Chervon Transportation Terminal

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: IES Honolulu Transportation Terminal

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu Harbor Iwilei Unit				
<u>iHEER System - Aliases</u>						
Name:		Chevron Honolulu Transportation Terminal				

285	2 of 2	NW	0.92 / 4,857.39	3.28 / 0	DOT-A Parcel at Honolulu Harbor (34-A Lot) 933 N Nimitz Hwy Honolulu HI	SHWS
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iHEER ID (Public iHEER): 929
Site Name (Public iHEER): DOT-A Parcel at Honolulu Harbor (34-A Lot)
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Medium Priority Site, Chevron Honolulu Transportation Terminal
Street (Public iHEER): 933 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 12:39:19 PM
Ms Access ID (Public iHEER): 3230
Suppl Loc (Public iHEER): 933 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115035010
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 929
Site Name (PORTAL): DOT-A Parcel at Honolulu Harbor (34-A Lot)
Loc Desc (PORTAL): 933 N Nimitz Hwy
Address (PORTAL): 933 N Nimitz Hwy
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): FURTHER ASSESSMENT NEEDED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer/#/site/929/details/view
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Mar 1, 1999
Document No: 168862
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, TMK 1-1-5-035-010
Imported From: 136861#\Heersharepoint1\facilitiesite%20documents\136861.pdf

iHEER System - Documents

Date : Mar 1, 1999
Document No: 168863
Type: Undetermined
Title: Phase I ESA, TMK 1-1-5-035-010
Imported From: \facilitiesite documents\media136861\Corresp_regardingDOT_Parcel_34A_lot.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 2258
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.875601 21.315699999999993)
Geometry:

POINT (-157.875601 21.315699999999993)

iHEER System - Locations Details

Locations ID: 3276
Location Type: SB
Description: 34 A -Parcel
Comment :
Centroid: POINT (-157.87576972335461 21.315584706937607)
Geometry:

POLYGON ((-157.87538239996459 21.316828169342514, -157.87525365393012 21.316768200426143, -157.87512490789561 21.316288448213463, -157.87503907721194 21.316098545862634, -157.876058316639 21.314449383543515, -157.87646601240445 21.314699257812993, -157.87653038542615 21.314999106374788, -157.87538239996459 21.316828169342514))

Site Details

Centroid: POINT (-157.875601 21.315699999999993)
Updated On: 9/21/2021 12:39:19 PM
Coordinates: 21.315699999999993,-157.875601

iHEER System - Aliases

Name: Brownfields Medium Priority Site

iHEER System - Aliases

Name: Chevron Honolulu Transportation Terminal

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

286	1 of 1	ESE	0.93 / 4,895.79	3.28 / 0	Pacifica Condominiums 1009 Kapiolani Blvd Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 504
Site Name (Public iHEER): Pacifica Condominiums
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 1009 Kapiolani Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		1946				
Suppl Loc (Public iHEER):		1009 Kapiolani Blvd				
Tax Map Keys (Public iHEER):		123003105				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		504				
Site Name (PORTAL):		Pacifica Condominiums				
Loc Desc (PORTAL):		1009 Kapiolani Blvd				
Address (PORTAL):		1009 Kapiolani Blvd Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Paul Chong				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/504/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 7, 2011
Document No: 201256
Type: No Further Action Determination Letter
Title: No Further Action Determination from Solid and Hazardous Waste Branch UST Section
Imported From:

iHEER System - Documents

Date : Oct 26, 2010
Document No: 138697
Type: Undetermined
Title: Subsurface Soil Assessment Report, 1009 Kapiolani Blvd (TMK 1-2-3-003-105), Honolulu HI, Oct 11, 2010
Imported From: 93212#\Heersharepoint1\facilitysite%20documents\93212.pdf

iHEER System - Documents

Date : Jul 19, 2011
Document No: 138699
Type: No Further Action Determination Letter
Title: Subsurface Soil Assessment Report, Honolulu HI, Oct 28, 2010
Imported From: 2011-399#Q:\2011 Final Correspondence (Day File)\11-399-PC.pdf

iHEER System - Documents

Date : Oct 26, 2010
Document No: 138698
Type: Undetermined
Title: Transmittal of Subsurface Soil Assessment Report
Imported From: 93209#\Heersharepoint1\facilitysite%20documents\93209.pdf

iHEER System - Documents

Date : Sep 2, 2011
Document No: 201257
Type: Removal Action Report
Title: Underground Storage Tank Closure and Release Response Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Locations Details

Locations ID: 1429
Location Type: SC
Description:
Comment : Google Maps; eric.sadoyama;
Centroid: POINT (-157.851 21.2967)
Geometry:
 POINT (-157.851 21.2967)

Site Details

Centroid: POINT (-157.851 21.2967)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.2967,-157.851

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

287	1 of 1	SE	0.93 / 4,898.14	3.28 / 0	ARTSPACE 1025 Waimanu St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 258
Site Name (Public iHEER): ARTSPACE
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields, Construction EHMP
Street (Public iHEER): 1025 Waimanu St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2241
Suppl Loc (Public iHEER): 1025 Waimanu St
Tax Map Keys (Public iHEER): 123003040
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 258
Site Name (PORTAL): ARTSPACE
Loc Desc (PORTAL): 1025 Waimanu St
Address (PORTAL): 1025 Waimanu St
 Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): https://eha-cloud.doh.hawaii.gov/iheer/#!/site/258/details/view
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jun 20, 2017
Document No: 182886
Type: Undetermined
Title: Agreement for Remedial Action
Imported From:

iHEER System - Documents

Date : Oct 18, 2017
Document No: 147845
Type: Undetermined
Title: Approval of the Proposed revision of the C-EHMP for Artspace
Imported From: 2017-285#Q:\2017 Final Correspondence (Day File)\17-285 MGC.pdf

iHEER System - Documents

Date : Jun 24, 2014
Document No: 147844
Type: Undetermined
Title: Concurrence with Revised Construction EHMP, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, May 29, 2014
Imported From: 2014-309#Q:\2014 Final Correspondence (Day File)\14-309-LMB.pdf

iHEER System - Documents

Date : Jun 24, 2014
Document No: 147841
Type: Undetermined
Title: Concurrence with Revised EHE, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, May 29, 2014
Imported From: 2014-308#Q:\2014 Final Correspondence (Day File)\14-308-LMB.pdf

iHEER System - Documents

Date : Jun 24, 2014
Document No: 147843
Type: Undetermined
Title: Concurrence with Revised Phase II Environmental Investigation, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, May 29, 2014
Imported From: 2014-307#Q:\2014 Final Correspondence (Day File)\14-307-LMB.pdf

iHEER System - Documents

Date : Jan 20, 2014
Document No: 147826
Type: CEHMP
Title: Construction EHMP, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI
Imported From: 108698.pdf

iHEER System - Documents

Date : Jun 17, 2013
Document No: 147830
Type: Undetermined
Title: Cover Letter of Reports for the Commercial Property located at 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu HI
Imported From: 105366.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : May 30, 2014
Document No: 147839
Type: Undetermined
Title: Cover Letter RTC on Various Environmental Reports for the Commercial Property located at 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI
Imported From: 110105.pdf

iHEER System - Documents

Date : Apr 19, 2013
Document No: 147833
Type: Environmental Hazard Evaluation Report
Title: EHE, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu HI
Imported From: 105368.pdf

iHEER System - Documents

Date : Jan 20, 2014
Document No: 147834
Type: Environmental Hazard Evaluation Report
Title: EHE, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI
Imported From: 108697.pdf

iHEER System - Documents

Date : Apr 19, 2013
Document No: 147835
Type: Environmental Hazard Management Plan
Title: EHMP 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu HI
Imported From: 105369.pdf

iHEER System - Documents

Date : May 1, 2020
Document No: 175480
Type: Environmental Hazard Management Plan
Title: Environmental Hazard Management Plan
Imported From:

iHEER System - Documents

Date : Jun 4, 2020
Document No: 175479
Type: Undetermined
Title: Environmental Hazard Management Plan - Cover letter
Imported From:

iHEER System - Documents

Date : Jun 1, 2020
Document No: 182888
Type: Undetermined
Title: Final EHMP
Imported From:

iHEER System - Documents

Date : Aug 6, 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:		176271				
Type:		No Further Action Determination w/ ICs Letter				
Title:		No Further Action Determination with Engineering and Institutional Controls for Artspace Based on the Final Environmental Hazard Management Plan dated June 2020				
Imported From:		No Further Action Letter with IC's Artspace.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 2012				
Document No:		182887				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Environmental Investigation				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jun 17, 2013				
Document No:		147836				
Type:		Phase II Environmental Site Assessment				
Title:		Phase II Environmental Investigation. 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu HI, Sep 21, 2012				
Imported From:		105367.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 24, 2014				
Document No:		147848				
Type:		Review Letter				
Title:		Review of EHE, 1025 Waimanu St, Jan 20, 2014, and Construction EHMP, 1025 Waimanu St, Jan 20, 2014				
Imported From:		14-173-LMB.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2013				
Document No:		147831				
Type:		Review Letter				
Title:		Review of EHE, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, Apr 19, 2013				
Imported From:		13-355-LMB.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2013				
Document No:		147827				
Type:		Review Letter				
Title:		Review of EHMP, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, Apr 19, 2013				
Imported From:		13-356-LMB.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2013				
Document No:		147837				
Type:		Review Letter				
Title:		Review of Phase II Environmental Investigation, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, Sep 21, 2012				
Imported From:		13-354-LMB.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 16, 2017				
Document No:		147838				
Type:		Review Letter				
Title:		Review of Site Investigation Work Plan, Ola Ka Ilima Artspace Lofts Project Site, 1025 Waimanu St, Honolulu				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		Hawaii, TMK 1-2-3-003-040, received May 3, 2017 17-185-lmb.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 8, 2013				
Document No:		147842				
Type:		Review Letter				
Title:		Review of Soil and Groundwater Management Plan, 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu, Oahu HI, Apr 19, 2013				
Imported From:		13-357-LMB.pdf				
<u>iHEER System - Documents</u>						
Date :		May 29, 2014				
Document No:		147840				
Type:		CEHMP				
Title:		Revised Construction EHMP, 1025 Waimanu St, Honolulu, Oahu HI				
Imported From:		110108.pdf				
<u>iHEER System - Documents</u>						
Date :		May 29, 2014				
Document No:		147829				
Type:		Environmental Hazard Evaluation Report				
Title:		Revised EHE, 1025 Waimanu St, Honolulu, Oahu HI				
Imported From:		110106.pdf				
<u>iHEER System - Documents</u>						
Date :		May 29, 2014				
Document No:		147847				
Type:		Phase II Environmental Site Assessment				
Title:		Revised Phase II Environmental Investigation, 1025 Waimanu St, Honolulu, Oahu HI				
Imported From:		110109.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 31, 2017				
Document No:		147846				
Type:		Undetermined				
Title:		Site Investigation Work Plan Ola Ka Ilima Artspace Lofts Project Site 1025 Waimanu Street, Honolulu HI, TMK 1-2-3-003-040				
Imported From:		127997#\Heersharepoint1\facilitiesite%20documents\127997.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2017				
Document No:		147828				
Type:		Undetermined				
Title:		SITE Investigation Work Plan, Ola Ka Ilima Artspace Lofts Project Site, 1025 Waimanu St, Honolulu Hawaii, TMK 1-2-3-003-040				
Imported From:		127142#\Heersharepoint1\facilitiesite%20documents\127142.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 19, 2013				
Document No:		147832				
Type:		Undetermined				
Title:		Soil and Groundwater Management Plan 1025 Waimanu St, TMK 1-2-3-003-040, Honolulu HI				
Imported From:		105370#\Heersharepoint1\facilitiesite%20documents\105370.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 24, 2017
Document No: 181579
Type: Phase II Environmental Site Assessment
Title: Summary Letter-Site Investigation
Imported From:

iHEER System - Locations Details

Locations ID: 2715
Location Type: SC
Description: 1025 Waimanu Street
Comment : Google Earth
Centroid: POINT (-157.85167 21.296081999999988)
Geometry:

POINT (-157.85167 21.296081999999988)

iHEER System - Locations Details

Locations ID: 7103
Location Type: EHMP
Description: EHMP Artspace
Comment : Google Maps and Doc 175480
Centroid: POINT (-157.85169950831161 21.296085541420126)
Geometry:

POLYGON ((-157.85130790178576 21.296090885541123, -157.85160294477211 21.296443252167002, -157.85205623809611 21.296115876109646, -157.852088424607 21.29609588365533, -157.85179874603611 21.295721024627927, -157.85130790178576 21.296090885541123))

Site Details

Centroid: POINT (-157.85167 21.296081999999988)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.296081999999988,-157.85167

iHEER System - Aliases

Name: Brownfields

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

288	1 of 1	ENE	0.93 / 4,900.48	152.59 / 149	BATTERY PUNCHBOWL HONOLULU HI	FUDS
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FUDS Property No: H09HI0045
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=58351
FUDS INST ID: HI99799F378900

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Properties without projects				
SDS ID:						
NPL Status Code:						
Eligibility:		Eligible				
Site Eligib:						
Current Owner:		FED: FEDERAL DEPARTMENT OF VETERAN AFFAIRS				
Has Project:		No				
DOD FUDS Pro:		H09HI0045				
Project Required:		No				
No Further Action:						
Congressional District:		01				
Congressional Dist 117:		01				
Media ID:						
Metadata ID:						
Feature Desc:						
EPA Region:		09				
County:		HONOLULU				
Latitude:		21.31333333				
Longitude:		-157.85111111				
Fiscal year:		2021				
USACE Division:		POD				
USACE District:		Honolulu District (POH)				
Centroid Lat:						
Centroid Long:						
Se Anno Cad Data:						
Shape Length:						
Shape Area:						
Shape Len:						
X:		-157.851074219				
Y:		21.3134155270001				
Data Source:		U.S. Army Corps of Engineers Geospatial Open Data				
Property History:						

Feature Description:

THE SITE WAS TRANSFERRED TO THE STATE OF HAWAII THROUGH VARIOUS TIMES AND EEVENTUALLY TO THE DEPARTMENT OF VETERAN AFFAIRS.

289	1 of 1	ESE	0.94 / 4,942.47	3.28 / 0	HDC Properties Stained Soils 1015 Kapiolani Blvd Honolulu HI 96813	SHWS
iHEER ID (Public iHEER):		2000				
Site Name (Public iHEER):		HDC Properties Stained Soils				
Aliases (Public iHEER):		HDC Properties, Stained Soils				
Street (Public iHEER):		1015 Kapiolani Blvd				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96813				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Referred				
Lead Agency (Public iHEER):		SHWB				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		1/18/2020 8:05:50 PM				
Ms Access ID (Public iHEER):		366				
Suppl Loc (Public iHEER):		1015 Kapiolani Blvd				
Tax Map Keys (Public iHEER):		123003008, 123003102, 123003105				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2000				
Site Name (PORTAL):		HDC Properties Stained Soils				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Loc Desc (PORTAL):		1015 Kapiolani Blvd				
Address (PORTAL):		1015 Kapiolani Blvd Honolulu, HI 96813				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REFERRED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		SHWB				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2000/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Nov 7, 2011
Document No: 201258
Type: No Further Action Determination Letter
Title: Solid and Hazardous Waste Branch UST Section No Further Action Letter
Imported From:

iHEER System - Documents

Date : Sep 2, 2011
Document No: 201259
Type: Removal Action Report
Title: Underground Storage Tank Closure and Release Response Report Pacifica Honolulu Condominium Property 1009 Kapiolani Boulevard (Tax Map Key No: [1] 2-3-003: Parcel 105) Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Locations Details

Locations ID: 1658
Location Type: SC
Description: HDC Stained Soils
Comment : Google Earth
Centroid: POINT (-157.851374 21.296787000000002)
Geometry:

POINT (-157.851374 21.296787000000002)

Site Details

Centroid: POINT (-157.851374 21.296787000000002)
Updated On: 1/18/2020 8:05:50 PM
Coordinates: 21.296787000000002,-157.851374

iHEER System - Aliases

Name: HDC Properties, Stained Soils

290	1 of 1	N	0.94 / 4,989.15	16.49 / 13	710 North King Street 710 N King St Honolulu HI 96817	SHWS
iHEER ID (Public iHEER):	29					
Site Name (Public iHEER):	710 North King Street					
Aliases (Public iHEER):	Brownfields Low Priority Site, Construction EHMP					
Street (Public iHEER):	710 N King St					
City (Public iHEER):	Honolulu					
State (Public iHEER):	HI					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy In Place				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		11/17/2021 3:14:30 PM				
Ms Access ID (Public iHEER):		3292				
Suppl Loc (Public iHEER):		710 N King St				
Tax Map Keys (Public iHEER):		117031052				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		29				
Site Name (PORTAL):		710 North King Street				
Loc Desc (PORTAL):		710 N King St				
Address (PORTAL):		710 N King St Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY IN PLACE				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Lauren Cruz				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/29/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Mar 15, 2019
Document No: 168519
Type: CEHMP
Title: Pre-Construction Environmental Hazard Management Plan 710 North King St, Honolulu HI 96817
Imported From: 137197.pdf

iHEER System - Documents

Date : May 20, 2019
Document No: 168518
Type: Review Letter
Title: Review of: Draft Pre-Construction Environmental Hazard Management Plan, 710 North King Street, Honolulu, HI 96817 dated March 2019 by EnviroQuest Inc.
Imported From: 19-333 LC.pdf

iHEER System - Documents

Date : May 31, 2019
Document No: 173707
Type: CEHMP
Title: (Word) PRE-CONSTRUCTION ENVIRONMENTAL HAZARD MANAGEMENT PLAN 710 North King St. Honolulu, HI 96817
Imported From:

iHEER System - Documents

Date : Nov 1, 2020
Document No: 178928
Type: Environmental Hazard Management Plan
Title: Final EHMP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : May 29, 2019
Document No: 173706
Type: Response to Comments
Title: PRE-CONSTRUCTION ENVIRONMENTAL HAZARD MANAGEMENT PLAN 710 North King St. Honolulu, HI 96817

Imported From:

iHEER System - Locations Details

Locations ID: 2720
Location Type: EHMP
Description: EHMP 710 N King St
Comment : Google Earth
Centroid: POINT (-157.86577579460891 21.320605807238529)
Geometry:

POLYGON ((-157.86607597305087 21.320503796883791, -157.86600087119814 21.320388859316964, -157.86549929810781 21.320683698981863, -157.86549929810781 21.32073367174748, -157.86556367112959 21.320823622683214, -157.86607597305087 21.320503796883791))

iHEER System - Locations Details

Locations ID: 5235
Location Type: SC
Description: 710 North King Street
Comment : Google Earth
Centroid: POINT (-157.865782 21.320596999999992)
Geometry:

POINT (-157.865782 21.320596999999992)

Site Details

Centroid: POINT (-157.865782 21.320596999999992)
Updated On: 11/17/2021 3:14:30 PM
Coordinates: 21.320596999999992,-157.865782

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Construction EHMP

291	1 of 1	SE	0.95 / 5,011.43	3.28 / 0	Glover Building 1046 Waimanu St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 272
Site Name (Public iHEER): Glover Building
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 1046 Waimanu St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		5/30/2019 8:35:41 PM				
Ms Access ID (Public iHEER):		274				
Suppl Loc (Public iHEER):		1046 Waimanu St				
Tax Map Keys (Public iHEER):						
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		272				
Site Name (PORTAL):		Glover Building				
Loc Desc (PORTAL):		1046 Waimanu St				
Address (PORTAL):		1046 Waimanu St Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		ISST NFA – NO LETTER				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		Melody Calisay				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/272/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Oct 25, 1994				
Document No:		21398				
Type:		Undetermined				
Title:		Surface Spill/1046 Waimanu St				
Imported From:		132884#\Heersharepoint1\facilitiesite%20documents\132884.pdf				
<u>iHEER System - Locations Details</u>						
Locations ID:		910				
Location Type:		SC				
Description:		Address geocoding; PrimaryTemp - Lat/Lon data added 2007-11-08 by Eric.; TMK Owner Honolulu Design Center LLC; Geocoded addresses in ArcGIS using oah_streets. Location not verif; ARC_STREET: 1046 Waimanu St				
Comment :		ADDR_2: TMK Owner Honolulu Design Center LLC XT				
Centroid:		POINT (-157.850973 21.296168999999988)				
Geometry:		POINT (-157.850973 21.296168999999988)				
<u>Site Details</u>						
Centroid:		POINT (-157.850973 21.296168999999988)				
Updated On:		5/30/2019 8:35:41 PM				
Coordinates:		21.296168999999988,-157.850973				
<u>iHEER System - Aliases</u>						
Name:		1% flood risk with SLR 3.2ft				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
292	1 of 1	NNW	0.96 / 5,073.09	9.84 / 7	Honolulu Community College Gas Station 826 Dillingham Blvd Honolulu HI 96817	SHWS

iHEER ID (Public iHEER): 1573
Site Name (Public iHEER): Honolulu Community College Gas Station
Aliases (Public iHEER): HCC Gas Station, University of Hawaii, UST Facility ID 9-103285 / LUST Release ID 970108
Street (Public iHEER): 826 Dillingham Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 10/1/2020 2:24:09 PM
Ms Access ID (Public iHEER): 418
Suppl Loc (Public iHEER): 826 Dillingham Blvd, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115017004
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1573
Site Name (PORTAL): Honolulu Community College Gas Station
Loc Desc (PORTAL): 826 Dillingham Blvd, Honolulu, HI 96817
Address (PORTAL): 826 Dillingham Blvd
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Eric Sadoyama
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1573/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Mar 13, 1997
Document No: 32591
Type: Undetermined
Title: Expaned Subsurface Investigation Former Gas/Service Station, Honolulu Community College, Honolulu, Oahu HI
Imported From: 110880#\Heersharepoint1\facilitiesite%20documents\110880.pdf

iHEER System - Documents

Date : Jul 31, 1997
Document No: 32589
Type: Undetermined
Title: Honolulu Community College Facility ID 9-103285 / Release ID 970108
Imported From: 110882#\Heersharepoint1\facilitiesite%20documents\110882.pdf

iHEER System - Documents

Date : Apr 17, 1997
Document No: 32590
Type: Undetermined
Title: Honolulu Community College Site Improvement, Phase 1
Imported From: 110881#\Heersharepoint1\facilitiesite%20documents\110881.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Aug 18, 1997
Document No: 32588
Type: Undetermined
Title: Initial Site Screening Summary Sheet
Imported From: 110878#\Heersharepoint1\facilitiesite%20documents\110878.pdf

iHEER System - Documents

Date : Sep 16, 1996
Document No: 32586
Type: Undetermined
Title: Limited Screening Level Subsurface Investigation at Former Gas Service Station, Honolulu Community College, Honolulu, Oahu HI
Imported From: 110879#\Heersharepoint1\facilitiesite%20documents\110879.pdf

iHEER System - Documents

Date : Feb 8, 2007
Document No: 32587
Type: No Further Action Determination Letter
Title: No Further Action Required at Honolulu Community College Gas Station, 874 Dillingham Blvd
Imported From: 2007-092#Q:\2007 Final Correspondence (Day File)\07-092-SPM.pdf

iHEER System - Documents

Date : Jul 31, 1997
Document No: 32592
Type: Undetermined
Title: Referral of Non-UST Release
Imported From: 110883#\Heersharepoint1\facilitiesite%20documents\110883.pdf

iHEER System - Locations Details

Locations ID: 5485
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.86871699999998 21.319844999999994)
Geometry:

POINT (-157.86871699999998 21.319844999999994)

iHEER System - Locations Details

Locations ID: 7006
Location Type: SB
Description: APPROX building footprint
Comment : Placed by RPM
Centroid: POINT (-157.86872236681515 21.319851691872021)
Geometry:

POLYGON ((-157.86879481100891 21.320064964894321, -157.86889673494804 21.320009994599825, -157.86864192509574 21.319632697936711, -157.86855072998762 21.319692665683061, -157.86879481100891 21.320064964894321))

Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.86871699999998 21.319844999999994)				
Updated On:		10/1/2020 2:24:09 PM				
Coordinates:		21.319844999999994,-157.86871699999998				

iHEER System - Aliases

Name: University of Hawaii

iHEER System - Aliases

Name: HCC Gas Station

iHEER System - Aliases

Name: UST Facility ID 9-103285 / LUST Release ID 970108

293	1 of 1	NW	0.96 / 5,076.59	3.28 / 0	Home Depot Iwilei 421 Alakawa St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1451
Site Name (Public iHEER): Home Depot Iwilei
Aliases (Public iHEER): Brownfields Received a Restricted NFA, Dole Iwilei, Home Depot, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, SLR 3.2ft Flooding, Vapor Barrier, VRP-01, Voluntary Response Program 01
Street (Public iHEER): 421 Alakawa St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/21/2020 4:29:31 PM
Ms Access ID (Public iHEER): 416
Suppl Loc (Public iHEER): 421 Alakawa St, Honolulu, HI 96817
Tax Map Keys (Public iHEER): 115012007, 115012011
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1451
Site Name (PORTAL): Home Depot Iwilei
Loc Desc (PORTAL): 421 Alakawa St, Honolulu, HI 96817
Address (PORTAL): 421 Alakawa St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1451/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 1999
Document No: 32500

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:					Undetermined	
Title:					Other Documents	
Imported From:					114577#\Heersharepoint1\facilitiesite%20documents\114577.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 19, 2000	
Document No:					32420	
Type:					Undetermined	
Title:					Permission Request - to grant access to property for sampling Jan 26, 1999	
Imported From:					1999-019#Q:\1999 Final Correspondence (Day File)\99-019-CL.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 23, 1998	
Document No:					32451	
Type:					Undetermined	
Title:					Proposal for, Home Depot Remedial Analysis Review Support	
Imported From:					957#\Heersharepoint1\facilitiesite%20documents\957.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 4, 1998	
Document No:					32413	
Type:					Undetermined	
Title:					Proposed Environmental Plan, Proposed Home Depot Development Iwilei District, Honolulu HI	
Imported From:					964#\Heersharepoint1\facilitiesite%20documents\964.pdf	
<u>iHEER System - Documents</u>						
Date :						
Document No:					183889	
Type:					Undetermined	
Title:					Proposed Groundwater Monitoring Plan	
Imported From:						
<u>iHEER System - Documents</u>						
Date :					Jun 17, 1998	
Document No:					32509	
Type:					Undetermined	
Title:					Proposed Home Depot Development, Former Dole Cannery Iwilei District, Honolulu HI Transmittal of Site Characterization Report	
Imported From:					967#\Heersharepoint1\facilitiesite%20documents\967.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 2, 2000	
Document No:					32525	
Type:					Undetermined	
Title:					Proposed Revision to Gas Monitoring Plan, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI 96817	
Imported From:					976#\Heersharepoint1\facilitiesite%20documents\976.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 19, 2000	
Document No:					32460	
Type:					Undetermined	
Title:					Proposed Revisions to Gas Monitoring Plan, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI 96817	
Imported From:					37945#\Heersharepoint1\facilitiesite%20documents\37945.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 19, 2000
Document No: 32452
Type: Undetermined
Title: Proposed Revisions to Gas Monitoring Plan, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI 96817
Imported From: 37944#\Heersharepoint1\facilitiesite%20documents\37944.pdf

iHEER System - Documents

Date : Jul 31, 1997
Document No: 32456
Type: Undetermined
Title: Proposed, Home Depot Stores in Iwilei District, Honolulu and Pearl City Junction, Hawaii 07/31/1997
Imported From: 968#\Heersharepoint1\facilitiesite%20documents\968.pdf

iHEER System - Documents

Date : Aug 4, 1997
Document No: 32553
Type: Undetermined
Title: Proposed, Home Depot Stores in Iwilei District, Honolulu and Pearl City Junction, Hawaii 08/04/1997
Imported From: 969#\Heersharepoint1\facilitiesite%20documents\969.pdf

iHEER System - Documents

Date : Jan 26, 1999
Document No: 32431
Type: Undetermined
Title: Public Info meeting for, Home Depot
Imported From: 1999-034#Q:\1999 Final Correspondence (Day File)\99-034-TN.pdf

iHEER System - Documents

Date : Apr 24, 2000
Document No: 32570
Type: Undetermined
Title: Quarterly Groundwater Monitoring Report, Feb 2000, Home Depot Store #1701, Honolulu HI
Imported From: 991#\Heersharepoint1\facilitiesite%20documents\991.pdf

iHEER System - Documents

Date : Aug 30, 1998
Document No: 32516
Type: Undetermined
Title: draft agenda for Sep 1, 1998 meeting with Hawaiian DOH and, Home Depot (Home Depot - Dole)
Imported From: 442#\Heersharepoint1\facilitiesite%20documents\442.pdf

iHEER System - Documents

Date : Sep 29, 1998
Document No: 32487
Type: Undetermined
Title: Draft Notice for the OEQC Bulletin
Imported From: 126812#\Heersharepoint1\facilitiesite%20documents\126812.pdf

iHEER System - Documents

Date : Oct 15, 1999
Document No: 32502

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Draft Operation and Maintenance Plan, Home Depot Development, Iwilei District, Honolulu HI				
Imported From:		448#\Heersharepoint1\facilitiesite%20documents\448.pdf				
<u>iHEER System - Documents</u>						
Date :		May 30, 2016				
Document No:		32393				
Type:		Undetermined				
Title:		EHE and EHMP HOME DEPOT STORE #1701 421 ALAKAWA St, Honolulu Hawaii				
Imported From:		121059#\Heersharepoint1\facilitiesite%20documents\121059.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 20, 2011				
Document No:		32510				
Type:		Undetermined				
Title:		EHE and EHMP, Home Depot Store #1701 Tool Rental Center, 421 Alakawa St, Honolulu HI, Apr 2011				
Imported From:		94988#\Heersharepoint1\facilitiesite%20documents\94988.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 15, 1999				
Document No:		32489				
Type:		Undetermined				
Title:		Enclosed is a fully executed original Letter of Completion				
Imported From:		126811#\Heersharepoint1\facilitiesite%20documents\126811.pdf				
<u>iHEER System - Documents</u>						
Date :		Jul 13, 1998				
Document No:		32546				
Type:		Undetermined				
Title:		Errata Sheet - Revised Human Health Risk Assessment, Proposed Home Depot Development, Former Dole Cannery Iwilei District, Honolulu HI				
Imported From:		498#\Heersharepoint1\facilitiesite%20documents\498.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 18, 1998				
Document No:		32389				
Type:		Undetermined				
Title:		Final Analysis of Remedial Action Alternatives, Proposed Home Depot Development Iwilei District, Honolulu HI				
Imported From:		37940#\Heersharepoint1\facilitiesite%20documents\37940.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 2, 1998				
Document No:		32569				
Type:		Undetermined				
Title:		Final Analysis of Remedial Action Alternatives, Proposed Home Depot Redevelopment Iwilei District, Honolulu HI				
Imported From:		19#\Heersharepoint1\facilitiesite%20documents\19.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 27, 2000				
Document No:		32405				
Type:		Undetermined				
Title:		Final Groundwater Monitoring and Reporting Plan				
Imported From:		2000-037#Q:2000 Final Correspondence (Day File)\00-037-CL.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Dec 22, 1999
Document No: 32564
Type: Undetermined
Title: Final Groundwater Monitoring and Reporting Plan, Home Depot Development, 421 Alakawa St, Honolulu HI
Imported From: 24#\Heersharepoint1\facilitiesite%20documents\24.pdf

iHEER System - Documents

Date : Jan 24, 2000
Document No: 32391
Type: Undetermined
Title: Final Risk Management Plan, Home Depot Store #1701, Honolulu HI
Imported From: 35#\Heersharepoint1\facilitiesite%20documents\35.pdf

iHEER System - Documents

Date : Sep 8, 1997
Document No: 32568
Type: Undetermined
Title: Former Dole Cannery/Proposed, Home Depot Facility Iwilei District, Honolulu HI
Imported From: 503#\Heersharepoint1\facilitiesite%20documents\503.pdf

iHEER System - Documents

Date : Dec 13, 2010
Document No: 4811
Type: Undetermined
Title: Gas Migration Control and EHMP, Proposed Tool Rental Center, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 93660#\Heersharepoint1\facilitiesite%20documents\93660.pdf

iHEER System - Documents

Date : Dec 13, 2010
Document No: 4810
Type: Undetermined
Title: Gas Migration Control and EHMP, Proposed Tool Rental Center, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 93661#\Heersharepoint1\facilitiesite%20documents\93661.pdf

iHEER System - Documents

Date : Feb 11, 2004
Document No: 32415
Type: Undetermined
Title: Gas Monitoring and Control System 2003
Imported From: 2004-048#Q:\2004 Final Correspondence (Day File)\04-048-MS.pdf

iHEER System - Documents

Date : Feb 16, 1999
Document No: 32402
Type: Undetermined
Title: Home Depot Public Meeting
Imported From: 1999-055#Q:\1999 Final Correspondence (Day File)\99-055-DB.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jun 12, 2001			
Document No:			32417			
Type:			Undetermined			
Title:			Home Depot Retail Store #1701			
Imported From:			2001-197#Q:\2001 Final Correspondence (Day File)\01-197-ES.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 23, 2003			
Document No:			32421			
Type:			Undetermined			
Title:			Home Depot Semi Annual Groundwater Monitoring Report			
Imported From:			2003-351#Q:\2003 Final Correspondence (Day File)\03-351-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 7, 2000			
Document No:			32485			
Type:			Undetermined			
Title:			Home Depot Store #1701, 421 Alakawa St			
Imported From:			583#\Heersharepoint1\facilitiesite%20documents\583.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 1997			
Document No:			32523			
Type:			Undetermined			
Title:			Home Depot U.S.A Inc, Proposed Development of a Portion of the Former Dole Cannery Site, Iwilei District, Honolulu			
Imported From:			584#\Heersharepoint1\facilitiesite%20documents\584.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 13, 2001			
Document No:			32518			
Type:			Undetermined			
Title:			RE: Public Participation Plan for Home Depot VRP Project			
Imported From:			114572#\Heersharepoint1\facilitiesite%20documents\114572.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 6, 1998			
Document No:			32484			
Type:			Undetermined			
Title:			RE: Site Characterization Report, 06/17/1998 Former Dole Cannery, Honolulu Hawaii			
Imported From:			114571#\Heersharepoint1\facilitiesite%20documents\114571.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 18, 1998			
Document No:			32534			
Type:			Undetermined			
Title:			record of phone conversation between DB & Melvin Lee			
Imported From:			1015#\Heersharepoint1\facilitiesite%20documents\1015.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 22, 2000			
Document No:			32551			
Type:			Undetermined			
Title:			record of Sam Williams call about DOH jurisdiction resolution			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		1016#\Heersharepoint1\facilitiesite%20documents\1016.pdf				
<u>iHEER System - Documents</u>						
Date :	Oct 23, 1998					
Document No:	32539					
Type:	Undetermined					
Title:	Reponses to Bob Stalker's Letter of 09/26/1998					
Imported From:	114570#\Heersharepoint1\facilitiesite%20documents\114570.pdf					
<u>iHEER System - Documents</u>						
Date :	Apr 3, 1998					
Document No:	32453					
Type:	Undetermined					
Title:	Request for a Permit Applicability Determination, Proposed Home Depot Development Iwilei District, Honolulu HI					
Imported From:	1069#\Heersharepoint1\facilitiesite%20documents\1069.pdf					
<u>iHEER System - Documents</u>						
Date :	Feb 16, 2011					
Document No:	32517					
Type:	Undetermined					
Title:	Request for Approval to Abandon Groundwater Monitoring Well MW-9 at Home Depot, Honolulu					
Imported From:	94468#\Heersharepoint1\facilitiesite%20documents\94468.pdf					
<u>iHEER System - Documents</u>						
Date :	Sep 4, 1997					
Document No:	32412					
Type:	Undetermined					
Title:	Request for Information from Davis K. Yogi					
Imported From:	1078#\Heersharepoint1\facilitiesite%20documents\1078.pdf					
<u>iHEER System - Documents</u>						
Date :	Mar 4, 1998					
Document No:	32387					
Type:	Undetermined					
Title:	Request for payment into VRP account					
Imported From:	48179#\Heersharepoint1\facilitiesite%20documents\48179.pdf					
<u>iHEER System - Documents</u>						
Date :	Feb 1, 1994					
Document No:	32486					
Type:	Undetermined					
Title:	Request for Public Record - DOH comments, 9/25/1998 Analysis of Remedial Actions Alternatives Report					
Imported From:	114576#\Heersharepoint1\facilitiesite%20documents\114576.pdf					
<u>iHEER System - Documents</u>						
Date :	Feb 8, 2000					
Document No:	32503					
Type:	Undetermined					
Title:	Requests for Government Records					
Imported From:	114553#\Heersharepoint1\facilitiesite%20documents\114553.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Feb 13, 2020				
Document No:		173009				
Type:		Undetermined				
Title:		Response to April 2, 2019 A&B Letter RE VRP LOC Transfer of Exemption from Liability to New Owner				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Oct 19, 2000				
Document No:		32567				
Type:		Undetermined				
Title:		Response to Comments 1999 Operation and Maintenance Annual Report, 24 Feb 2000, Home Depot Store #1701, 421 Alakawa St, Honolulu HI				
Imported From:		1153#\Heersharepoint1\facilysite%20documents\1153.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 18, 1998				
Document No:		32543				
Type:		Undetermined				
Title:		Response to Comments Analysis of Remedial Action Alternatives, Proposed Home Depot Development Iwilei District, Honolulu HI				
Imported From:		1148#\Heersharepoint1\facilysite%20documents\1148.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 24, 1998				
Document No:		32550				
Type:		Undetermined				
Title:		Response to Comments Analysis of Remedial Action, Proposed Home Depot Development Iwilei District, Honolulu HI				
Imported From:		1149#\Heersharepoint1\facilysite%20documents\1149.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 21, 1999				
Document No:		32529				
Type:		Undetermined				
Title:		Response to Comments and Submittal of Draft Report Groundwater Monitoring and Reporting Plan, Home Depot - Iwilei District Site 431 Alakawa St				
Imported From:		1150#\Heersharepoint1\facilysite%20documents\1150.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 20, 1999				
Document No:		32571				
Type:		Undetermined				
Title:		Response to Comments Draft Groundwater Monitoring and Well Installation Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI				
Imported From:		1154#\Heersharepoint1\facilysite%20documents\1154.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 17, 1999				
Document No:		32533				
Type:		Undetermined				
Title:		Response to Comments Draft Operation and Maintenance Plan, Gas Monitoring and Control System, Home Depot #1701, 421 Alakawa St, Honolulu HI				
Imported From:		1155#\Heersharepoint1\facilysite%20documents\1155.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 16, 1998			
Document No:			32572			
Type:			Undetermined			
Title:			Response to Comments Human Health Risk Assessment, Proposed Home Depot Development, Former Dole Cannery Iwilei District, Honolulu HI			
Imported From:			1157#\Heersharepoint1\facilitiesite%20documents\1157.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2000			
Document No:			32573			
Type:			Undetermined			
Title:			Response to Comments Quarterly Groundwater Monitoring Report, Feb 2000, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			1158#\Heersharepoint1\facilitiesite%20documents\1158.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 21, 2000			
Document No:			32574			
Type:			Undetermined			
Title:			Response to Comments Quarterly Groundwater Monitoring Report, May 2000, Home Depot Store #1701, Honolulu HI			
Imported From:			1159#\Heersharepoint1\facilitiesite%20documents\1159.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 20, 2011			
Document No:			5511			
Type:			Undetermined			
Title:			Response to Comments received 5 Jan 2011 - Review of: Draft Environmental Management Plan, Home Depot Store # 1701			
Imported From:			94987#\Heersharepoint1\facilitiesite%20documents\94987.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 18, 1998			
Document No:			32548			
Type:			Undetermined			
Title:			Response to Comments Revised Potential Ecological and Human Health Risks from Groundwater, Proposed Home Depot Development Former Dole Cannery, Ho			
Imported From:			1151#\Heersharepoint1\facilitiesite%20documents\1151.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 27, 2001			
Document No:			32473			
Type:			Undetermined			
Title:			Gas Monitoring and Control System Annual Operation and Maintenance Report, Year 2000, Home Depot #1701, Honolulu HI			
Imported From:			37935#\Heersharepoint1\facilitiesite%20documents\37935.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 6, 2001			
Document No:			32552			
Type:			Undetermined			
Title:			Gas Monitoring and Control System Operation Update, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			524#\Heersharepoint1\facilitiesite%20documents\524.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :					Feb 22, 2002	
Document No:					32467	
Type:					Undetermined	
Title:					Gas Monitoring and Control System Year 2001 Operation and Maintenance Report, Home Depot #1701, Honolulu HI	
Imported From:					37952#\Heersharepoint1\facilitiesite%20documents\37952.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 30, 2004	
Document No:					32409	
Type:					Undetermined	
Title:					Gas Monitoring and Control System Year 2003 Operation and Maintenance Report, Home Depot #1701, Honolulu HI	
Imported From:					37968#\Heersharepoint1\facilitiesite%20documents\37968.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 3, 2003	
Document No:					32427	
Type:					Undetermined	
Title:					Gas Monitoring Report for 2001	
Imported From:					2003-004#Q:\2003 Final Correspondence (Day File)\03-004-MS.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 22, 1999	
Document No:					32542	
Type:					Undetermined	
Title:					Groundwater Monitoring and Reporting Plan, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					37936#\Heersharepoint1\facilitiesite%20documents\37936.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 20, 1999	
Document No:					32475	
Type:					Undetermined	
Title:					Groundwater Monitoring and Well Installation Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					37939#\Heersharepoint1\facilitiesite%20documents\37939.pdf	
<u>iHEER System - Documents</u>						
Date :					Oct 16, 2001	
Document No:					32483	
Type:					Undetermined	
Title:					Groundwater Monitoring Reports, Home Depot Store #1701, 421 Alakawa St, Honolulu Hawaii	
Imported From:					127621#\Heersharepoint1\facilitiesite%20documents\127621.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 29, 2002	
Document No:					32426	
Type:					Undetermined	
Title:					Groundwater monitoring, Home Depot	
Imported From:					2002-306#Q:\2002 Final Correspondence (Day File)\02-306-MS.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 23, 2000			
Document No:			32575			
Type:			Undetermined			
Title:			Hawaii Department of Health Jurisdiction Gas Monitoring and Control System, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI, 968			
Imported From:			542#\Heersharepoint1\facilitiesite%20documents\542.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 4, 1998			
Document No:			32537			
Type:			Undetermined			
Title:			Home Depot			
Imported From:			582#\Heersharepoint1\facilitiesite%20documents\582.pdf			
<u>iHEER System - Documents</u>						
Date :			May 18, 1999			
Document No:			32397			
Type:			Undetermined			
Title:			Home Depot - statement for City Council Pearl City Hearing			
Imported From:			48699#\Heersharepoint1\facilitiesite%20documents\48699.pdf			
<u>iHEER System - Documents</u>						
Date :			May 17, 1999			
Document No:			32408			
Type:			Undetermined			
Title:			Home Depot Monitoring Plan			
Imported From:			1999-199#Q:\1999 Final Correspondence (Day File)\99-199-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 22, 1997			
Document No:			32506			
Type:			Undetermined			
Title:			Home Depot U.S.A., Inc - Proposed Development of a Portion of the Former Dole Cannery Site, Iwilei, Honolulu			
Imported From:			126807#\Heersharepoint1\facilitiesite%20documents\126807.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 1998			
Document No:			32490			
Type:			Undetermined			
Title:			Home Depot, Iwilei District - Voluntary Response Program			
Imported From:			126810#\Heersharepoint1\facilitiesite%20documents\126810.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 6, 1998			
Document No:			32468			
Type:			Undetermined			
Title:			Human Health Risk Assessment Proposed Home Depot Development Former Dole Cannery Iwilei District, Honolulu Hawaii			
Imported From:			37950#\Heersharepoint1\facilitiesite%20documents\37950.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 12, 1998			
Document No:			32536			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Title:					Issues Agreed Upon During Meetings on 23 and 24 Mar 1998 Potential Ecological and Human Health Risk from Groundwater, Proposed Home Depot Development	
Imported From:					666#\Heersharepoint1\facilitiesite%20documents\666.pdf	
 <u>iHEER System - Documents</u>						
Date :					Aug 23, 2004	
Document No:					32443	
Type:					Undetermined	
Title:					Jun 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					\facilitiesite documents\media37961\August 2004 Report PDF\Appendix B\Lab Report.pdf	
 <u>iHEER System - Documents</u>						
Date :					Aug 23, 2004	
Document No:					32441	
Type:					Undetermined	
Title:					Jun 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					\facilitiesite documents\media37961\August 2004 Report PDF\Appendix A\Appendix A.pdf	
 <u>iHEER System - Documents</u>						
Date :					Aug 23, 2004	
Document No:					32440	
Type:					Undetermined	
Title:					Jun 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					\facilitiesite documents\media37961\MediaPlaceholder.txt	
 <u>iHEER System - Documents</u>						
Date :					Aug 23, 2004	
Document No:					32442	
Type:					Undetermined	
Title:					Jun 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					\facilitiesite documents\media37961\August 2004 Report PDF\Appendix B\CoverLetter.pdf	
 <u>iHEER System - Documents</u>						
Date :					Aug 23, 2004	
Document No:					32444	
Type:					Undetermined	
Title:					Jun 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					\facilitiesite documents\media37961\August 2004 Report PDF\Text Tables Figures\June 2004 GW Monitoring Report.pdf	
 <u>iHEER System - Documents</u>						
Date :					Feb 11, 1999	
Document No:					32504	
Type:					Undetermined	
Title:					Letter of Appreciation to Karen from Davis Bernstein	
Imported From:					114573#\Heersharepoint1\facilitiesite%20documents\114573.pdf	
 <u>iHEER System - Documents</u>						
Date :					Sep 3, 1999	
Document No:					32411	
Type:					Undetermined	
Title:					Letter of Completion	
Imported From:					1999-374#Q:\1999 Final Correspondence (Day File)\99-374-DB.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 3, 1999
Document No: 32410
Type: Undetermined
Title: Letter of Completion
Imported From: 48873#\Heersharepoint1\facilitiesite%20documents\48873.pdf

iHEER System - Documents

Date : Aug 30, 1999
Document No: 183888
Type: Undetermined
Title: Letter of Completion Pursuant to the VRP Agreement Dated 3.25.98 Between Home Depot U.S.A., Inc. and the Hawaii Department of Health
Imported From:

iHEER System - Documents

Date : Feb 4, 1998
Document No: 32560
Type: Undetermined
Title: Letter of Completion, Home Depot U.S.A Inc
Imported From: 741#\Heersharepoint1\facilitiesite%20documents\741.pdf

iHEER System - Documents

Date : Jan 29, 1999
Document No: 32556
Type: Undetermined
Title: Letter of Invitation to Rep. Felipe Abinsay Jr
Imported From: 114566#\Heersharepoint1\facilitiesite%20documents\114566.pdf

iHEER System - Documents

Date : Feb 11, 1999
Document No: 32554
Type: Undetermined
Title: Letter of Thanks from Davis Bernstein to Jim Rispoli RE: Home Depot Public Meeting
Imported From: 114569#\Heersharepoint1\facilitiesite%20documents\114569.pdf

iHEER System - Documents

Date : Dec 7, 2015
Document No: 32558
Type: Undetermined
Title: Letter of Transmittal for Environmental Monitoring Gas Migration Control and Environmental Hazard Mitigation, Relocation of Proposed Tool Rental Center, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 116244#\Heersharepoint1\facilitiesite%20documents\116244.pdf

iHEER System - Documents

Date : Mar 8, 2004
Document No: 32429
Type: Undetermined
Title: Letter on semi Annual Groundwater Monitoring Report Dec 2003
Imported From: 2004-093#Q:2004 Final Correspondence (Day File)\04-093-MS.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Feb 17, 1999			
Document No:			32555			
Type:			Undetermined			
Title:			Letter with Enclosed Videotapes of DOH Public Meeting 2/10/1999			
Imported From:			114567#\Heersharepoint1\facilitiesite%20documents\114567.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 15, 1997			
Document No:			32414			
Type:			Undetermined			
Title:			maps attached to fax			
Imported From:			769#\Heersharepoint1\facilitiesite%20documents\769.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 28, 1998			
Document No:			32562			
Type:			Undetermined			
Title:			Response to Comments Revised Potential Ecological and Human Health Risks from Groundwater, Proposed Home Depot Development, Former Dole Cannery, I			
Imported From:			1152#\Heersharepoint1\facilitiesite%20documents\1152.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 31, 2005			
Document No:			32430			
Type:			Undetermined			
Title:			Response to semi Annual Groundwater Monitoring Report Dec 2004			
Imported From:			2005-162#Q:\2005 Final Correspondence (Day File)\05-162-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 6, 2003			
Document No:			32428			
Type:			Undetermined			
Title:			Review of 2002 Gas Monitoring Report, Home Depot			
Imported From:			2003-041#Q:\2003 Final Correspondence (Day File)\03-041-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 10, 2006			
Document No:			32386			
Type:			Undetermined			
Title:			Review of Annual Groundwater Monitoring Report			
Imported From:			2006-212#Q:\2006 Final Correspondence (Day File)\06-212-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			May 24, 2007			
Document No:			32385			
Type:			Undetermined			
Title:			Review of Annual Groundwater Monitoring Report			
Imported From:			2007-324#Q:\2007 Final Correspondence (Day File)\07-324-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 2010			
Document No:			32524			
Type:			Undetermined			
Title:			Review of Dec 2009 Annual Groundwater Monitoring Report, Home Depot Store#1701(Mar 2010)			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2010-205#Q:\2010 Final Correspondence (Day File)\10-205-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Jan 5, 2011					
Document No:	32520					
Type:	Undetermined					
Title:	Review of Draft Environmental Management Plan, Home Depot Store #1701dated Dec 2010 by GeoSyntec Consultants					
Imported From:		2011-009#Q:\2011 Final Correspondence (Day File)\11-009-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Oct 20, 1999					
Document No:	32398					
Type:	Undetermined					
Title:	Review of Draft Groundwater Monitoring & Reporting Plan					
Imported From:		48958#\Heersharepoint1\facilitiesite%20documents\48958.pdf				
<u>iHEER System - Documents</u>						
Date :	Jun 15, 2011					
Document No:	32513					
Type:	Undetermined					
Title:	Review of EHE and EHMP, Home Depot Store #1701 Tool Rental Center, Apr 2011, by GeoSyntec Consultants					
Imported From:		2011-317#Q:\2011 Final Correspondence (Day File)\11-317-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 21, 2016					
Document No:	32394					
Type:	Review Letter					
Title:	Review of EHE and EHMP, Home Depot Store #1701, 421 Alakawa St, Honolulu Hawaii					
Imported From:		2016-390#Q:\2016 Final Correspondence (Day File)\16-390 SPM.pdf				
<u>iHEER System - Documents</u>						
Date :	Mar 14, 2005					
Document No:	32406					
Type:	Undetermined					
Title:	Review of Final Operation and Maintenance Report, gas monitoring system					
Imported From:		2005-140#Q:\2005 Final Correspondence (Day File)\05-140-MS (2).pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 17, 2004					
Document No:	32390					
Type:	Undetermined					
Title:	Review of Jun 2004 Semi Annual Groundwater Monitoring Report					
Imported From:		2004-391#Q:\2004 Final Correspondence (Day File)\04-391-MS.pdf				
<u>iHEER System - Documents</u>						
Date :	Oct 29, 1999					
Document No:	32395					
Type:	Undetermined					
Title:	Review of O&M Plan					
Imported From:		49022#\Heersharepoint1\facilitiesite%20documents\49022.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Mar 10, 2003
Document No: 32424
Type: Undetermined
Title: Review of Semi-Annual Groundwater Monitoring Report, Home Depot
Imported From: 2003-046#Q:\2003 Final Correspondence (Day File)\03-046-MS.pdf

iHEER System - Documents

Date : Jul 20, 1998
Document No: 32435
Type: Undetermined
Title: Review of Site Characterization, Jun 1998, Dole Cannery
Imported From: 1998-248#Q:\1998 Final Correspondence (Day File)\98-248-CL.pdf

iHEER System - Documents

Date : Dec 13, 1999
Document No: 32493
Type: Undetermined
Title: Revised Decision Rules, Quality Assurance Project Plan Draft Groundwater Monitoring and Well Installation Report, Home Depot Development 421 Ala
Imported From: 1193#\Heersharepoint1\facilitiesite%20documents\1193.pdf

iHEER System - Documents

Date : Mar 17, 1998
Document No: 32507
Type: Undetermined
Title: Revised Human Health Risk Assessment for the Proposed Home Depot Development, Former Dole Cannery Iwilei District, Honolulu HI
Imported From: 1195#\Heersharepoint1\facilitiesite%20documents\1195.pdf

iHEER System - Documents

Date : Mar 17, 1998
Document No: 32482
Type: Undetermined
Title: Revised Human Health Risk Assessment, Proposed Home Depot Development Former Dole Cannery Iwilei District, Honolulu HI
Imported From: 37948#\Heersharepoint1\facilitiesite%20documents\37948.pdf

iHEER System - Documents

Date : Aug 6, 1998
Document No: 32528
Type: Undetermined
Title: Revised Potential Ecological and Human Health Risk from Groundwater Report, Jun 17, 1998, Former Dole Cannery, Honolulu HI
Imported From: 1998-267#Q:\1998 Final Correspondence (Day File)\98-267-CL.pdf

iHEER System - Documents

Date : Aug 6, 1998
Document No: 32527
Type: Undetermined
Title: Revised Potential Ecological and Human Health Risk from Groundwater Report, Jun 17, 1998, Former Dole Cannery, Honolulu HI
Imported From: 103442#\Heersharepoint1\facilitiesite%20documents\103442.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Mar 24, 1998			
Document No:			32496			
Type:			Undetermined			
Title:			Meeting Agenda information			
Imported From:			127622#\Heersharepoint1\facilitiesite%20documents\127622.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 17, 1999			
Document No:			32494			
Type:			Undetermined			
Title:			News releases, site photos			
Imported From:			126814#\Heersharepoint1\facilitiesite%20documents\126814.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 6, 1998			
Document No:			32459			
Type:			Undetermined			
Title:			notes on report			
Imported From:			1998-268#Q:\1998 Final Correspondence (Day File)\98-268-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 1999			
Document No:			32480			
Type:			Undetermined			
Title:			Operating and Maintenance Plan Gas Monitoring and Control System, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37923#\Heersharepoint1\facilitiesite%20documents\37923.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 30, 1998			
Document No:			32450			
Type:			Undetermined			
Title:			Revised Potential Ecological and Human Health Risks from Groundwater, Proposed Home Depot Development Former Dole Cannery Iwilei District, Honolulu HI			
Imported From:			37929#\Heersharepoint1\facilitiesite%20documents\37929.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 30, 1998			
Document No:			32535			
Type:			Undetermined			
Title:			Revised Potential Ecological and Human Health Risks from Groundwater, Proposed Home Depot Development Former Dole Cannery, Honolulu HI			
Imported From:			1199#\Heersharepoint1\facilitiesite%20documents\1199.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 24, 2000			
Document No:			32462			
Type:			Undetermined			
Title:			Risk Management Plan, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37928#\Heersharepoint1\facilitiesite%20documents\37928.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 25, 1998			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			32439			
Type:			Undetermined			
Title:			Schedule for completion of, Home Depot VRP project			
Imported From:			1998-404#Q:\1998 Final Correspondence (Day File)\98-404-DB.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 18, 2003			
Document No:			32433			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37956#\Heersharepoint1\facilitysite%20documents\37956.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 13, 2004			
Document No:			32470			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37960#\Heersharepoint1\facilitysite%20documents\37960.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 15, 2003			
Document No:			32457			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37959#\Heersharepoint1\facilitysite%20documents\37959.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 12, 2002			
Document No:			32479			
Type:			Undetermined			
Title:			Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Apr 2001			
Imported From:			37922#\Heersharepoint1\facilitysite%20documents\37922.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 17, 1998			
Document No:			32449			
Type:			Site Characterization Report			
Title:			Site Characterization Report			
Imported From:			37930#\Heersharepoint1\facilitysite%20documents\37930.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 6, 1998			
Document No:			32519			
Type:			Undetermined			
Title:			Site Characterization Report, Jun 17, 1998, Former Dole Cannery, Honolulu HI			
Imported From:			1998-266#Q:\1998 Final Correspondence (Day File)\98-266-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 1997			
Document No:			32471			
Type:			Undetermined			
Title:			Site Investigation Report for a Portion of the Former Dole Cannery Site, Iwilei District, Honolulu			
Imported From:			37958#\Heersharepoint1\facilitysite%20documents\37958.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 23, 1998
Document No: 32515
Type: Undetermined
Title: The Development of Contaminated Property in Iwilei District
Imported From: 1998-355#Q:\1998 Final Correspondence (Day File)\98-355-DB.pdf

iHEER System - Documents

Date : Oct 23, 1998
Document No: 32514
Type: Undetermined
Title: The Development of Contaminated Property in Iwilei District
Imported From: 103444#\Heersharepoint1\facilitsite%20documents\103444.pdf

iHEER System - Documents

Date : Nov 26, 1997
Document No: 32438
Type: Undetermined
Title: Transmit draft VRP Agreement for review
Imported From: 48065#\Heersharepoint1\facilitsite%20documents\48065.pdf

iHEER System - Documents

Date : Sep 7, 1999
Document No: 32401
Type: Undetermined
Title: Transmit letter of completion to, Home Depot
Imported From: 48895#\Heersharepoint1\facilitsite%20documents\48895.pdf

iHEER System - Documents

Date : Dec 1, 1999
Document No: 32561
Type: Undetermined
Title: Transmittal Letter 12/01/1999
Imported From: 1392#\Heersharepoint1\facilitsite%20documents\1392.pdf

iHEER System - Documents

Date : Apr 18, 2001
Document No: 32392
Type: Undetermined
Title: Transmittal letter for Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 1396#\Heersharepoint1\facilitsite%20documents\1396.pdf

iHEER System - Documents

Date : Mar 7, 2001
Document No: 32530
Type: Undetermined
Title: Transmittal letter for Quarterly Groundwater Monitoring Report, Nov 2000, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 1397#\Heersharepoint1\facilitsite%20documents\1397.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jun 13, 2001			
Document No:			32418			
Type:			Undetermined			
Title:			Transmittal of Public Participation Plan for, Home Depot			
Imported From:			2001-199#Q:\2001 Final Correspondence (Day File)\01-199-CBM.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 15, 2001			
Document No:			32445			
Type:			Undetermined			
Title:			Transmittal of Requested Information Proposed Revisions to Gas Monitoring Plan, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI 96817			
Imported From:			37943#\Heersharepoint1\facilitiesite%20documents\37943.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 16, 2019			
Document No:			172418			
Type:			Undetermined			
Title:			Voluntary Response Program (VRP) Site 01, Request for Updated Risk Management Plan			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 29, 1998			
Document No:			32541			
Type:			Undetermined			
Title:			Voluntary Response Program Agreement for, Home Depot U.S.A, Inc			
Imported From:			1451#\Heersharepoint1\facilitiesite%20documents\1451.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 7, 1997			
Document No:			32491			
Type:			Undetermined			
Title:			Voluntary Response Program Application for Home Depot U.S.A. Inc			
Imported From:			126809#\Heersharepoint1\facilitiesite%20documents\126809.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 20, 1997			
Document No:			32492			
Type:			Undetermined			
Title:			Voluntary Response Program Application for Home Depot U.S.A. Inc			
Imported From:			126808#\Heersharepoint1\facilitiesite%20documents\126808.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 25, 1998			
Document No:			8978			
Type:			Agreement			
Title:			VRP Agreement			
Imported From:			9090#\Heersharepoint1\facilitiesite%20documents\9090.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 5, 1999			
Document No:			32498			
Type:			Undetermined			
Title:			VRP Agreement, Final RAM, and Letter of Completion			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		114554#\Heersharepoint1\facilitiesite%20documents\114554.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 13, 1998				
Document No:		32434				
Type:		Undetermined				
Title:		VRP Application				
Imported From:		48151#\Heersharepoint1\facilitiesite%20documents\48151.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 2, 1997				
Document No:		32563				
Type:		Undetermined				
Title:		Work Plan for Risk Assessment Activities				
Imported From:		1500#\Heersharepoint1\facilitiesite%20documents\1500.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 22, 1999				
Document No:		32474				
Type:		Undetermined				
Title:		RAM				
Imported From:		37927#\Heersharepoint1\facilitiesite%20documents\37927.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 18, 1999				
Document No:		7984				
Type:		Undetermined				
Title:		RAM				
Imported From:		9091#\Heersharepoint1\facilitiesite%20documents\9091.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 18, 1999				
Document No:		32477				
Type:		Undetermined				
Title:		RAM				
Imported From:		37926#\Heersharepoint1\facilitiesite%20documents\37926.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 20, 1998				
Document No:		32545				
Type:		Undetermined				
Title:		re: HVOC Information				
Imported From:		1009#\Heersharepoint1\facilitiesite%20documents\1009.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 1999				
Document No:		32526				
Type:		Undetermined				
Title:		RE: Opposition to DOH Proposed Approval for Response Action at Home Depot Site				
Imported From:		114574#\Heersharepoint1\facilitiesite%20documents\114574.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Sep 16, 1998			
Document No:			32399			
Type:			Undetermined			
Title:			Acceptance of Human Health Risk Assessment			
Imported From:			1998-305#Q:\1998 Final Correspondence (Day File)\98-305-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 5, 1999			
Document No:			32419			
Type:			Undetermined			
Title:			Acceptance of Remedial Alternatives Analysis			
Imported From:			1999-002#Q:\1999 Final Correspondence (Day File)\99-002-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 24, 2000			
Document No:			32522			
Type:			Undetermined			
Title:			1999 Operation and Maintenance Annual Report, Gas Monitoring and Control System, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			94#\Heersharepoint1\facilitiesite%20documents\94.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 27, 2001			
Document No:			32549			
Type:			Undetermined			
Title:			2000 Operation and Maintenance Annual Report, Gas Monitoring and Control System, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			104#\Heersharepoint1\facilitiesite%20documents\104.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 28, 2003			
Document No:			32466			
Type:			Undetermined			
Title:			2002 Operation and Maintenance Annual Report, Gas Monitoring and Control System, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37953#\Heersharepoint1\facilitiesite%20documents\37953.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 25, 2005			
Document No:			32532			
Type:			Undetermined			
Title:			2004 Operation and Maintenance Annual Report, Gas Monitoring and Control System, Home Depot Retail Store #1701 421 Ala Kawa St			
Imported From:			2622#\Heersharepoint1\facilitiesite%20documents\2622.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 25, 2005			
Document No:			32458			
Type:			Undetermined			
Title:			2004 Operation and Maintenance Annual Report, Gas Monitoring and Control System, Home Depot Retail Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37962#\Heersharepoint1\facilitiesite%20documents\37962.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Mar 20, 1998				
Document No:		32538				
Type:		Undetermined				
Title:		3/20/1998				
Imported From:		122#\Heersharepoint1\facilitiesite%20documents\122.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 3, 1998				
Document No:		32508				
Type:		Undetermined				
Title:		4/3/1998				
Imported From:		132#\Heersharepoint1\facilitiesite%20documents\132.pdf				
<u>iHEER System - Documents</u>						
Date :		May 21, 1999				
Document No:		32565				
Type:		Undetermined				
Title:		5/21/1999				
Imported From:		141#\Heersharepoint1\facilitiesite%20documents\141.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 14, 1998				
Document No:		32521				
Type:		Undetermined				
Title:		8/14/1998				
Imported From:		172#\Heersharepoint1\facilitiesite%20documents\172.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 26, 1997				
Document No:		32495				
Type:		Undetermined				
Title:		8/26/1997				
Imported From:		175#\Heersharepoint1\facilitiesite%20documents\175.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 2, 2019				
Document No:		173006				
Type:		Undetermined				
Title:		A&B Letter Requesting Transfer of Exemption from Liability to New Owner				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 26, 1998				
Document No:		32437				
Type:		Undetermined				
Title:		Acceptance of Final Groundwater Risk Assessment				
Imported From:		1998-403#Q:\1998 Final Correspondence (Day File)\98-403-CL.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 19, 2000				
Document No:		32423				
Type:		Undetermined				
Title:		acceptance of technical approach and conclusions of Groundwater Monitoring and Well Installation Report of				
		12/20/99				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		1999-020#Q:\1999 Final Correspondence (Day File)\99-020-CL.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 31, 1998				
Document No:		32455				
Type:		Undetermined				
Title:		Analysis of Remedial Action Alternatives, Proposed Home Depot Development Iwilei District, Honolulu HI				
Imported From:		37965#\Heersharepoint1\facilitiesite%20documents\37965.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 1, 1999				
Document No:		32540				
Type:		Undetermined				
Title:		Announcement of Home Depot Coming to Hawaii				
Imported From:		225#\Heersharepoint1\facilitiesite%20documents\225.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 9, 2008				
Document No:		32407				
Type:		Undetermined				
Title:		Annual Monitoring Report 2007				
Imported From:		2008-274#Q:\2008 Final Correspondence (Day File)\08-274-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 4, 1999				
Document No:		32481				
Type:		Undetermined				
Title:		Cap and Vapor Control System Quality Assurance Report, Home Depot Store #1701, Honolulu HI Volume I of II				
Imported From:		37924#\Heersharepoint1\facilitiesite%20documents\37924.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 4, 1999				
Document No:		32446				
Type:		Undetermined				
Title:		Cap and Vapor Control System Quality Assurance Report, Home Depot Store #1701, Honolulu HI Volume II of II				
Imported From:		37925#\Heersharepoint1\facilitiesite%20documents\37925.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 14, 1997				
Document No:		32476				
Type:		Undetermined				
Title:		Castle & Cooke Properties Inc, 1997 Environmental Assessment Iwilei Development Property				
Imported From:		37941#\Heersharepoint1\facilitiesite%20documents\37941.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 20, 2000				
Document No:		32404				
Type:		Undetermined				
Title:		Change in Project Manager, Home Depot VRP				
Imported From:		2000-278#Q:\2000 Final Correspondence (Day File)\00-278-CBM.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Sep 20, 2001			
Document No:			32497			
Type:			Undetermined			
Title:			Change in Project Manager, Voluntary Response Program Agreement, Home Depot, 421 Alakawa St, Honolulu Hawaii			
Imported From:			127620#\Heersharepoint1\facilitiesite%20documents\127620.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 24, 1998			
Document No:			32436			
Type:			Undetermined			
Title:			Comments on Groundwater Risk Assessment			
Imported From:			1998-306#Q:\1998 Final Correspondence (Day File)\98-306-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 30, 1999			
Document No:			32422			
Type:			Undetermined			
Title:			Comments on Initial Groundwater Monitoring Report			
Imported From:			1999-543#Q:\1999 Final Correspondence (Day File)\99-543-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 21, 2000			
Document No:			32396			
Type:			Undetermined			
Title:			Comments on Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, May 2000, Jul 31, 2000			
Imported From:			2000-411#Q:\2000 Final Correspondence (Day File)\00-411-DMC.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 25, 1998			
Document No:			32388			
Type:			Undetermined			
Title:			Comments on Remedial Alternatives Analysis			
Imported From:			1998-307#Q:\1998 Final Correspondence (Day File)\98-307-CL.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 17, 1997			
Document No:			32416			
Type:			Undetermined			
Title:			Comments RE:, Home Depot VRP Application			
Imported From:			47982#\Heersharepoint1\facilitiesite%20documents\47982.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 4, 2011			
Document No:			32512			
Type:			Undetermined			
Title:			Concurrence with Abandonment of Well MW-9 on the Home Depot VRP site			
Imported From:			2011-139#Q:\2011 Final Correspondence (Day File)\11-139-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 8, 1999			
Document No:			32531			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Construction Quality Assurance Report Gas Monitoring and Control System Construction, Home Depot Retail Store #1701, Honolulu HI	
Imported From:					363#\Heersharepoint1\facilitiesite%20documents\363.pdf	
<u>iHEER System - Documents</u>						
Date :					Jan 7, 1999	
Document No:					32566	
Type:					Undetermined	
Title:					Contract No 98-418, Task Order No 001,, Home Depot RA Alternatives Analysis	
Imported From:					365#\Heersharepoint1\facilitiesite%20documents\365.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 18, 2000	
Document No:					32499	
Type:					Undetermined	
Title:					Correspondence - Incoming	
Imported From:					114556#\Heersharepoint1\facilitiesite%20documents\114556.pdf	
<u>iHEER System - Documents</u>						
Date :					Sep 12, 2000	
Document No:					32559	
Type:					Undetermined	
Title:					Correspondence - Outgoing	
Imported From:					114555#\Heersharepoint1\facilitiesite%20documents\114555.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 17, 1999	
Document No:					32557	
Type:					Undetermined	
Title:					Correspondence RE: VRP	
Imported From:					114557#\Heersharepoint1\facilitiesite%20documents\114557.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 15, 1999	
Document No:					32425	
Type:					Undetermined	
Title:					CQA and O&M Plan	
Imported From:					1999-574#Q:1999 Final Correspondence (Day File)\99-574-CL.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 18, 2005	
Document No:					32478	
Type:					Undetermined	
Title:					Dec 2004 Semi-Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					37963#\Heersharepoint1\facilitiesite%20documents\37963.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 5, 2002	
Document No:					32461	
Type:					Undetermined	
Title:					Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI	
Imported From:					37957#\Heersharepoint1\facilitiesite%20documents\37957.pdf	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Nov 30, 2001			
Document No:			32463			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			37955#\Heersharepoint1\facilitysite%20documents\37955.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 17, 2001			
Document No:			32432			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Apr 2001			
Imported From:			37933#\Heersharepoint1\facilitysite%20documents\37933.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 11, 2000			
Document No:			32447			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Aug 2000			
Imported From:			37932#\Heersharepoint1\facilitysite%20documents\37932.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 24, 2000			
Document No:			32544			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Feb 2000			
Imported From:			37937#\Heersharepoint1\facilitysite%20documents\37937.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 14, 2000			
Document No:			32400			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Feb 2000 (dated Apr 24, 2000) and Response to Comments (dated Jul 31, 2000)			
Imported From:			2000-403#Q:\2000 Final Correspondence (Day File)\00-403-DMC.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 31, 2000			
Document No:			32448			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, May 2000			
Imported From:			37931#\Heersharepoint1\facilitysite%20documents\37931.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 24, 2001			
Document No:			32465			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, May 2001			
Imported From:			\facilitysite documents\media37954\37954.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 24, 2001			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			32464			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, May 2001			
Imported From:			37954#\Heersharepoint1\facilitysite%20documents\37954.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 7, 2001			
Document No:			32469			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Nov 2000			
Imported From:			37934#\Heersharepoint1\facilitysite%20documents\37934.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2000			
Document No:			32472			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Oct 1999			
Imported From:			37938#\Heersharepoint1\facilitysite%20documents\37938.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 14, 2000			
Document No:			32403			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI, Oct 1999 (dated Jan 25, 2000)			
Imported From:			2000-402#Q:\2000 Final Correspondence (Day File)\00-402-DMC.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 1, 2000			
Document No:			32576			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, May 2000, Home Depot Store #1701, Honolulu HI			
Imported From:			992#\Heersharepoint1\facilitysite%20documents\992.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 25, 2000			
Document No:			32547			
Type:			Undetermined			
Title:			Quarterly Groundwater Monitoring Report, Oct 1999, Home Depot Store #1701, Honolulu HI			
Imported From:			993#\Heersharepoint1\facilitysite%20documents\993.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 26, 1998			
Document No:			32488			
Type:			Undetermined			
Title:			Questions regarding development of contaminated locations			
Imported From:			126813#\Heersharepoint1\facilitysite%20documents\126813.pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 28, 2006			
Document No:			32511			
Type:			Undetermined			
Title:			Dec 2005 Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI			
Imported From:			3971#\Heersharepoint1\facilitysite%20documents\3971.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 29, 2007
Document No: 32454
Type: Undetermined
Title: Dec 2006 Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 37966#\Heersharepoint1\facilitiesite%20documents\37966.pdf

iHEER System - Documents

Date : Mar 5, 2008
Document No: 32505
Type: Undetermined
Title: Dec 2007 - Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 7398#\Heersharepoint1\facilitiesite%20documents\7398.pdf

iHEER System - Documents

Date : Feb 27, 2009
Document No: 14224
Type: Undetermined
Title: Dec 2008 - Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 59116#\Heersharepoint1\facilitiesite%20documents\59116.pdf

iHEER System - Documents

Date : Mar 8, 2010
Document No: 32501
Type: Undetermined
Title: Dec 2009 Annual Groundwater Monitoring Report, Home Depot Store #1701, 421 Alakawa St, Honolulu HI
Imported From: 62644#\Heersharepoint1\facilitiesite%20documents\62644.pdf

iHEER System - Locations Details

Locations ID: 1678
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; ARC_STREET: 421 Alakawa St XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.873281 21.317060000000012)
Geometry:

POINT (-157.873281 21.317060000000012)

iHEER System - Locations Details

Locations ID: 4371
Location Type: SB
Description:
Comment :
Centroid: POINT (-157.87303006583247 21.317458578443073)
Geometry:

POLYGON ((-157.87228585853603 21.318692813543233, -157.87184061184425 21.3177033358574, -157.87207664623335 21.317418484983971, -157.87272037639684 21.317163617945365, -157.87252725734962 21.316548936795385, -157.87362696304487 21.316109163337202, -157.87420632019561 21.317503440566028, -157.87331582680304 21.318108122989859, -157.87321926727941 21.318387975168822, -157.87282230034495 21.318647837429872, -157.87228585853603 21.318692813543233))

Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.873281 21.317060000000012)				
Updated On:		6/21/2020 4:29:31 PM				
Coordinates:		21.317060000000012,-157.873281				
<u>iHEER System - Aliases</u>						
Name:	Honolulu High-Capacity Transit Corridor Project					
<u>iHEER System - Aliases</u>						
Name:	Honolulu Harbor					
<u>iHEER System - Aliases</u>						
Name:	Home Depot					
<u>iHEER System - Aliases</u>						
Name:	Dole Iwilei					
<u>iHEER System - Aliases</u>						
Name:	Brownfields Received a Restricted NFA					
<u>iHEER System - Aliases</u>						
Name:	Vapor Barrier					
<u>iHEER System - Aliases</u>						
Name:	Honolulu Harbor Iwilei Unit					
<u>iHEER System - Aliases</u>						
Name:	SLR 3.2ft Flooding					
<u>iHEER System - Aliases</u>						
Name:	Honolulu Harbor Iwilei District Participating Parties					
<u>iHEER System - Aliases</u>						
Name:	VRP-01, Voluntary Response Program 01					

[294](#)

1 of 1

ENE

**0.96 /
5,081.31**

**168.51 /
165**

PUNCHBOWL MILITARY RES

FUDS

HONOLULU HI

FUDS Property No:

H09HI0293

EMS Map Link:

https://fudsportal.usace.army.mil/ems/inventory/map?id=53432

FUDS INST ID:

HI99799F402300

Status:

Properties without projects

SDS ID:

NPL Status Code:

Eligibility:

Eligible

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Eligib:						
Current Owner:		FED: FEDERAL DEPT OF VETERANS AFFAIRS				
Has Project:		No				
DOD FUDS Pro:		H09HI0293				
Project Required:		No				
No Further Action:						
Congressional District:		01				
Congressional Dist 117:		01				
Media ID:						
Metadata ID:						
Feature Desc:						
EPA Region:		09				
County:		HONOLULU				
Latitude:		21.30833333				
Longitude:		-157.84833333				
Fiscal year:		2021				
USACE Division:		POD				
USACE District:		Honolulu District (POH)				
Centroid Lat:						
Centroid Long:						
Se Anno Cad Data:						
Shape Length:						
Shape Area:						
Shape Len:						
X:		-157.848266602				
Y:		21.308410645				
Data Source:		U.S. Army Corps of Engineers Geospatial Open Data				
Property History:						

Feature Description:

295	1 of 1	ESE	0.97 / 5,095.69	3.28 / 0	McKinley High School Synthetic Track and Field 1039 S King St Honolulu HI 96814	SHWS
iHEER ID (Public iHEER):		1631				
Site Name (Public iHEER):		McKinley High School Synthetic Track and Field				
Aliases (Public iHEER):		Brownfields Received a Restricted NFA, McKinley High School Rifle Range				
Street (Public iHEER):		1039 S King St				
City (Public iHEER):		Honolulu				
State (Public iHEER):		HI				
Zip (Public iHEER):		96814				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		9/17/2021 1:26:19 PM				
Ms Access ID (Public iHEER):		2416				
Suppl Loc (Public iHEER):		1039 S King St, Honolulu, HI 96814				
Tax Map Keys (Public iHEER):		123009001				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		1631				
Site Name (PORTAL):		McKinley High School Synthetic Track and Field				
Loc Desc (PORTAL):		1039 S King St, Honolulu, HI 96814				
Address (PORTAL):		1039 S King St Honolulu, HI 96814				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1631/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Oct 7, 2014
Document No: 151147
Type: Undetermined
Title: Correspondence letter for Site Investigation Report, McKinley High School Rifle Range
Imported From: 110975#\Heersharepoint1\facilitysite%20documents\110975.pdf

iHEER System - Documents

Date : Jun 23, 2017
Document No: 151144
Type: Undetermined
Title: EHMP, MCKINLEY HIGH SCHOOL RIFLE RANGE, McKinley High School Synthetic Track and Field, DOE Job Q23001-13
Imported From: \facilitysite documents\media127828\127828.pdf

iHEER System - Documents

Date : Jun 23, 2017
Document No: 151146
Type: Undetermined
Title: EHMP, MCKINLEY HIGH SCHOOL RIFLE RANGE, McKinley High School Synthetic Track and Field, DOE Job Q23001-13
Imported From: \facilitysite documents\media127828\McKinley HS Rifle Range RAR.pdf

iHEER System - Documents

Date : Jun 23, 2017
Document No: 151145
Type: Environmental Hazard Management Plan
Title: EHMP, MCKINLEY HIGH SCHOOL RIFLE RANGE, McKinley High School Synthetic Track and Field, DOE Job Q23001-13
Imported From: \facilitysite documents\media127828\McKinley HS Rifle Range EHMP.pdf

iHEER System - Documents

Date : Oct 23, 2015
Document No: 151148
Type: Undetermined
Title: McKinley High School Rifle Range, Soil Characterization Report, Sep 2015
Imported From: 115924#\Heersharepoint1\facilitysite%20documents\115924.pdf

iHEER System - Documents

Date : Jul 16, 2014
Document No: 14180
Type: Undetermined
Title: McKinley High School Synthetic Track and Field
Imported From: 110381#\Heersharepoint1\facilitysite%20documents\110381.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Oct 9, 2015				
Document No:		151137				
Type:		Undetermined				
Title:		Review of Soil Characterization Report, McKinley High School Rifle Range, McKinley High School Synthetic Track and Field, Sep 2015				
Imported From:		2015-575#Q:\2015 Final Correspondence (Day File)\15-575-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2013				
Document No:		151141				
Type:		Undetermined				
Title:		Site Investigation Report McKinley High School Rifle Range				
Imported From:		\\facilitysite documents\media110382\McKinley HS T and F TS 02120 Mgmt of Contaminated Soil.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2013				
Document No:		151140				
Type:		Undetermined				
Title:		Site Investigation Report McKinley High School Rifle Range				
Imported From:		\\facilitysite documents\media110382\McKinley H.S. Synthetic T and F-Enviro-Site Investigation Report-October 2013.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 2013				
Document No:		151142				
Type:		Undetermined				
Title:		Site Investigation Report McKinley High School Rifle Range				
Imported From:		\\facilitysite documents\media110382\20131112 McKinley H.S. Synthetic T and F-Enviro-Site Investigation-Additional Analyses.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 29, 2015				
Document No:		151138				
Type:		Undetermined				
Title:		Soil Characterization Report, McKinley High School Rifle Range, McKinley High School Synthetic Track and Field, DOE Job Q23001-13				
Imported From:		\\facilitysite documents\media115663\Soil Characterization Report, Final.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 29, 2015				
Document No:		151139				
Type:		Undetermined				
Title:		Soil Characterization Report, McKinley High School Rifle Range, McKinley High School Synthetic Track and Field, DOE Job Q23001-13				
Imported From:		\\facilitysite documents\media115663\115663.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 31, 2015				
Document No:		151143				
Type:		Undetermined				
Title:		Telephone Correspondence with Steve Mow, DOH HEER Office				
Imported From:		115483#\Heersharepoint1\facilitysite%20documents\115483.pdf				

iHEER System - Locations Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Locations ID:		3682				
Location Type:		SC				
Description:		McKinley H S Firing Range				
Comment :		Google Maps and EHMP				
Centroid:		POINT (-157.84871599999997 21.296951000000004)				
Geometry:		POINT (-157.84871599999997 21.296951000000004)				

iHEER System - Locations Details

Locations ID:	6547
Location Type:	EHMP
Description:	EHMP Former Range DU1
Comment :	Google Maps and Doc 151145
Centroid:	POINT (-157.8486116108713 21.296872059557383)
Geometry:	

POLYGON ((-157.84867040244984 21.296678486977189, -157.84870527115947 21.296690982212017, -157.84854702083084 21.297073335886804, -157.84851483431996 21.297063339724691, -157.8485175165367 21.29706084068447, -157.84867040244984 21.296678486977189))

Site Details

Centroid:	POINT (-157.84871599999997 21.296951000000004)
Updated On:	9/17/2021 1:26:19 PM
Coordinates:	21.296951000000004,-157.84871599999997

iHEER System - Aliases

Name: McKinley High School Rifle Range

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

296	1 of 1	WNW	0.97 / 5,096.52	0.00 / -3	Matson Navigation Company Honolulu Harbor Pier 52 Honolulu HI 96819	SHWS
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iHEER ID (Public iHEER):	2193
Site Name (Public iHEER):	Matson Navigation Company
Aliases (Public iHEER):	1% flood risk with SLR 3.2ft, HEER Case No. 19990317-1300, Honolulu Harbor Sand Island Unit, Matson Navigation Terminal, SLR 3.2ft Flooding
Street (Public iHEER):	Honolulu Harbor Pier 52
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96819
County (Public iHEER):	Honolulu
Island (Public iHEER):	Oahu
Status (Public iHEER):	Unreviewed
Lead Agency (Public iHEER):	HEER Office
Program (Public iHEER):	State
Assigned Rpm (Public iHEER):	
Is Public (Public iHEER):	FALSE
Updated on (Public iHEER):	1/4/2021 9:21:57 AM
Ms Access ID (Public iHEER):	642
Suppl Loc (Public iHEER):	Honolulu Harbor Pier 52
Tax Map Keys (Public iHEER):	
iHEER ID (Non Public iHEER):	2193
Site Name (Non Public iHEER):	Matson Navigation Company
Address (Non Public iHEER):	Sand Island Access Rd

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City State Zip (Non Public):		Honolulu HI 96819				
Suppl Loc Text(Non Public):		Honolulu Harbor Pier 51B-53				
iHEER ID (PORTAL):		2193				
Site Name (PORTAL):		Matson Navigation Company				
Loc Desc (PORTAL):		Honolulu Harbor Pier 52				
Address (PORTAL):		Honolulu, HI 96819				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		UNREVIEWED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/2193/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022); Non Public Sites in IHEER (01/13/2022)				

iHEER System - Documents

Date : Mar 18, 1999
Document No: 41859
Type: Undetermined
Title: Release Notification
Imported From: 114487#\Heersharepoint1\facilitiesite%20documents\114487.pdf

iHEER System - Locations Details

Locations ID: 1071
Location Type: SC
Description: Honolulu Harbor Pier 52
Comment : Placed by RPM
Centroid: POINT (-157.87866 21.312495999999996)
Geometry:

POINT (-157.87866 21.312495999999996)

Site Details

Centroid: POINT (-157.87866 21.312495999999996)
Updated On: 1/4/2021 9:21:57 AM
Coordinates: 21.312495999999996,-157.87866

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

iHEER System - Aliases

Name: Matson Navigation Terminal

iHEER System - Aliases

Name: HEER Case No. 19990317-1300

iHEER System - Aliases

Name: SLR 3.2ft Flooding

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

297	1 of 1	NW	0.97 / 5,104.07	3.28 / 0	Weyerhaeuser 900 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 63
Site Name (Public iHEER): Weyerhaeuser
Aliases (Public iHEER): 115, 888 N Nimitz Hwy, Dole Iwilei, Former Chevron Facility #374793, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU2, SLR 3.2ft Flooding
Street (Public iHEER): 900 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/3/2022 11:05:46 AM
Ms Access ID (Public iHEER): 985
Suppl Loc (Public iHEER): 900 N Nimitz Hwy
Tax Map Keys (Public iHEER): 115012013, 115012018, 115013011
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 63
Site Name (PORTAL): Weyerhaeuser
Loc Desc (PORTAL): 900 N Nimitz Hwy
Address (PORTAL): 900 N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/63/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Oct 27, 2011
Document No: 55846
Type: Concurrence Letter
Title: Request for Concurrence to Change Floor Sealant Used at the 7-Eleven Retail, Store, 900 N Nimitz Hwy, Honolulu HI
Imported From: 2011-622#Q:\2011 Final Correspondence (Day File)\11-622-SPM.pdf

iHEER System - Documents

Date : May 15, 1995
Document No: 55804
Type: Undetermined
Title: Request for In-Person Hearing and Information and Documents
Imported From: 40196#\Heersharepoint1\facilitiesite%20documents\40196.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 20, 1995
Document No: 182075
Type: Undetermined
Title: Request for Information Honolulu Harbor Petroleum Contaminated Area Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Feb 7, 2007
Document No: 182062
Type: Undetermined
Title: Response Letter to HEER sent January 2, 2007
Imported From:

iHEER System - Documents

Date : Feb 28, 2022
Document No: 183534
Type: Letter from PRP
Title: Response to HDOH HEER File 178989 LC, dated March 9, 2021
Imported From:

iHEER System - Documents

Date : Feb 28, 2022
Document No: 183535
Type: Letter from PRP
Title: Response to HDOH HEER File 178989 LC, dated March 9, 2021_submittal
Imported From:

iHEER System - Documents

Date : Sep 12, 2014
Document No: 55825
Type: Review Letter
Title: Response to Letter: Chuck Jones to Steven Mow, Jun 4, 2014, File No 11-597/ Former Weyerhaeuser Building/900 N Nimitz Highway/Seven-Eleven Hawaii. Inc Premises
Imported From: 2014-453#Q:\2014 Final Correspondence (Day File)\14-453-SPM.pdf

iHEER System - Documents

Date : Oct 17, 2011
Document No: 55847
Type: Undetermined
Title: Response to Letter: Request for Concurrence with Scope of Work to Repair the Soil Vapor Barrier at the 7-Eleven Retail Store, located at 900 N Nimitz Hwy, Honolulu HI, Oct 14, 2011 by ESI
Imported From: 2011-597#Q:\2011 Final Correspondence (Day File)\11-597-MS.pdf

iHEER System - Documents

Date : Jan 26, 2012
Document No: 55824
Type: Review Letter
Title: Response to the Request for Concurrence regarding the sealing of the floors within parcels owned by Ba-Le Sandwiches
Imported From: 2012-036#Q:\2012 Final Correspondence (Day File)\12-036-SPM.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 11, 2011			
Document No:			55845			
Type:			Undetermined			
Title:			Review of EHE, Sep 29, 2011 by ESI			
Imported From:			2011-562#Q:\2011 Final Correspondence (Day File)\11-562-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 26, 2012			
Document No:			55841			
Type:			Undetermined			
Title:			Review of EHE, Sep 29, 2011 by ESI			
Imported From:			2012-038#Q:\2012 Final Correspondence (Day File)\12-038-SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 21, 2016			
Document No:			55797			
Type:			Review Letter			
Title:			Review of EHMP, Island Flooring, Chevron Facility No 374793, 411 Alakawa St, Honolulu Hawaii, Jul 15, 2016			
Imported From:			2016-524#Q:\2016 Final Correspondence (Day File)\16-524 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 16, 2011			
Document No:			55823			
Type:			Undetermined			
Title:			Review of EHMP, Nov 7, 2011 by ESI			
Imported From:			2011-671#Q:\2011 Final Correspondence (Day File)\11-671-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 2, 1994			
Document No:			182073			
Type:			Undetermined			
Title:			Notice of Interest in a Release or Threatened Release of Hazardous Substances			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Jul 12, 2021			
Document No:			180468			
Type:			Letter from PRP			
Title:			Notice to Agency of Change in Contact Information for Chevron Facility No. 374393, Former Unocal Bulk Plant #5235, 900 Nimitz Hwy, Former Weyerhaeuser (Island Flooding / La Tour Plaza), Honolulu, HI, Regulatory Agency Case No. #NA			
Imported From:			i110001 (1).pdf			
<u>iHEER System - Documents</u>						
Date :			Mar 17, 2016			
Document No:			55811			
Type:			Review Letter			
Title:			Review of Floor Sealing Completion Inspection for Island Flooring			
Imported From:			2016-091#Q:\2016 Final Correspondence (Day File)\16-091 SPM.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 16, 2011			
Document No:			55798			
Type:			Undetermined			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		Review of Former Weyerhaeuser Building Soil Vapor Migration Report, Nov 10, 2011 by ESI				
Imported From:		2011-672#Q:\2011 Final Correspondence (Day File)\11-672-MS.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 22, 2012				
Document No:		55834				
Type:		Review Letter				
Title:		Review of Letter: 7-Eleven Retail Store Soil Vapor Barrier Repair, La Tour Plaza 900 N Nimitz Hwy, Honolulu HI, May 7, by ESI				
Imported From:		2012-384#Q:\2012 Final Correspondence (Day File)\12-384-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 19, 2012				
Document No:		55833				
Type:		Undetermined				
Title:		Review of Revised EHMP La Tour Plaza, Mar 1, by ESI				
Imported From:		2012-189#Q:\2012 Final Correspondence (Day File)\12-189-SPM.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 9, 2020				
Document No:		178008				
Type:		Review Letter				
Title:		Review of: EHE				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 30, 2020				
Document No:		174794				
Type:		Review Letter				
Title:		Review of: Large Volume Purge Subslab Vapor Investigation Report, Former Chevron Facility #374793, dated April 7, 2020 by Arcadis U.S., Inc.				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 9, 2021				
Document No:		178989				
Type:		Review Letter				
Title:		Review of: Response to HDOH HEER File #178008LC, dated December 9, 2020, Review of: Environmental Hazard Evaluation, Former Chevron Facility #374793, 888 North Nimitz Highway, Honolulu, Hawaii 96817				
Imported From:		178989 LC.pdf				
<u>iHEER System - Documents</u>						
Date :		Feb 25, 2021				
Document No:		178926				
Type:		Environmental Hazard Evaluation Report				
Title:		Revised EHE/EHMP				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Mar 1, 2012				
Document No:		55843				
Type:		Undetermined				
Title:		Revised EHMP La Tour Plaza 900 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-012-013 and 016, TMK 1-1-5-013-011				
Imported From:		98455#\Heersharepoint1\facilitiesite%20documents\98455.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 1, 2012
Document No: 55831
Type: Undetermined
Title: Revised EHMP La Tour Plaza 900 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-012-013 and 016, TMK 1-1-5-013-011
Imported From: 98878#\Heersharepoint1\facilitiesite%20documents\98878.pdf

iHEER System - Documents

Date : Feb 25, 2021
Document No: 178923
Type: Environmental Hazard Evaluation Report
Title: RTCs EHE/EHMP
Imported From:

iHEER System - Documents

Date : Mar 18, 1996
Document No: 182069
Type: Undetermined
Title: Scope of Services for Site Characterization of the Iwilei Unit of the Honolulu Harbor Area Wide Contamination Project, Hawaii
Imported From:

iHEER System - Documents

Date : May 25, 2010
Document No: 55832
Type: Undetermined
Title: Soil Vapor Mitigation Work Plan, Ba-Le Sandwiches and Bakery and Island Flooring, 900 Nimitz Hwy, Honolulu HI 96817
Imported From: 91231#\Heersharepoint1\facilitiesite%20documents\91231.pdf

iHEER System - Documents

Date : Dec 1, 2006
Document No: 55796
Type: Undetermined
Title: State Site Discovery Effort
Imported From: 122358#\Heersharepoint1\facilitiesite%20documents\122358.pdf

iHEER System - Documents

Date : Dec 1, 2006
Document No: 182060
Type: Undetermined
Title: State Site Discovery Effort and Response Letter
Imported From:

iHEER System - Documents

Date : Oct 7, 1999
Document No: 182084
Type: Undetermined
Title: Summary Table
Imported From:

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jan 30, 1996
Document No: 182071
Type: Undetermined
Title: Thank you Letters to Mr. Wall and Mr. Godbout with upcoming meeting on March 14, 1996
Imported From:

iHEER System - Documents

Date : Jul 28, 2015
Document No: 55815
Type: Undetermined
Title: Transfer of Environmental Consultant Notification, Island Flooring Company, 411 Alakawa St, Honolulu HI
Imported From: 115297#\Heersharepoint1\facilitiesite%20documents\115297.pdf

iHEER System - Documents

Date : Feb 13, 2012
Document No: 55794
Type: Undetermined
Title: Transmittal letter - Environmental Report
Imported From: 98150#\Heersharepoint1\facilitiesite%20documents\98150.pdf

iHEER System - Documents

Date : Feb 25, 2021
Document No: 178924
Type: Environmental Hazard Evaluation Report
Title: Transmittal Letter Updated EHE/EHMP
Imported From:

iHEER System - Documents

Date : Feb 1, 1996
Document No: 182072
Type: Undetermined
Title: Underground Storage Tank Release
Imported From:

iHEER System - Documents

Date : Nov 13, 2020
Document No: 177920
Type: Environmental Hazard Management Plan
Title: Updated EHE/EHMP
Imported From:

iHEER System - Documents

Date : Aug 26, 1991
Document No: 55820
Type: Undetermined
Title: UST Closure, Weyerhaeuser Paper Company, Honolulu HI
Imported From: 40190#\Heersharepoint1\facilitiesite%20documents\40190.pdf

iHEER System - Documents

Date : Aug 13, 1991
Document No: 55819
Type: Undetermined
Title: UST Investigation

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		40195#\Heersharepoint1\facilitiesite%20documents\40195.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 20, 1995				
Document No:		182081				
Type:		Undetermined				
Title:		Weyerhaeuser Company's UST Release Response Report				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Sep 30, 1995				
Document No:		55813				
Type:		Undetermined				
Title:		Weyerhaeuser-Honolulu, UST Release Response Report, Facility ID 9-100743				
Imported From:		40192#\Heersharepoint1\facilitiesite%20documents\40192.pdf				
<u>iHEER System - Documents</u>						
Date :		May 26, 2010				
Document No:		55830				
Type:		Undetermined				
Title:		Work Plan for sealing of the floor				
Imported From:		2010-317#Q:\2010 Final Correspondence (Day File)\10-317-AF.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 9, 2007				
Document No:		55795				
Type:		Site Inspection Report				
Title:		OU2 pipeline work Site visit on 8/8/07				
Imported From:		2007-589#Q:\2007 Final Correspondence (Day File)\07-589-AF-FINAL-D.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 10, 2011				
Document No:		55838				
Type:		Site Characterization Report				
Title:		Project: Weyerhaeuser Building located on 900 N Nimitz Hwy, Honolulu HI 96817				
Imported From:		\facilitiesite documents\media96753\96753 7-11.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 10, 2011				
Document No:		55837				
Type:		Site Characterization Report				
Title:		Project: Weyerhaeuser Building located on 900 N Nimitz Hwy, Honolulu HI 96817				
Imported From:		96753#\Heersharepoint1\facilitiesite%20documents\96753.pdf				
<u>iHEER System - Documents</u>						
Date :		Nov 10, 2011				
Document No:		55839				
Type:		Site Characterization Report				
Title:		Project: Weyerhaeuser Building located on 900 N Nimitz Hwy, Honolulu HI 96817				
Imported From:		\facilitiesite documents\media96753\96753 Bangkok Chef.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :		Mar 11, 1996				
Document No:		182080				
Type:		Undetermined				
Title:		RE : Honolulu Harbor Project, Iwilei Unit Cooperative Wok Group Formation				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Nov 23, 1999				
Document No:		182078				
Type:		Undetermined				
Title:		RE : Iwilei Unit of Honolulu Harbor				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 9, 2001				
Document No:		182064				
Type:		Memo				
Title:		RE : Liability of Weyerhaeuser and Young Brothers in Honolulu Harbor Project				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Apr 25, 1996				
Document No:		182079				
Type:		Undetermined				
Title:		RE : Weyerhaeuser Company FPN: 145013				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		May 7, 2012				
Document No:		55828				
Type:		Undetermined				
Title:		7-Eleven Retail Store Soil Vapor Barrier Repair, La Tour Plaza, 900 N Nimitz Hwy, Honolulu HI 96817				
Imported From:		99381#\Heersharepoint1\facilitiesite%20documents\99381.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 1, 1994				
Document No:		182076				
Type:		Undetermined				
Title:		900 N. Nimitz Photographs				
Imported From:						
<u>iHEER System - Documents</u>						
Date :		Jan 17, 1996				
Document No:		55812				
Type:		Undetermined				
Title:		Advanced Chemical Fingerprinting Study at the Weyerhaeuser Hawaii Facility				
Imported From:		40194#\Heersharepoint1\facilitiesite%20documents\40194.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 22, 1995				
Document No:		182083				
Type:		Undetermined				
Title:		Assessment Letter : Dismissal				
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Sep 29, 2011
Document No: 55827
Type: Environmental Hazard Evaluation Report
Title: Ba-Le Sandwiches and Bakery, 900 N Nimitz Hwy, Honolulu HI, TMK 1-5-012-013 & 1-1-5-013-011, Project No 110043, Sep 29, 2011
Imported From: 96421#\Heersharepoint1\facilitiesite%20documents\96421.pdf

iHEER System - Documents

Date : Oct 1, 2012
Document No: 55836
Type: Undetermined
Title: Cabinet Depot Parcel Use
Imported From: 2012-550#Q:\2012 Final Correspondence (Day File)\12-550-SPM.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 182061
Type: Undetermined
Title: Certified Mail : Honolulu Harbor Contaminated Area
Imported From:

iHEER System - Documents

Date : Feb 24, 2022
Document No: 183181
Type: Letter from PRP
Title: Change of Project Manager
Imported From:

iHEER System - Documents

Date : Feb 24, 2022
Document No: 183183
Type: Letter from PRP
Title: Change of Project Manager_submittal
Imported From:

iHEER System - Documents

Date : Mar 3, 2022
Document No: 183384
Type: E-mail
Title: RE: Questions to File 178989 LC Letter
Imported From:

iHEER System - Documents

Date : Mar 1, 2010
Document No: 55814
Type: Comment Letter
Title: Recommendation for Action
Imported From: 2010-155#Q:\2010 Final Correspondence (Day File)\10-155-AF.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Jan 4, 2007			
Document No:			55799			
Type:			Comment Letter			
Title:			Recommendation for Action			
Imported From:			2007-004#Q:\2007 Final Correspondence (Day File)\07-004-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 23, 2010			
Document No:			55821			
Type:			Undetermined			
Title:			Recommendation for Action and Comments on Limited Phase II ESA for 900 N Nimitz Hwy, Honolulu HI			
Imported From:			2010-137#Q:\2010 Final Correspondence (Day File)\10-137-AF.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 5, 2006			
Document No:			55800			
Type:			Undetermined			
Title:			Recommendation to consolidate file with "Honolulu Harbor Iwilei Working Group" Facility/Site, Operable Unit 2			
Imported From:			2006-206#Q:\2006 Final Correspondence (Day File)\06-206-ES.pdf			
<u>iHEER System - Documents</u>						
Date :			Apr 5, 2006			
Document No:			182063			
Type:			Undetermined			
Title:			Recommendation to Consolidate File with "Honolulu Harbor Iwilei Working Group" Facility/Site, Operable Unit 2			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			May 10, 1995			
Document No:			182082			
Type:			Undetermined			
Title:			Referral of Unregulated Underground Storage Tank Release			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Aug 23, 1996			
Document No:			182066			
Type:			Undetermined			
Title:			Report of the Oil Leakage Control Task Force			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Apr 7, 2020			
Document No:			174647			
Type:			Site Characterization Report			
Title:			Cover Letter - LARGE VOLUME PURGE SUBSLAB VAPOR INVESTIGATION REPORT			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Nov 13, 2020			
Document No:			177919			
Type:			Environmental Hazard Management Plan			
Title:			Cover letter - Updated EHE/EHMP			
Imported From:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Mar 28, 2012
Document No: 55826
Type: Undetermined
Title: Distribution of EHE & EHMP for La Tour Plaza, 900 N Nimitz Hwy, Honolulu HI 96817
Imported From: 2012-198#Q:\2012 Final Correspondence (Day File)\12-198-SPM.pdf

iHEER System - Documents

Date : Sep 29, 2011
Document No: 55840
Type: Undetermined
Title: EHE, Ba-Le Sandwiches and Bakery 900 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-012-013 and 016, TMK 1-1-5-013-011
Imported From: 98877#\Heersharepoint1\facilitysite%20documents\98877.pdf

iHEER System - Documents

Date : Sep 29, 2011
Document No: 55802
Type: Undetermined
Title: EHE, Ba-Le Sandwiches and Bakery, 900 N Nimitz Hwy, Honolulu HI
Imported From: 96309#\Heersharepoint1\facilitysite%20documents\96309.pdf

iHEER System - Documents

Date : Sep 29, 2011
Document No: 55803
Type: Undetermined
Title: EHE, Ba-Le Sandwiches and Bakery, 900 N Nimitz Hwy, Honolulu HI, Sep 29, 2011
Imported From: 96405#\Heersharepoint1\facilitysite%20documents\96405.pdf

iHEER System - Documents

Date : Nov 7, 2011
Document No: 55829
Type: Undetermined
Title: EHMP, Ba-Le Sandwich and Bakery, 900 N Nimitz Hwy, Honolulu HI, Nov 11, 2011
Imported From: 96664#\Heersharepoint1\facilitysite%20documents\96664.pdf

iHEER System - Documents

Date : Jul 15, 2016
Document No: 55805
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\Appendix A - Island Flooring Inspection Form and (3).pdf

iHEER System - Documents

Date : Jul 15, 2016
Document No: 55807
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\Appendix A - Island Flooring Inspection Form and (2).pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jul 15, 2016
Document No: 55809
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\Appendix A - Island Flooring Inspection Form and (5).pdf

iHEER System - Documents

Date : Jul 15, 2016
Document No: 55806
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\Appendix A - Island Flooring Inspection Form and (1).pdf

iHEER System - Documents

Date : Jul 15, 2016
Document No: 55808
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\121233.pdf

iHEER System - Documents

Date : Jul 15, 2016
Document No: 55810
Type: Environmental Hazard Management Plan
Title: EHMP, Island Flooring Company, Weyerhaeuser aka La Tour Plaza, chevron Facility No 374793, 411 Alakawa St, Honolulu HI 96817
Imported From: \facilitysite documents\media121233\Appendix A - Island Flooring Inspection Form and (4).pdf

iHEER System - Documents

Date : Jun 4, 2014
Document No: 55848
Type: Undetermined
Title: File No 11-597 / Former Weyerhaeuser Building, 900 N Nimitz Hwy
Imported From: 110083#\Heersharepoint1\facilitysite%20documents\110083.pdf

iHEER System - Documents

Date : Jul 2, 2013
Document No: 55801
Type: Site Inspection Report
Title: Findings of Site Inspection conducted on Jun 28, 2013
Imported From: 2013-353#Q:2013 Final Correspondence (Day File)\13-353-SPM.pdf

iHEER System - Documents

Date : Nov 10, 2011
Document No: 55844
Type: Response Action Report
Title: Former Weyerhaeuser Building Soil Vapor Mitigation Report, 900 N Nimitz Hwy, Honolulu HI 96817
Imported From: 96684#\Heersharepoint1\facilitysite%20documents\96684.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Dec 18, 1995
Document No: 182070
Type: Undetermined
Title: Honolulu Harbor Areawide Contamination (Iwilei Site)
Imported From:

iHEER System - Documents

Date : Jul 22, 1997
Document No: 182065
Type: Undetermined
Title: Honolulu Harbor Technical Work Group's Initial List of Additional Parties with Potential Liabilities
Imported From:

iHEER System - Documents

Date : Jun 16, 1996
Document No: 182067
Type: Undetermined
Title: Honolulu Harbor Technical Workgroup Meeting Action Items
Imported From:

iHEER System - Documents

Date : Apr 22, 1996
Document No: 182068
Type: Undetermined
Title: Honolulu Harbor, Iwilei Unit Technical Workgroup Meeting
Imported From:

iHEER System - Documents

Date : Oct 11, 2011
Document No: 55835
Type: Undetermined
Title: Indoor Air Sampling for 7-Eleven parcel in Weyerhaeuser Building
Imported From: 2011-560#Q:\2011 Final Correspondence (Day File)\11-560-SPM.pdf

iHEER System - Documents

Date : Sep 7, 1995
Document No: 55822
Type: Undetermined
Title: Information and Documents Access Request
Imported From: 40197#\Heersharepoint1\facilitysite%20documents\40197.pdf

iHEER System - Documents

Date : Jan 5, 2001
Document No: 182077
Type: Undetermined
Title: Iwilei Unit of Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Apr 7, 2020
Document No: 174648
Type: Site Characterization Report
Title: LARGE VOLUME PURGE SUBSLAB VAPOR INVESTIGATION REPORT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From:

iHEER System - Documents

Date : Feb 9, 2010
Document No: 55817
Type: Undetermined
Title: Limited Phase II ESA, 900 N Nimitz Hwy, Honolulu HI, TMK 1-1-5-012-013 and 16, TMK 1-1-5-013-011, Apr 2009
Imported From: 62394#\Heersharepoint1\facilitiesite%20documents\62394.pdf

iHEER System - Documents

Date : Feb 16, 1995
Document No: 182074
Type: Undetermined
Title: Meeting Letter to Larry Cundiff from Steven Armann
Imported From:

iHEER System - Documents

Date : Dec 18, 2009
Document No: 182059
Type: Undetermined
Title: Non Hazardous Waste Manifest
Imported From:

iHEER System - Documents

Date : Jul 5, 2011
Document No: 55842
Type: Notice of Improper Action
Title: Notice of Improper Action
Imported From: 2011-374#Q:\2011 Final Correspondence (Day File)\11-374-SPM.pdf

iHEER System - Locations Details

Locations ID: 5873
Location Type: EHMP
Description: EHMP Weyerhaeuser-Draft
Comment :
Centroid: POINT (-157.87434036138632 21.316592538417204)
Geometry:

POLYGON ((-157.87498303324372 21.317112117165316, -157.8742615190198 21.31743944643614, -157.87360169560085 21.316120130110779, -157.87444122701933 21.315757815787098, -157.8750205841701 21.316949701607673, -157.87498303324372 21.317112117165316))

iHEER System - Locations Details

Locations ID: 5874
Location Type: SC
Description: Weyerhaeuser
Comment :
Centroid: POINT (-157.87434200000004 21.316646999999996)
Geometry:

POINT (-157.87434200000004 21.316646999999996)

Site Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Centroid:		POINT (-157.87434200000004 21.316646999999996)				
Updated On:		3/3/2022 11:05:46 AM				
Coordinates:		21.316646999999996,-157.87434200000004				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit				
<u>iHEER System - Aliases</u>						
Name:		Dole Iwilei				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei Unit OU2				
<u>iHEER System - Aliases</u>						
Name:		Former Chevron Facility #374793				
<u>iHEER System - Aliases</u>						
Name:		115				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		888 N Nimitz Hwy				

298	1 of 1	NW	0.97 / 5,141.32	3.28 / 0	Hawaii Transfer Company Pier 36 Honolulu Harbor Pier 36 Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2627
Site Name (Public iHEER): Hawaii Transfer Company Pier 36
Aliases (Public iHEER): Brownfields Low Priority Site, Hawaii Transfer Company, Ltd Pier 36, Hawaii Transfer Company, Ltd. Pier 36, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1A, SLR 3.2ft Flooding
Street (Public iHEER): Honolulu Harbor Pier 36
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 7/8/2020 2:13:39 PM
Ms Access ID (Public iHEER): 338
Suppl Loc (Public iHEER): Honolulu Harbor Pier 36
Tax Map Keys (Public iHEER): 115034003, 115042008, 115042009, 115042010, 115042011
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2627
Site Name (PORTAL): Hawaii Transfer Company Pier 36
Loc Desc (PORTAL): Honolulu Harbor Pier 36
Address (PORTAL): Honolulu Harbor Pier 36
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2627/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Dec 12, 1989
Document No: 36232
Type: Undetermined
Title: 12/12/1989
Imported From: 83#\Heersharepoint1\facilitiesite%20documents\83.pdf

iHEER System - Documents

Date : Dec 4, 1989
Document No: 36224
Type: Undetermined
Title: 12/4/1989
Imported From: 89#\Heersharepoint1\facilitiesite%20documents\89.pdf

iHEER System - Documents

Date : Mar 16, 1995
Document No: 36233
Type: Undetermined
Title: 3/16/1995
Imported From: 120#\Heersharepoint1\facilitiesite%20documents\120.pdf

iHEER System - Documents

Date : May 25, 1990
Document No: 36235
Type: Undetermined
Title: 5/25/1990
Imported From: 142#\Heersharepoint1\facilitiesite%20documents\142.pdf

iHEER System - Documents

Date : Jun 2, 1999
Document No: 36242
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Additional Site Characterization, Former Hawaii Transfer Facility at Pier 36	
Imported From:					37795#\Heersharepoint1\facilitiesite%20documents\37795.pdf	
<u>iHEER System - Documents</u>						
Date :					May 25, 1990	
Document No:					36239	
Type:					Undetermined	
Title:					Amended ESA Hawaii Transfer Company, Pier 36, Honolulu HI	
Imported From:					37793#\Heersharepoint1\facilitiesite%20documents\37793.pdf	
<u>iHEER System - Documents</u>						
Date :					Mar 16, 1990	
Document No:					36244	
Type:					Undetermined	
Title:					Comments on the ESA Report Dated December 1, 1989	
Imported From:					119#\Heersharepoint1\facilitiesite%20documents\119.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 1, 1989	
Document No:					36236	
Type:					Undetermined	
Title:					ESA Hawaii Transfer Company, Pier 36, Honolulu HI	
Imported From:					37794#\Heersharepoint1\facilitiesite%20documents\37794.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 30, 1999	
Document No:					36237	
Type:					Undetermined	
Title:					Hawaii Transfer Co Ltd, Response to DOH Correspondence, 10/26/99	
Imported From:					549#\Heersharepoint1\facilitiesite%20documents\549.pdf	
<u>iHEER System - Documents</u>						
Date :					Dec 21, 1999	
Document No:					36226	
Type:					Undetermined	
Title:					Hawaii Transfer Co Ltd/Pier 36	
Imported From:					550#\Heersharepoint1\facilitiesite%20documents\550.pdf	
<u>iHEER System - Documents</u>						
Date :					Feb 9, 2000	
Document No:					36238	
Type:					Undetermined	
Title:					Hawaii Transfer Company Ltd, Pier 36, Honolulu, Facility ID 9-100890 / Release ID 900007	
Imported From:					551#\Heersharepoint1\facilitiesite%20documents\551.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 2, 2000	
Document No:					36228	
Type:					Undetermined	
Title:					Honolulu Harbor Contaminated Area - Iwilei Section 08/02/2004	
Imported From:					601#\Heersharepoint1\facilitiesite%20documents\601.pdf	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Aug 31, 2000			
Document No:			36231			
Type:			Undetermined			
Title:			Honolulu Harbor Contaminated Area - Iwilei Section 08/31/2004			
Imported From:			602#\Heersharepoint1\facilitiesite%20documents\602.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 12, 2001			
Document No:			36229			
Type:			Undetermined			
Title:			Honolulu Harbor Working Group			
Imported From:			623#\Heersharepoint1\facilitiesite%20documents\623.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 16, 1995			
Document No:			36251			
Type:			Undetermined			
Title:			Honolulu Harbor: Meeting Invite: 03/03/95			
Imported From:			47185#\Heersharepoint1\facilitiesite%20documents\47185.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 16, 1995			
Document No:			36249			
Type:			Undetermined			
Title:			Honolulu Harbor: Request for Information 1995			
Imported From:			47186#\Heersharepoint1\facilitiesite%20documents\47186.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 26, 1999			
Document No:			36240			
Type:			Undetermined			
Title:			Honolulu Harbor: Request for Information 1999			
Imported From:			49003#\Heersharepoint1\facilitiesite%20documents\49003.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 13, 2000			
Document No:			36234			
Type:			Undetermined			
Title:			Honolulu Harbor: Request for Information 2000			
Imported From:			49421#\Heersharepoint1\facilitiesite%20documents\49421.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 1996			
Document No:			36248			
Type:			Undetermined			
Title:			Information No Longer CONFIDENTIAL			
Imported From:			47580#\Heersharepoint1\facilitiesite%20documents\47580.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 1, 1999			
Document No:			36250			
Type:			Undetermined			
Title:			Medium Priority Ranking Letter			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		48766#\Heersharepoint1\facilitiesite%20documents\48766.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 16, 1995				
Document No:		36230				
Type:		Undetermined				
Title:		Proposal for Closure Sampling at Pier 36 Facility				
Imported From:		955#\Heersharepoint1\facilitiesite%20documents\955.pdf				
<u>iHEER System - Documents</u>						
Date :		Aug 5, 1993				
Document No:		36223				
Type:		Undetermined				
Title:		regarding 10/92 Technical Report for Hawaii Transfer's Pier 36 lot				
Imported From:		47187#\Heersharepoint1\facilitiesite%20documents\47187.pdf				
<u>iHEER System - Documents</u>						
Date :		May 25, 1990				
Document No:		36245				
Type:		Undetermined				
Title:		Response to Comments ESA Hawaii Transfer Company Letter No U0317CW, 3/16/90				
Imported From:		1156#\Heersharepoint1\facilitiesite%20documents\1156.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 10, 1990				
Document No:		36246				
Type:		Undetermined				
Title:		Site Assessment Report Work Order 89-0002 Dated December 1, 1989				
Imported From:		127#\Heersharepoint1\facilitiesite%20documents\127.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 30, 1992				
Document No:		36247				
Type:		Undetermined				
Title:		Site Investigation - Soil and Groundwater Hawaii Transfer Co Ltd - Pier 36, Honolulu HI				
Imported From:		37796#\Heersharepoint1\facilitiesite%20documents\37796.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 7, 1999				
Document No:		36243				
Type:		Undetermined				
Title:		Summary Table				
Imported From:		127369#\Heersharepoint1\facilitiesite%20documents\127369.pdf				
<u>iHEER System - Documents</u>						
Date :		Jan 31, 2000				
Document No:		36241				
Type:		Undetermined				
Title:		Termination of Revocable Permit Nos. H-279 and H-81-962, Pier 36, Honolulu Harbor, Oahu				
Imported From:		1353#\Heersharepoint1\facilitiesite%20documents\1353.pdf				
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Jun 25, 1991
Document No: 36225
Type: Undetermined
Title: UST Removal at Hawaii Transfer Company, Pier 36, Honolulu HI. Facility ID 9-100890
Imported From: 1420#\Heersharepoint1\facilitiesite%20documents\1420.pdf

iHEER System - Documents

Date : Feb 4, 2000
Document No: 36227
Type: Undetermined
Title: UST Removal for Hawaii Transfer Co Ltd at Pier 36
Imported From: 1418#\Heersharepoint1\facilitiesite%20documents\1418.pdf

iHEER System - Documents

Date : Jun 29, 1999
Document No: 36222
Type: Undetermined
Title: UST Removal for Hawaii Transfer Co Ltd at Pier 36
Imported From: 1417#\Heersharepoint1\facilitiesite%20documents\1417.pdf

iHEER System - Locations Details

Locations ID: 938
Location Type: SC
Description: Hawaii Transfer Co-Former
Comment : Google Maps and Doc 36236
Centroid: POINT (-157.877351 21.317167999999995)
Geometry:

POINT (-157.877351 21.317167999999995)

Site Details

Centroid: POINT (-157.877351 21.317167999999995)
Updated On: 7/8/2020 2:13:39 PM
Coordinates: 21.317167999999995,-157.877351

iHEER System - Aliases

Name: Hawaii Transfer Company, Ltd Pier 36

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU1A

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Hawaii Transfer Company, Ltd. Pier 36

iHEER System - Aliases

Name: Brownfields Low Priority Site

299	1 of 1	SE	0.98 / 5,168.97	3.28 / 0	Ward Center Parking Lot 1118 Ala Moana Blvd Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 2403
Site Name (Public iHEER): Ward Center Parking Lot
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Medium Priority Site, HEER Case No. 20121211-1200, Waiea
Street (Public iHEER): 1118 Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/9/2021 11:58:12 AM
Ms Access ID (Public iHEER): 2478
Suppl Loc (Public iHEER): 1118 Ala Moana Blvd, Honolulu, HI 96814
Tax Map Keys (Public iHEER): 123001001, 123001127
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2403
Site Name (PORTAL): Ward Center Parking Lot
Loc Desc (PORTAL): 1118 Ala Moana Blvd, Honolulu, HI 96814
Address (PORTAL): 1118 Ala Moana Blvd
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2403/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)

iHEER System - Documents

Date : Jan 21, 2015
Document No: 158919
Type: No Further Action Determination Letter
Title: No Further Action Determination based upon review of: Revised Ward Center 2014 Soil Removal Oversight and Sampling Investigation, Ward Center Parking Lot, Auahi Street and Kamakee Street, 1118 Ala Moana Boulevard, Honolulu Hawaii dated January 14, 2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		2015-036#Q:\2015 Final Correspondence (Day File)\15-036-JQN.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 4, 2013					
Document No:	158918					
Type:	Undetermined					
Title:	Release Notification Follow-Up Report Case ID 20121211-1200					
Imported From:	102155#\Heersharepoint1\facilitiesite%20documents\102155.pdf					
<u>iHEER System - Documents</u>						
Date :	Dec 30, 2014					
Document No:	158923					
Type:	Undetermined					
Title:	Review of "Ward Center 2014 Soil Removal Oversight and Sampling Investigation, Ward Center parking Lot, Auahi Street and Kamakee St, Honolulu Hawaii", Sep 11, 2014, by Arcadis					
Imported From:	2014-643#Q:\2014 Final Correspondence (Day File)\14-643-JQN.pdf					
<u>iHEER System - Documents</u>						
Date :	Apr 21, 2014					
Document No:	158917					
Type:	Undetermined					
Title:	Review of: "Ward Center 2013 Soil and Groundwater Investigation" and "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, by Arcadis					
Imported From:	2014-170#Q:\2014 Final Correspondence (Day File)\14-170-JQN.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 25, 2014					
Document No:	158925					
Type:	Undetermined					
Title:	Review of: "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, Revised Jun 25, 2014, by Arcadis					
Imported From:	\facilitiesite documents\media110214\110214EnvironmentalHealthSpecialist\vdHazardousChemicalInformationResourceManager.doc					
<u>iHEER System - Documents</u>						
Date :	Jun 25, 2014					
Document No:	158927					
Type:	Undetermined					
Title:	Review of: "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, Revised Jun 25, 2014, by Arcadis					
Imported From:	\facilitiesite documents\media110214\110214EnvironmentalHealthSpecialist\vdHazardousChemicalInformationResourceManager.pdf					
<u>iHEER System - Documents</u>						
Date :	Jun 25, 2014					
Document No:	158929					
Type:	Undetermined					
Title:	Review of: "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, Revised Jun 25, 2014, by Arcadis					
Imported From:	2014-314#Q:\2014 Final Correspondence (Day File)\14-314-JQN.pdf					
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date :		Jun 25, 2014				
Document No:		158926				
Type:		Undetermined				
Title:		Review of: "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, Revised Jun 25, 2014, by Arcadis				
Imported From:		\\facilitysite documents\media110214\110214EnvironmentalHealthSpecialist\vcHazardousChemicalInformationResourceManager.doc				
 <u>iHEER System - Documents</u>						
Date :		Jun 25, 2014				
Document No:		158926				
Type:		Undetermined				
Title:		Review of: "Work Plan, Ward Center Soil Removal Oversight and Sampling Investigation", Mar 4, 2014, Revised Jun 25, 2014, by Arcadis				
Imported From:		\\facilitysite documents\media110214\110214EnvironmentalHealthSpecialist\vaHazardousChemicalInformationResourceManager.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jun 30, 2014				
Document No:		158924				
Type:		Undetermined				
Title:		Review of: Letter regarding "Soil Management Plan-Soil Cuttings from auger pressure grouted pile installation Waiea Development-1240 Ala Moana Blvd, Honolulu Hawaii", Jun 27, 2014, by Arcadis				
Imported From:		2014-323#Q:\2014 Final Correspondence (Day File)\14-323-JQN.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jan 14, 2015				
Document No:		158922				
Type:		Undetermined				
Title:		Revisions and Comments Regarding your letter, Dec 30, 2014, Review of Ward Center 2014 Soil Removal Oversight and Sampling Investigation, Ward Center Parking Lot, Auahi St and Kamakee St, Honolulu HI				
Imported From:		\\facilitysite documents\media113325\2014 investigation report - REVISED - 01142015.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jan 14, 2015				
Document No:		158921				
Type:		Undetermined				
Title:		Revisions and Comments Regarding your letter, Dec 30, 2014, Review of Ward Center 2014 Soil Removal Oversight and Sampling Investigation, Ward Center Parking Lot, Auahi St and Kamakee St, Honolulu HI				
Imported From:		\\facilitysite documents\media113325\ARCADIS Cover letter response to DOH_HH.pdf				
 <u>iHEER System - Documents</u>						
Date :		Jun 27, 2014				
Document No:		158933				
Type:		Undetermined				
Title:		Soil Management Plan, Soil Cuttings from Auger Pressure Grouted Pile Installation Waiea Development - 1240 Ala Moana Blvd, Honolulu HI				
Imported From:		110272#\Heersharepoint1\facilitysite%20documents\110272.pdf				
 <u>iHEER System - Documents</u>						
Date :		Sep 11, 2014				
Document No:		158920				
Type:		Undetermined				
Title:		Ward Center 2014 Soil Removal Oversight and Sampling Investigation, Ward Center Parking Lot, Auahi St and				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: Kamakee St, Honolulu HI
111094#\Heersharepoint1\facilitsite%20documents\111094.pdf

iHEER System - Documents

Date : Mar 4, 2014
Document No: 158930
Type: Undetermined
Title: Ward Center Parking Lot - Case ID 20121211-1200, Ward Center 2013 Soil and Groundwater Investigation, Ward Center Parking Lot, Auahi St and Kamakee St, Honolulu HI
Imported From: 109124#\Heersharepoint1\facilitsite%20documents\109124.pdf

iHEER System - Documents

Date : Mar 4, 2014
Document No: 158934
Type: Undetermined
Title: Ward Center Parking Lot - Case ID 20121211-1200, Work Plan Ward Center Soil Removal Oversight and Sampling Investigation
Imported From: 109125#\Heersharepoint1\facilitsite%20documents\109125.pdf

iHEER System - Documents

Date : Jun 25, 2014
Document No: 158932
Type: Undetermined
Title: Ward Center Soil Removal Work Plan, DOH Comment Response Matrix
Imported From: 110226#\Heersharepoint1\facilitsite%20documents\110226.pdf

iHEER System - Documents

Date : Jun 25, 2014
Document No: 158931
Type: Undetermined
Title: Work Plan Ward Center Soil Removal Oversight and Sampling Investigation Ward Center Parking Lot, Auahi St and Kamakee St, Honolulu HI 96814
Imported From: 110225#\Heersharepoint1\facilitsite%20documents\110225.pdf

iHEER System - Locations Details

Locations ID: 3179
Location Type: SC
Description: Release location
Comment : Placed by RPM
Centroid: POINT (-157.853594 21.293720000000025)
Geometry:

POINT (-157.853594 21.293720000000025)

iHEER System - Locations Details

Locations ID: 6166
Location Type: SB
Description: Excavation area
Comment : Placed by RPM
Centroid: POINT (-157.85359225882507 21.293718534566125)
Geometry:

POLYGON ((-157.85356977662224 21.293754949486939, -157.85362342080404 21.293782439549428, -157.85366365393813 21.293709965738223, -157.85356172999005 21.293654985581846, -157.85351881464823 21.293724960322386, -157.85352149685593 21.293722461225411, -157.85356977662224 21.293754949486939))

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site Details

Centroid: POINT (-157.853594 21.293720000000025)
Updated On: 8/9/2021 11:58:12 AM
Coordinates: 21.293720000000025,-157.853594

iHEER System - Aliases

Name: Brownfields Medium Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Waiea

iHEER System - Aliases

Name: HEER Case No. 20121211-1200

300	1 of 1	NNE	0.98 / 5,198.93	39.37 / 36	Hall Mark Dry Cleaners 1470 Liliha St Honolulu HI 96814	SHWS
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iHEER ID (Public iHEER): 1990
Site Name (Public iHEER): Hall Mark Dry Cleaners
Aliases (Public iHEER): Brownfields Closed Incomplete Characterization, Brownfields Dry Cleaning Facilities, Honolulu High-Capacity Transit Corridor Project, UST Facility ID 9-101378
Street (Public iHEER): 1470 Liliha St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 7/10/2020 6:23:07 PM
Ms Access ID (Public iHEER): 302
Suppl Loc (Public iHEER): 1470 Liliha St
Tax Map Keys (Public iHEER): 117033045
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1990
Site Name (PORTAL): Hall Mark Dry Cleaners
Loc Desc (PORTAL): 1470 Liliha St
Address (PORTAL): 1470 Liliha St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA - UNCONFIRMED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#/site/1990/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
<u>iHEER System - Documents</u>						
Date :		Oct 8, 1998				
Document No:		14641				
Type:		Undetermined				
Title:		ISST Site Screening Sheet				
Imported From:		2009-670#Q:\2009 Final Correspondence (Day File)\09-670-RP.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 14, 1989				
Document No:		11528				
Type:		Undetermined				
Title:		Letter to Mr. Dean Sasaki of Hall Mark Dry Cleaners with OK to abandon diesel heating fuel UST				
Imported From:		61230#\Heersharepoint1\facilitysite%20documents\61230.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 12, 2015				
Document No:		11525				
Type:		Undetermined				
Title:		Opportunity to Present Your Property via the Hawaii Brownfields Inventory Project				
Imported From:		2015-275#Q:\2015 Final Correspondence (Day File)\15-275-MGC.pdf				
<u>iHEER System - Documents</u>						
Date :		Sep 11, 1997				
Document No:		11530				
Type:		Undetermined				
Title:		Referral of heating oil UST release				
Imported From:		2119#\Heersharepoint1\facilitysite%20documents\2119.pdf				
<u>iHEER System - Documents</u>						
Date :		Mar 29, 1989				
Document No:		11527				
Type:		Undetermined				
Title:		To C&C Fire Department for permission to abandon diesel heating oil UST				
Imported From:		61231#\Heersharepoint1\facilitysite%20documents\61231.pdf				
<u>iHEER System - Documents</u>						
Date :		Apr 23, 1996				
Document No:		11526				
Type:		Undetermined				
Title:		UST Closure Report, Hall Mark Dry Cleaners, DOH Facility ID 9-101378, LF2982.01				
Imported From:		37717#\Heersharepoint1\facilitysite%20documents\37717.pdf				
<u>iHEER System - Documents</u>						
Date :		May 21, 1991				
Document No:		11529				
Type:		Undetermined				
Title:		UST Closures and the Discovery of Soil Contamination at Hall Mark Cleaners, 1470 Liliha St, Honolulu HI				
Imported From:		98118#\Heersharepoint1\facilitysite%20documents\98118.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Locations Details

Locations ID: 1628
Location Type: SC
Description: Hall Mark Dry Cleaners
Comment : Placed by RPM
Centroid: POINT (-157.861086 21.320920000000008)
Geometry:

POINT (-157.861086 21.320920000000008)

iHEER System - Locations Details

Locations ID: 5859
Location Type: SB
Description: Hall Mark Dry Cleaners
Comment : Placed by RPM
Centroid: POINT (-157.86108788109141 21.320924057475651)
Geometry:

POLYGON ((-157.8611151779094 21.320917775264487, -157.86107762698305 21.320947758878248, -157.86106153372759 21.320927769802523, -157.86109640244621 21.320902783454891, -157.86109640244621 21.320902783454891, -157.86109640244621 21.32090028482023, -157.8611151779094 21.320917775264487))

Site Details

Centroid: POINT (-157.861086 21.320920000000008)
Updated On: 7/10/2020 6:23:07 PM
Coordinates: 21.320920000000008,-157.861086

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields Dry Cleaning Facilities

iHEER System - Aliases

Name: Brownfields Closed Incomplete Characterization

iHEER System - Aliases

Name: UST Facility ID 9-101378

301	1 of 1	SE	0.99 / 5,208.26	3.28 / 0	Spuds Dry Cleaners 1065 Waimanu St Honolulu HI	SHWS
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iHEER ID (Public iHEER): 9
Site Name (Public iHEER): Spuds Dry Cleaners
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): 1065 Waimanu St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status (Public iHEER):		Assessment				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		Consultation				
Assigned Rpm (Public iHEER):		TRUE				
Is Public (Public iHEER):		5/30/2019 8:35:41 PM				
Updated on (Public iHEER):		3303				
Ms Access ID (Public iHEER):		1065 Waimanu St				
Suppl Loc (Public iHEER):		123003037				
Tax Map Keys (Public iHEER):		9				
iHEER ID (Non Public iHEER):		Spuds Dry Cleaners				
Site Name (Non Public iHEER):		1065 Waimanu St				
Address (Non Public iHEER):		1065 Waimanu St				
City State Zip (Non Public):		Honolulu, HI —				
Suppl Loc Text(Non Public):		Honolulu				
iHEER ID (PORTAL):		Oahu				
Site Name (PORTAL):		ASSESSMENT				
Loc Desc (PORTAL):		Unranked				
Address (PORTAL):		HEER Office				
County (PORTAL):		Consultation				
Island (PORTAL):		Laura Young				
Status (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer#!/site/9/details/view				
Priority (PORTAL):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				
Lead Agency (PORTAL):						
Program (PORTAL):						
Assigned Rpm (PORTAL):						
Details URL (PORTAL):						
Data Source(s):						

iHEER System - Locations Details

Locations ID:	3415
Location Type:	SC
Description:	1065 Waimanu Street
Comment :	Google Maps
Centroid:	POINT (-157.851169 21.295688999999989)
Geometry:	

POINT (-157.851169 21.295688999999989)

Site Details

Centroid:	POINT (-157.851169 21.295688999999989)
Updated On:	5/30/2019 8:35:41 PM
Coordinates:	21.295688999999989,-157.851169

iHEER System - Aliases

Name:	1% flood risk with SLR 3.2ft
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<u>302</u>	1 of 1	NW	0.99 / 5,219.73	3.28 / 0	Hawaiian Cement Lease Areas Piers 33 and 34 Honolulu Harbor Pier 33 and 34 Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER):	2628
Site Name (Public iHEER):	Hawaiian Cement Lease Areas Piers 33 and 34
Aliases (Public iHEER):	Brownfields Received a Restricted NFA, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, SLR 3.2ft Flooding
Street (Public iHEER):	Honolulu Harbor Pier 33 and 34
City (Public iHEER):	Honolulu
State (Public iHEER):	HI
Zip (Public iHEER):	96817
County (Public iHEER):	Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Status (Public iHEER):		NFAIC				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		2/10/2020 12:04:34 PM				
Ms Access ID (Public iHEER):		1870				
Suppl Loc (Public iHEER):		Honolulu Harbor Pier 33 and 34				
Tax Map Keys (Public iHEER):		115034004, 115034008, 115036001, 115036002				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2628				
Site Name (PORTAL):		Hawaiian Cement Lease Areas Piers 33 and 34				
Loc Desc (PORTAL):		Honolulu Harbor Pier 33 and 34				
Address (PORTAL):		Honolulu Harbor Pier 33 and 34 Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		NFA W/ICS				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2628/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Documents

Date : Sep 29, 2008
Document No: 15222
Type: Undetermined
Title: Surface Soil Sampling Activities, Hawaiian Cement Lease Areas, Piers 33 & 34, Honolulu Harbor, Oahu HI
Imported From: 58651#\Heersharepoint1\facilitiesite%20documents\58651.pdf

iHEER System - Documents

Date : Jan 7, 2010
Document No: 135384
Type: Undetermined
Title: City & County of Honolulu - Parcels & Zoning
Imported From: 120891#\Heersharepoint1\facilitiesite%20documents\120891.pdf

iHEER System - Documents

Date : Mar 18, 2010
Document No: 135386
Type: Environmental Hazard Management Plan
Title: EHMP for the Hawaiian Cement Lease Areas, Piers 33 & 34, Honolulu Harbor, Oahu HI, Mar 2010
Imported From: 62719#\Heersharepoint1\facilitiesite%20documents\62719.pdf

iHEER System - Documents

Date : Apr 6, 2010
Document No: 135385
Type: No Further Action Determination w/ ICs Letter
Title: No Further Action with Institutional Controls Determination at Hawaiian Cement Lease Areas Pier 33 and 34, Honolulu HI 96817
Imported From: 2010-229#Q:2010 Final Correspondence (Day File)\10-229-AF.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Jan 25, 2010
Document No: 135381
Type: Undetermined
Title: Review of "Revised Surface Soil Sampling Activities Report, Hawaiian Cement Lease Areas, Pier 33 & 34, Honolulu Harbor", Jan 22, 2010, prepared by EnviroServices & Training Center LLC
Imported From: 2010-065#Q:\2010 Final Correspondence (Day File)\10-065-AF.pdf

iHEER System - Documents

Date : Jan 22, 2010
Document No: 135382
Type: Undetermined
Title: Revised Surface Soil Sampling Activities Report for the Hawaiian Cement Lease Areas, Piers 33 & 34, Honolulu Harbor
Imported From: 120889#\Heersharepoint1\facilitiesite%20documents\120889.pdf

iHEER System - Documents

Date : Jan 6, 2010
Document No: 135383
Type: Undetermined
Title: Revised Surface Soil sampling Activities Report Hawaiian Cement Lease Areas, Piers 33 & 34, Honolulu Harbor, Oahu HI
Imported From: 120890#\Heersharepoint1\facilitiesite%20documents\120890.pdf

iHEER System - Documents

Date : Dec 8, 2009
Document No: 13737
Type: Undetermined
Title: Revised Surface Soil Sampling Activities Report, Hawaiian Cement Lease Areas, Piers 33 & 34
Imported From: 61820#\Heersharepoint1\facilitiesite%20documents\61820.pdf

iHEER System - Documents

Date : Nov 25, 2009
Document No: 26507
Type: Undetermined
Title: Revised Surface Soil Sampling Activities Report, Hawaiian Cement Lease Areas, Piers 33 & 34, Honolulu Harbor, Oahu HI
Imported From: 62082#\Heersharepoint1\facilitiesite%20documents\62082.pdf

iHEER System - Locations Details

Locations ID: 1419
Location Type: SC
Description: Hawaiian Cement Lease
Comment : Google Earth and Doc 15222
Centroid: POINT (-157.876713 21.314663)
Geometry:

POINT (-157.876713 21.314663)

iHEER System - Locations Details

Locations ID: 7647
Location Type: NFAIC
Description: NFAIC Piers 33 and 34
Comment : Google Maps and Doc 135386

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Centroid: POINT (-157.87674226797452 21.314872419462098)
Geometry:

POLYGON ((-157.87642466252967 21.314705478593687, -157.87691282457226 21.314560551575624, -157.87693696445095 21.314598032714521, -157.87699329084049 21.314705478593687, -157.87700670188818 21.3147479571753, -157.87702011292686 21.314805428178371, -157.8770281595591 21.314867896633714, -157.87703352397457 21.314927866326176, -157.87702279513462 21.314992833465528, -157.87701474851141 21.315035311964014, -157.8770013374637 21.315062798045126, -157.87654536193196 21.315192732174825, -157.87642466252967 21.314705478593687))

Site Details

Centroid: POINT (-157.876713 21.314663)
Updated On: 2/10/2020 12:04:34 PM
Coordinates: 21.314663,-157.876713

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

303	1 of 1	NNW	1.00 / 5,260.51	3.28 / 0	Costco Gas Station 500 Alakawa St Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 1427
Site Name (Public iHEER): Costco Gas Station
Aliases (Public iHEER): Brownfields Received a Restricted NFA, Honolulu Harbor
Street (Public iHEER): 500 Alakawa St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): VRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/28/2020 11:13:00 AM
Ms Access ID (Public iHEER): 163
Suppl Loc (Public iHEER): 500 Alakawa St
Tax Map Keys (Public iHEER): 115015002
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1427
Site Name (PORTAL): Costco Gas Station
Loc Desc (PORTAL): 500 Alakawa St
Address (PORTAL): 500 Alakawa St
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): VRP
Assigned Rpm (PORTAL): Sven Lindstrom
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1427/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 28, 2003
Document No: 4553
Type: Undetermined
Title: Application for an UST Permit, New Costco Gasoline Station, 520 Alakawa St, Honolulu Hawaii, Permit No P-2003-4 / Facility ID 9-103315
Imported From: 126019#\Heersharepoint1\facilitiesite%20documents\126019.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 4601
Type: Concurrence Letter
Title: Approval of the RAAR for the Gas Station site
Imported From: 2006-033#Q:\2006 Final Correspondence (Day File)\06-033-MS.pdf

iHEER System - Documents

Date : Apr 25, 2005
Document No: 4597
Type: Undetermined
Title: Costco Gas Station RI
Imported From: 126026#\Heersharepoint1\facilitiesite%20documents\126026.pdf

iHEER System - Documents

Date : Dec 17, 2004
Document No: 4583
Type: Remedial Investigation Report
Title: Costco Gas Station Site Remedial Investigation Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 36834#\Heersharepoint1\facilitiesite%20documents\36834.pdf

iHEER System - Documents

Date : Dec 17, 2004
Document No: 4609
Type: Undetermined
Title: Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 2352#\Heersharepoint1\facilitiesite%20documents\2352.pdf

iHEER System - Documents

Date : Nov 6, 2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document No:			4570			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program 3rd Quarter 2006 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36846#\Heersharepoint1\facilitysite%20documents\36846.pdf			
<u>iHEER System - Documents</u>						
Date :			May 4, 2006			
Document No:			4614			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program, 1st Quarter 2006 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36841#\Heersharepoint1\facilitysite%20documents\36841.pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 27, 2006			
Document No:			4577			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program, 2nd Quarter 2006 Status Report Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36842#\Heersharepoint1\facilitysite%20documents\36842.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 10, 2008			
Document No:			4568			
Type:			Monitoring Report			
Title:			Costco Groundwater Monitoring Program, 2nd Quarter 2008 Status Report, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36847#\Heersharepoint1\facilitysite%20documents\36847.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 2003			
Document No:			4594			
Type:			Undetermined			
Title:			Costco Wholesale Corporation Voluntary Response Program Agreement			
Imported From:			126021#\Heersharepoint1\facilitysite%20documents\126021.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 6, 2006			
Document No:			4600			
Type:			Undetermined			
Title:			Costco-Iwilei-VRP			
Imported From:			5436#\Heersharepoint1\facilitysite%20documents\5436.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 13, 2006			
Document No:			4589			
Type:			Undetermined			
Title:			Costco-Iwilei-VRP			
Imported From:			5357#\Heersharepoint1\facilitysite%20documents\5357.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 31, 2003			
Document No:			4591			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		Undetermined				
Title:		Daily Field Reports				
Imported From:		\facilitysite documents\media126028\September 2003.PDF				
<u>iHEER System - Documents</u>						
Date :		Oct 31, 2003				
Document No:		4590				
Type:		Undetermined				
Title:		Daily Field Reports				
Imported From:		\facilitysite documents\media126028\October 2003.PDF				
<u>iHEER System - Documents</u>						
Date :		May 15, 2006				
Document No:		4571				
Type:		Response Action Memorandum				
Title:		Draft RAM Costco Warehouse and Gas Station Site 520 and 525 Alakawa St, Iwilei, Honolulu HI				
Imported From:		36840#\Heersharepoint1\facilitysite%20documents\36840.pdf				
<u>iHEER System - Documents</u>						
Date :		May 15, 2006				
Document No:		4585				
Type:		Undetermined				
Title:		Draft RAM Costco Warehouse and Gas Station Site 520 and 525 Alakawa St, Iwilei, Honolulu HI				
Imported From:		4431#\Heersharepoint1\facilitysite%20documents\4431.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 5, 2003				
Document No:		4575				
Type:		Undetermined				
Title:		Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI				
Imported From:		36837#\Heersharepoint1\facilitysite%20documents\36837.pdf				
<u>iHEER System - Documents</u>						
Date :		Jun 5, 2003				
Document No:		4576				
Type:		Undetermined				
Title:		Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI				
Imported From:		\facilitysite documents\media36837\36837.pdf				
<u>iHEER System - Documents</u>						
Date :		Dec 19, 2003				
Document No:		4610				
Type:		Undetermined				
Title:		Environmental Sampling and Construction Management Letter Report, Costco Gas Station Site				
Imported From:		126023#\Heersharepoint1\facilitysite%20documents\126023.pdf				
<u>iHEER System - Documents</u>						
Date :		Oct 16, 2006				
Document No:		4582				
Type:		Response Action Memorandum				
Title:		Final RAM Costco Warehouse and Gas Station Site at 520 and 525 Alakawa St, Iwilei, Honolulu HI				
Imported From:		36844#\Heersharepoint1\facilitysite%20documents\36844.pdf				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Oct 17, 2006
Document No: 16306
Type: Undetermined
Title: Final RAM for Costco Warehouse and Gas Station Site at 520 and 525 Alakawa St
Imported From: 5463#\Heersharepoint1\facilitysite%20documents\5463.pdf

iHEER System - Documents

Date : Feb 19, 2002
Document No: 4574
Type: Undetermined
Title: First Draft Work Plan Proposed Costco Gas Station Site Follow-Up Investigation Iwilei, Honolulu HI
Imported From: 36824#\Heersharepoint1\facilitysite%20documents\36824.pdf

iHEER System - Documents

Date : Feb 2, 2002
Document No: 4606
Type: Undetermined
Title: Follow-Up Phase II Site Investigation for the Sprint Lot and Re-Investigation of Lot 7
Imported From: 46#\Heersharepoint1\facilitysite%20documents\46.pdf

iHEER System - Documents

Date : Feb 21, 2001
Document No: 4569
Type: Phase II Environmental Site Assessment
Title: Phase II Environmental Site Investigation, Proposed Costco Gas Station Site and Sprint Parking Lot, Castle & Cooke Properties Inc, Honolulu HI, TMK 1-1-5-015-002 & 1-1-5-015-013 (por)
Imported From: 36829#\Heersharepoint1\facilitysite%20documents\36829.pdf

iHEER System - Documents

Date : Jun 17, 2002
Document No: 4563
Type: Undetermined
Title: Proposed Costco Gas Station Site Follow-Up Site Investigation Report
Imported From: 36828#\Heersharepoint1\facilitysite%20documents\36828.pdf

iHEER System - Documents

Date : Jun 17, 2002
Document No: 4564
Type: Undetermined
Title: Proposed Costco Gas Station Site Follow-Up Site Investigation Report
Imported From: \facilitysite documents\media36828\36828.pdf

iHEER System - Documents

Date : Aug 17, 2006
Document No: 4598
Type: Undetermined
Title: Records for Public Review
Imported From: 5199#\Heersharepoint1\facilitysite%20documents\5199.pdf

iHEER System - Documents

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date :			Oct 25, 2005			
Document No:			4615			
Type:			Undetermined			
Title:			Remedial Alternative Analysis Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI			
Imported From:			3266#\Heersharepoint1\facilitiesite%20documents\3266.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 10, 2006			
Document No:			4607			
Type:			Undetermined			
Title:			Remedial Alternative Analysis Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI			
Imported From:			3566#\Heersharepoint1\facilitiesite%20documents\3566.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 25, 2005			
Document No:			4572			
Type:			Remedial Alternatives Analysis Report			
Title:			Remedial Alternative Analysis Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36839#\Heersharepoint1\facilitiesite%20documents\36839.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 26, 2004			
Document No:			4581			
Type:			Review Letter			
Title:			Response to monitoring well Work Plan at the gas station			
Imported From:			2004-029#Q:\2004 Final Correspondence (Day File)\04-029-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Jan 26, 2004			
Document No:			4580			
Type:			Review Letter			
Title:			Response to monitoring well Work Plan at the gas station			
Imported From:			50886#\Heersharepoint1\facilitiesite%20documents\50886.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 30, 2005			
Document No:			4552			
Type:			Review Letter			
Title:			Review and approval of Second Revised Gas Station RI			
Imported From:			2005-322#Q:\2005 Final Correspondence (Day File)\05-322-MS.pdf			
<u>iHEER System - Documents</u>						
Date :			Aug 28, 2006			
Document No:			4555			
Type:			Review Letter			
Title:			Review of 2nd Quarter groundwater Monitoring Report			
Imported From:			2006-521#Q:\2006 Final Correspondence (Day File)\06-521-MS (2).pdf			
<u>iHEER System - Documents</u>						
Date :			Jul 2, 2002			
Document No:			4554			
Type:			Review Letter			
Title:			Review of Follow-Up Site Investigation Costco Gas Station			
Imported From:			50240#\Heersharepoint1\facilitiesite%20documents\50240.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Apr 25, 2005
Document No: 4599
Type: Review Letter
Title: Review of Revised Costco Gas Station Site Remedial Investigation Report (Mar 05) by Brewer Environmental services
Imported From: 2005-210#Q:\2005 Final Correspondence (Day File)\05-210-MS.pdf

iHEER System - Documents

Date : Jan 27, 2016
Document No: 4588
Type: Review Letter
Title: Review of Soil and Groundwater Management Plan Pursuant to LOC dated 3/27/2008 Gas Station Expansion Construction Dewatering and Soil Removal, Costco Iwilei Gas Station Site
Imported From: 2016-036#Q:\2016 Final Correspondence (Day File)\16-036-SPM.pdf

iHEER System - Documents

Date : Mar 11, 2002
Document No: 4573
Type: Review Letter
Title: Review of Work Plan Costco Gas Station
Imported From: 2002-047#Q:\2002 Final Correspondence (Day File)\02-047-MS.pdf

iHEER System - Documents

Date : Mar 11, 2002
Document No: 4596
Type: Review Letter
Title: Review of Work Plan, Proposed Costco Gas Station Site, Follow-up Site Investigation, Iwilei, Honolulu, Oahu, Hawaii dated Feb 19, 2002
Imported From: 126008#\Heersharepoint1\facilitiesite%20documents\126008.pdf

iHEER System - Documents

Date : Mar 22, 2005
Document No: 4565
Type: Undetermined
Title: Revised Costco Gas Station Site Remedial Investigation Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 2686#\Heersharepoint1\facilitiesite%20documents\2686.pdf

iHEER System - Documents

Date : Mar 22, 2005
Document No: 4558
Type: Remedial Investigation Report
Title: Revised Costco Gas Station Site Remedial Investigation Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 36832#\Heersharepoint1\facilitiesite%20documents\36832.pdf

iHEER System - Documents

Date : Jul 25, 2003
Document No: 4604
Type: Undetermined
Title: Revised Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Imported From:		36836#\Heersharepoint1\facilitiesite%20documents\36836.pdf				
<u>iHEER System - Documents</u>						
Date :	Jul 25, 2003					
Document No:	4605					
Type:	Undetermined					
Title:	Revised Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI					
Imported From:		\facilitiesite documents\media36836\36836.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 16, 2003					
Document No:	4612					
Type:	Undetermined					
Title:	Revised Work Plan to Install and Operate a Temporary Groundwater Extraction and Product Recovery System Sprint Lot					
Imported From:		1205#\Heersharepoint1\facilitiesite%20documents\1205.pdf				
<u>iHEER System - Documents</u>						
Date :	Dec 9, 2015					
Document No:	4592					
Type:	Undetermined					
Title:	Soil and Groundwater Management Plan Pursuant to LOC dated 3/27/2008, Gas Station Expansion Construction Dewatering and Soil Removal, Costco Iwilei Gas Station Site, 520 Alakawa St, Honolulu HI 96817					
Imported From:		116542#\Heersharepoint1\facilitiesite%20documents\116542.pdf				
<u>iHEER System - Documents</u>						
Date :	Jun 10, 2003					
Document No:	4561					
Type:	Undetermined					
Title:	Summary of Environmental Actions Costco Gas Station Site, 500 Alakawa St and CCPI Sprint Lot, 925 Dillingham Blvd Iwilei, Honolulu HI					
Imported From:		36831#\Heersharepoint1\facilitiesite%20documents\36831.pdf				
<u>iHEER System - Documents</u>						
Date :	Sep 23, 1997					
Document No:	4567					
Type:	Undetermined					
Title:	UST Closure Report CCPI Iwilei Property Lot B Ala Kawa St, Honolulu HI					
Imported From:		36838#\Heersharepoint1\facilitiesite%20documents\36838.pdf				
<u>iHEER System - Documents</u>						
Date :	Jan 20, 2004					
Document No:	4608					
Type:	Undetermined					
Title:	Well Construction Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI					
Imported From:		1485#\Heersharepoint1\facilitiesite%20documents\1485.pdf				
<u>iHEER System - Documents</u>						
Date :	Feb 28, 2002					
Document No:	4579					
Type:	Undetermined					
Title:	Work Plan Proposed Costco Gas Station Site Follow-Up Investigation Iwilei, Honolulu HI					
Imported From:		36825#\Heersharepoint1\facilitiesite%20documents\36825.pdf				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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iHEER System - Documents

Date : Feb 19, 2002
Document No: 4557
Type: Undetermined
Title: Work Plan Proposed Costco Gas Station Site Follow-Up Investigation Iwilei, Honolulu HI
Imported From: \facilitysite documents\media36848\36848.pdf

iHEER System - Documents

Date : Feb 19, 2002
Document No: 4556
Type: Undetermined
Title: Work Plan Proposed Costco Gas Station Site Follow-Up Investigation Iwilei, Honolulu HI
Imported From: 36848#\Heersharepoint1\facilitysite%20documents\36848.pdf

iHEER System - Documents

Date : Aug 29, 2003
Document No: 4602
Type: Undetermined
Title: Work Plan to Design, Build, Operate, and Maintain a Total-Fluids Recovery Remediation System Sprint Lot
Imported From: 1503#\Heersharepoint1\facilitysite%20documents\1503.pdf

iHEER System - Documents

Date : Feb 19, 2001
Document No: 4587
Type: Undetermined
Title: Work Plan, Sprint Lot, Phase II Environmental Site Investigation, Iwilei, Honolulu, Oahu HI
Imported From: 125999#\Heersharepoint1\facilitysite%20documents\125999.pdf

iHEER System - Documents

Date : Jun 21, 2005
Document No: 4566
Type: Undetermined
Title: 2nd Revised Costco Gas Station Site Remedial Investigation Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 2893#\Heersharepoint1\facilitysite%20documents\2893.pdf

iHEER System - Documents

Date : Jun 21, 2005
Document No: 4586
Type: Remedial Investigation Report
Title: 2nd Revised Costco Gas Station Site Remedial Investigation Report Costco Gas Station Site, 520 Alakawa St, Iwilei, Honolulu HI
Imported From: 36833#\Heersharepoint1\facilitysite%20documents\36833.pdf

iHEER System - Documents

Date : Aug 11, 2003
Document No: 4584
Type: Undetermined
Title: 2nd Revised Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI
Imported From: 36885#\Heersharepoint1\facilitysite%20documents\36885.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Aug 11, 2003			
Document No:			4611			
Type:			Undetermined			
Title:			2nd Revised Environmental and Construction Management Work Plan Costco Gas Station Site 500 Alakawa St, Iwilei, Honolulu HI			
Imported From:			36835#\Heersharepoint1\facilitsite%20documents\36835.pdf			
<u>iHEER System - Documents</u>						
Date :			Dec 13, 2001			
Document No:			4593			
Type:			Undetermined			
Title:			Alakawa St. UST's Photos			
Imported From:			125988#\Heersharepoint1\facilitsite%20documents\125988.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 4, 2003			
Document No:			4613			
Type:			Undetermined			
Title:			Allpication for Modification to UST Permit, New Costco Gasoline Station, 520 Alakawa St, Honolulu Hawaii, Original Permit No P-2003-4, Modified Permit No P-2003-4-M1			
Imported From:			126022#\Heersharepoint1\facilitsite%20documents\126022.pdf			
<u>iHEER System - Documents</u>						
Date :			Feb 7, 2017			
Document No:			4603			
Type:			Undetermined			
Title:			Amendment- Soil and Groundwater Management Plan Pursuant to LOC dated 3/27/2008 Gas Station Expansion Construction Dewatering & Soil Removal Costco Iwilei Gas Station Site 520 Alakawa St, Honolulu HI 96817			
Imported From:			124679#\Heersharepoint1\facilitsite%20documents\124679.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 28, 2006			
Document No:			4562			
Type:			Undetermined			
Title:			Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2005 through Jun 2006 Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI			
Imported From:			5408#\Heersharepoint1\facilitsite%20documents\5408.pdf			
<u>iHEER System - Documents</u>						
Date :			Sep 27, 2006			
Document No:			4578			
Type:			Monitoring Report			
Title:			Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2005 through Jun 2006, Costco Warehouse and Gas Station, Alakawa St, Iwilei, Honolulu HI			
Imported From:			36843#\Heersharepoint1\facilitsite%20documents\36843.pdf			
<u>iHEER System - Documents</u>						
Date :			Nov 23, 2009			
Document No:			4595			
Type:			Monitoring Report			
Title:			Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2008 through Jun 2009, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI			
Imported From:			61691#\Heersharepoint1\facilitsite%20documents\61691.pdf			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Documents

Date : Nov 23, 2009
Document No: 4049
Type: Undetermined
Title: Annual Remedial System Operation and Groundwater Monitoring Report, Jul 2008 through Jun 2009, Costco Warehouse and Gas Station, 520 and 525 Alakawa St, Iwilei, Honolulu HI 61690#\Heersharepoint1\facilitysite%20documents\61690.pdf
Imported From:

iHEER System - Locations Details

Locations ID: 2315
Location Type: SC
Description: Costco Gas Station
Comment : Satellite View Placed
Centroid: POINT (-157.872047 21.319310000000005)
Geometry:

POINT (-157.872047 21.319310000000005)

iHEER System - Locations Details

Locations ID: 7462
Location Type: NFAIC
Description: NFAIC Costco Gas Station
Comment : Google Maps and Doc 4572
Centroid: POINT (-157.87203352273147 21.319196239973817)
Geometry:

POLYGON ((-157.87145020848635 21.319186199049426, -157.87210734969753 21.319565995517451, -157.87250968104749 21.31895632176181, -157.87239166385294 21.318883860368484, -157.87192495949023 21.319018788451981, -157.87170233613983 21.319091249778683, -157.87145020848635 21.319186199049426))

Site Details

Centroid: POINT (-157.872047 21.319310000000005)
Updated On: 9/28/2020 11:13:00 AM
Coordinates: 21.319310000000005,-157.872047

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Received a Restricted NFA

304	1 of 3	NW	1.00 / 5,265.12	3.28 / 0	Hawaii Stevedores 965 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 708
Site Name (Public iHEER): Hawaii Stevedores
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Pier 35 Honolulu Harbor
Street (Public iHEER): 965 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		2/14/2020 7:59:40 PM				
Ms Access ID (Public iHEER):		337				
Suppl Loc (Public iHEER):		965 N Nimitz Hwy				
Tax Map Keys (Public iHEER):		115034007				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		708				
Site Name (PORTAL):		Hawaii Stevedores				
Loc Desc (PORTAL):		965 N Nimitz Hwy				
Address (PORTAL):		965 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY SELECTED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/708/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)				

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27886
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080185.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27888
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080181.JPG

iHEER System - Documents

Date : Dec 16, 1999
Document No: 14000
Type: Undetermined
Title: Claim Number: 0384FA3988-04R001, Our Insured: Hawaii Stevedores Inc, Site: Honolulu Harbor Contaminated Area
Imported From: 328#\Heersharepoint1\facilitysite%20documents\328.pdf

iHEER System - Documents

Date : Oct 1, 2013
Document No: 27866
Type: Undetermined
Title: EHE and Environmental Hazard Management, Plan for the University of Hawaii Marine, Center Relocation Area, Piers 34 and 35, Honolulu Harbor, Iwilei, Oahu HI
Imported From: \facilitysite documents\media106895\Draft EHE EHMP Pier 35.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2013			
Document No:			27865			
Type:			Undetermined			
Title:			EHE and Environmental Hazard Management, Plan for the University of Hawaii Marine, Center Relocation Area, Piers 34 and 35, Honolulu Harbor, Iwilei, Oahu HI			
Imported From:			\facilitysite documents\media106895\Draft EHE EHMP Pier 35.doc			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2013			
Document No:			27867			
Type:			Undetermined			
Title:			EHE and Environmental Hazard Management, Plan for the University of Hawaii Marine, Center Relocation Area, Piers 34 and 35, Honolulu Harbor, Iwilei, Oahu HI			
Imported From:			\facilitysite documents\media106895\Appendix B - Reporting Forms.docx			
<u>iHEER System - Documents</u>						
Date :			Jul 25, 1991			
Document No:			36221			
Type:			Undetermined			
Title:			ESA Hawaii Stevedores Inc			
Imported From:			37783#\Heersharepoint1\facilitysite%20documents\37783.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 24, 2013			
Document No:			27869			
Type:			Undetermined			
Title:			Hawaii Stevedores, Inc Pier 35 Maintenance Shop Facility, Facility ID 9-103904			
Imported From:			105466#\Heersharepoint1\facilitysite%20documents\105466.pdf			
<u>iHEER System - Documents</u>						
Date :			Oct 1, 2003			
Document No:			175174			
Type:			Undetermined			
Title:			Hawaiian Bitumuls Site			
Imported From:						
<u>iHEER System - Documents</u>						
Date :			Dec 19, 2000			
Document No:			36218			
Type:			Undetermined			
Title:			HH PRPs Identified by PHR Report			
Imported From:			120888#\Heersharepoint1\facilitysite%20documents\120888.pdf			
<u>iHEER System - Documents</u>						
Date :			Jun 21, 2013			
Document No:			27868			
Type:			Undetermined			
Title:			Historical Documentation of the Construction of Pier 35 and the Hawaii Stevedores Inc, Maintenance Facility at Pier 35 (TMK 1-1-5-034-007), located at 965 N Nimitz Hwy, Honolulu HI			
Imported From:			2013-333#Q:\2013 Final Correspondence (Day File)\13-333-SPM.pdf			
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Oct 26, 1999
Document No: 36215
Type: Undetermined
Title: Honolulu Harbor: Notice of PRP status
Imported From: 1999-486#Q:\1999 Final Correspondence (Day File)\99-486-JF.pdf

iHEER System - Documents

Date : Apr 13, 1995
Document No: 27870
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1995
Imported From: 1995-025#Q:\1995 Final Correspondence (Day File)\95-025-WP.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 27872
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 2000-319#Q:\2000 Final Correspondence (Day File)\00-319-LY.pdf

iHEER System - Documents

Date : Apr 11, 1995
Document No: 27874
Type: Undetermined
Title: Industrial Wastewater Discharge Permit
Imported From: 642#\Heersharepoint1\facilitiesite%20documents\642.pdf

iHEER System - Documents

Date : Mar 4, 1994
Document No: 36220
Type: Undetermined
Title: Notice of General Permit Coverage (NGPC) Hawaii Stevedores Maintenance Shop 965 N Nimitz Hwy, Honolulu HI File No HI R80A305
Imported From: 843#\Heersharepoint1\facilitiesite%20documents\843.pdf

iHEER System - Documents

Date : Jan 26, 1994
Document No: 27871
Type: Undetermined
Title: Notification for USTs
Imported From: 120885#\Heersharepoint1\facilitiesite%20documents\120885.pdf

iHEER System - Documents

Date : Apr 26, 1995
Document No: 27863
Type: Undetermined
Title: Pier 35, Maintenance Shop
Imported From: 927#\Heersharepoint1\facilitiesite%20documents\927.pdf

iHEER System - Documents

Date : Aug 7, 2000
Document No: 36216
Type: Undetermined

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					Reference No HEER Office 00-319-Iy Honolulu Harbor Contaminated Area - Iwilei Section 08/07/2000	
Imported From:					1026#\Heersharepoint1\facilitiesite%20documents\1026.pdf	
<u>iHEER System - Documents</u>						
Date :					Aug 31, 2000	
Document No:					36217	
Type:					Undetermined	
Title:					Reference No HEER Office 00-319-Iy Honolulu Harbor Contaminated Area - Iwilei Section 08/31/2000	
Imported From:					1027#\Heersharepoint1\facilitiesite%20documents\1027.pdf	
<u>iHEER System - Documents</u>						
Date :					Nov 23, 1999	
Document No:					36219	
Type:					Undetermined	
Title:					Reference No HEER Office 99-486-JF Iwilei Section of Honolulu Harbor Contaminated Area PRP Identification	
Imported From:					1028#\Heersharepoint1\facilitiesite%20documents\1028.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 1, 1994	
Document No:					27873	
Type:					Undetermined	
Title:					Storm Water Pollution Control Plan Hawaii Stevedores Inc, Maintenance Shop Facility Pier 35, Honolulu Harbor	
Imported From:					37784#\Heersharepoint1\facilitiesite%20documents\37784.pdf	
<u>iHEER System - Documents</u>						
Date :					May 5, 1995	
Document No:					27864	
Type:					Undetermined	
Title:					Your Request for Information Letter, Apr 13, 1995 re Honolulu Harbor Petroleum Contaminated Area	
Imported From:					1521#\Heersharepoint1\facilitiesite%20documents\1521.pdf	
<u>iHEER System - Documents</u>						
Date :					Apr 8, 2013	
Document No:					27875	
Type:					Undetermined	
Title:					04-08-2013 Site Visit Photos	
Imported From:					\facilitiesite documents\media103445\P4080178.JPG	
<u>iHEER System - Documents</u>						
Date :					Apr 8, 2013	
Document No:					27877	
Type:					Undetermined	
Title:					04-08-2013 Site Visit Photos	
Imported From:					\facilitiesite documents\media103445\P4080179.JPG	
<u>iHEER System - Documents</u>						
Date :					Apr 8, 2013	
Document No:					27879	
Type:					Undetermined	
Title:					04-08-2013 Site Visit Photos	
Imported From:					\facilitiesite documents\media103445\P4080173.JPG	
<u>iHEER System - Documents</u>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date : Apr 8, 2013
Document No: 27881
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080184.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27883
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080172.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27885
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080176.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27887
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080182.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27876
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080180.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27878
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080177.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27880
Type: Undetermined
Title: 04-08-2013 Site Visit Photos
Imported From: \facilitysite documents\media103445\P4080174.JPG

iHEER System - Documents

Date : Apr 8, 2013
Document No: 27882
Type: Undetermined
Title: 04-08-2013 Site Visit Photos

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Imported From: \facilitysite documents\media103445\P4080175.JPG

iHEER System - Documents

Date : Apr 8, 2013
 Document No: 27884
 Type: Undetermined
 Title: 04-08-2013 Site Visit Photos
 Imported From: \facilitysite documents\media103445\P4080183.JPG

iHEER System - Locations Details

Locations ID: 1646
 Location Type: SC
 Description: Hawaii Stevedores
 Comment : Google Earth
 Centroid: POINT (-157.87649399999998 21.315736000000008)
 Geometry:

POINT (-157.87649399999998 21.315736000000008)

Site Details

Centroid: POINT (-157.87649399999998 21.315736000000008)
 Updated On: 2/14/2020 7:59:40 PM
 Coordinates: 21.315736000000008,-157.87649399999998

iHEER System - Aliases

Name: Pier 35 Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

304	2 of 3	NW	1.00 / 5,265.12	3.28 / 0	Honolulu Harbor Pier 35 Chevron Pipeline Release 965 N Nimitz Hwy Honolulu HI 96817	SHWS
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iHEER ID (Public iHEER): 2614
 Site Name (Public iHEER): Honolulu Harbor Pier 35 Chevron Pipeline Release
 Aliases (Public iHEER): Brownfields Medium Priority Site, Chevron Pier 35 Pipeline Release, HEER Case No. 20000622-1200, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, SLR 3.2ft Flooding
 Street (Public iHEER): 965 N Nimitz Hwy
 City (Public iHEER): Honolulu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State (Public iHEER):		HI				
Zip (Public iHEER):		96817				
County (Public iHEER):		Honolulu				
Island (Public iHEER):		Oahu				
Status (Public iHEER):		Remedy Selected				
Lead Agency (Public iHEER):		HEER Office				
Program (Public iHEER):		State				
Assigned Rpm (Public iHEER):						
Is Public (Public iHEER):		TRUE				
Updated on (Public iHEER):		2/8/2021 12:21:21 PM				
Ms Access ID (Public iHEER):		145				
Suppl Loc (Public iHEER):		965 N Nimitz Hwy, Honolulu, HI 96817				
Tax Map Keys (Public iHEER):		115034004, 115035008				
iHEER ID (Non Public iHEER):						
Site Name (Non Public iHEER):						
Address (Non Public iHEER):						
City State Zip (Non Public):						
Suppl Loc Text(Non Public):						
iHEER ID (PORTAL):		2614				
Site Name (PORTAL):		Honolulu Harbor Pier 35 Chevron Pipeline Release				
Loc Desc (PORTAL):		965 N Nimitz Hwy, Honolulu, HI 96817				
Address (PORTAL):		965 N Nimitz Hwy Honolulu, HI 96817				
County (PORTAL):		Honolulu				
Island (PORTAL):		Oahu				
Status (PORTAL):		REMEDY SELECTED				
Priority (PORTAL):		Unranked				
Lead Agency (PORTAL):		HEER Office				
Program (PORTAL):		State				
Assigned Rpm (PORTAL):		—				
Details URL (PORTAL):		https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2614/details/view				
Data Source(s):		iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in iHEER (11/22/2022)				

iHEER System - Locations Details

Locations ID: 852
Location Type: SC
Description:
Comment : Report Map
Centroid: POINT (-157.87615700000003 21.317254999999996)
Geometry:

POINT (-157.87615700000003 21.317254999999996)

iHEER System - Locations Details

Locations ID: 7736
Location Type: SB
Description: Excavation extent
Comment : Doc 26044
Centroid: POINT (-157.87606922379592 21.317176630297507)
Geometry:

POLYGON ((-157.87629513376612 21.317302475237135, -157.87620662087471 21.317377436105577, -157.87584184044212 21.31703761319411, -157.87591157787935 21.316970148257077, -157.87629513376612 21.317302475237135))

Site Details

Centroid: POINT (-157.87615700000003 21.317254999999996)
Updated On: 2/8/2021 12:21:21 PM
Coordinates: 21.317254999999996,-157.87615700000003

iHEER System - Aliases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Honolulu Harbor Iwilei District Participating Parties				
<u>iHEER System - Aliases</u>						
Name:		Brownfields Medium Priority Site				
<u>iHEER System - Aliases</u>						
Name:		SLR 3.2ft Flooding				
<u>iHEER System - Aliases</u>						
Name:		Honolulu Harbor				
<u>iHEER System - Aliases</u>						
Name:		HEER Case No. 20000622-1200				
<u>iHEER System - Aliases</u>						
Name:		Chevron Pier 35 Pipeline Release				

304	3 of 3	NW	1.00 / 5,265.12	3.28 / 0	UH Manoa Marine Center Relocation Area Piers 34 and 35 965 N Nimitz Hwy Honolulu HI	SHWS
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iHEER ID (Public iHEER): 1702
Site Name (Public iHEER): UH Manoa Marine Center Relocation Area Piers 34 and 35
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Medium Priority Site, University of Hawaii Marine Center Relocation Area Piers 34 and 35
Street (Public iHEER): 965 N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/1/2020 10:48:50 AM
Ms Access ID (Public iHEER): 2268
Suppl Loc (Public iHEER): Honolulu Harbor Piers 34 and 35
Tax Map Keys (Public iHEER): 115034004, 115034005, 115034007, 115034008, 115034010, 115034017, 115034022, 115034024, 115034025, 115034026, 115035008, 115036002

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

iHEER ID (PORTAL): 1702
Site Name (PORTAL): UH Manoa Marine Center Relocation Area Piers 34 and 35
Loc Desc (PORTAL): Honolulu Harbor Piers 34 and 35
Address (PORTAL): 965 N Nimitz Hwy
Honolulu, HI —

County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#/site/1702/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Oct 30, 2013
Document No: 146857
Type: Undetermined
Title: Interim EHE and EHMP for the University of Hawaii Marine Center Relocation Area Piers 34 and 35, Honolulu Harbor, Iwilei, Oahu HI
Imported From: \facilitysite documents\media107212\Letter of Transmittal.pdf

iHEER System - Documents

Date : Oct 30, 2013
Document No: 146858
Type: Environmental Hazard Management Plan
Title: Interim EHE and EHMP for the University of Hawaii Marine Center Relocation Area Piers 34 and 35, Honolulu Harbor, Iwilei, Oahu HI
Imported From: \facilitysite documents\media107212\Interim EHE EHMP Pier 35.pdf

iHEER System - Documents

Date : Oct 24, 2013
Document No: 146859
Type: Undetermined
Title: Review of: Draft Interim EHE and EHMP, Oct 2013, by Element Environmental
Imported From: 2013-552#Q:\2013 Final Correspondence (Day File)\13-552-SPM.pdf

iHEER System - Documents

Date : Oct 7, 2013
Document No: 146856
Type: Undetermined
Title: Review of: EHE and EHMP, Oct 2013, by Element Environmental
Imported From: 2013-527#Q:\2013 Final Correspondence (Day File)\13-527-MS.pdf

iHEER System - Locations Details

Locations ID: 3305
Location Type: SC
Description: UH Marine Center
Comment : Google Maps
Centroid: POINT (-157.876625 21.315573999999991)
Geometry:

POINT (-157.876625 21.315573999999991)

Site Details

Centroid: POINT (-157.876625 21.315573999999991)
Updated On: 12/1/2020 10:48:50 AM
Coordinates: 21.315573999999991,-157.876625

iHEER System - Aliases

Name: Brownfields Medium Priority Site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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iHEER System - Aliases

Name: University of Hawaii Marine Center Relocation Area Piers 34 and 35

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Unplottable Summary

Total: 93 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
BROWNFIELDS	Nimitz Highway Water Improvement Project Sumner to Queen	N Nimitz Hwy	Honolulu HI	96817	897992533
BROWNFIELDS	Citizens Energy Services Pier 38	Nimitz Hwy	Honolulu HI	96817	897992309
BROWNFIELDS	Halekauwila Street between Keawe Street and Coral Street	Halekauwila St	Honolulu HI		897992187
BROWNFIELDS	Sand Island Industrial Park	Sand Island Pkwy	Honolulu HI	96819	882445121
BROWNFIELDS	Kakaako Mauka	Ala Moana Blvd	Honolulu HI		882445117
BROWNFIELDS	Sause Brothers	Alakea St	Honolulu HI	96817	897993419
BROWNFIELDS	Pali Highway Lead Contamination	Pali Highway	Honolulu HI		897993485
BROWNFIELDS	Honolulu Seawater Air Conditioning Project	Keawe St	Honolulu HI	96813	897993627
BROWNFIELDS	Honolulu Harbor Sand Island Unit	Sand Island Pkwy	Honolulu HI		897993762
BROWNFIELDS	Allstate Industrial & Marine Cleaning	N Nimitz Hwy	Honolulu HI		897992226
ERNS		ALOHA TOWER <i>NRC Report No:</i> 707009	HONOLULU HI		806882843

ERNS		RICHARD ST	HONOLULU HI		806915611
		<i>NRC Report No:</i> 363421			
ERNS		NEAR ALOHA TOWERS	HONOLULU HI	96816	807179699
		<i>NRC Report No:</i> 496738			
ERNS		ALOHA TOWER HONOLULU HARBOR	HONOLULU HI		806689691
		<i>NRC Report No:</i> 560790			
ERNS		ALOHA TOWER DR EB TO ALA MOANA BLVD	HONOLULU HI		917578681
		<i>NRC Report No:</i> 1354576			
FED BROWNFIELDS	Howard Hughes	Halekauwila St	Honolulu HI	96814	902430691
		<i>Property ID:</i> 250326			
FED BROWNFIELDS	Howard Hughes	Halekauwila St	Honolulu HI	96814	902430593
		<i>Property ID:</i> 250324			
FED BROWNFIELDS	Howard Hughes	Halekauwila St	Honolulu HI	96813	902430191
		<i>Property ID:</i> 250325			
FED BROWNFIELDS	HCDA	Halekauwila St	Honolulu HI	96814	902429738
		<i>Property ID:</i> 250307			
FED BROWNFIELDS	Heirs of Charles S. Desky, Trustee	Queen St	HONOLULU HI	96814	887240085
		<i>Property ID:</i> 241714			
FED BROWNFIELDS	Howard Hughes	Halekauwila St	HONOLULU HI	96814	887239503
		<i>Property ID:</i> 241697			
FED BROWNFIELDS	Kaka'ako Makai Parcel I	Forrest Avenue	Honolulu HI	96814	825152662
		<i>Property ID:</i> 164401			
FRP	HONOLULU INTERNATIONAL AIRPORT	NIMITZ HWY	HONOLULU HI		919864170
HMIRS		NIMITZ HIGHWAY	HONOLULU HI		818612289
HMIRS		NIMITZ HWY	HONOLULU HI		818405852

HMIRS		NIMITZ HWY	HONOLULU HI		818379404
HMIRS		NIMITZ HIGHWAY	HONOLULU HI		818344857
HMIRS		NIMITZ HIGHWAY	HONOLULU HI		818299918
HMIRS		NIMITZ HIGHWAY	HONOLULU HI		818151884
HMIRS		NIMITZ HWY	HONOLULU HI		818114351
HWM	WATERPARK TOWERS	POHUKAINA S & HALEKAUWILA	HONOLULU HI	96813	875146752
HWM	HONOLULU HARBOR PIERS 4 5 6	HONOLULU HARBOR PIERS 4 5 6 NIMITZ HWY	HONOLULU HI	96813	875146601
HWM	HONOLULU HARBOR PIER 7	PIER 7 HONOLULU HARBOR NIMITZ HWY	HONOLULU HI	96813	875145036
HWM	KEWALO BASIN HARBOR	ALA MOANA BLVD	HONOLULU HI	96814	875144643
LUST	FUJISHIGE TRUCKING CO, LTD.	117 ADAMS WY <i>Facility ID:</i> 9-100734 <i>Latest Status / Status Date / Event ID:</i> Site Cleanup Completed (NFA) 5/24/1994 930086	Honolulu HI	96819	821089713
RCRA NON GEN	WATERPARK TOWERS	POHUKAINA S & HALEKAUWILA <i>EPA Handler ID:</i> HID982492340	HONOLULU HI	96813	810090776
SHWS	Sand Island Housing First Project	Sand Island Pkwy	Honolulu HI	96819	833894901
SHWS	Kakaako Brownfield Project-Unit 1	Koula St	Honolulu HI	96814	833894906

SHWS	Sand Island Industrial Park	Sand Island Pkwy	Honolulu HI	96819	848850085
SHWS	Honolulu Harbor Sand Island Unit	Sand Island Pkwy	Honolulu HI		848850121
SHWS	Kakaako Improvement District 7	Kamakee St	Honolulu HI		870885841
SHWS	Pali Highway Lead Contamination	Pali Highway	Honolulu HI		875356704
SHWS	Honolulu Harbor Pier 32 Entrance Canal	Pier 32 State access road off Nimitz Hwy	Honolulu HI	96817	875356744
SHWS	Halekauwila Street between Keawe Street and Coral Street	Halekauwila St	Honolulu HI		875356745
SHWS	Kakaako Mauka	Ala Moana Blvd	Honolulu HI		875356849
SHWS	Honolulu Harbor Iwilei District Participating Parties	N Nimitz Hwy	Honolulu HI	96814	879627020
SHWS	Kakaako Makai District Units 2 and 4	Olomehani St	Honolulu HI	96814	883993486
SHWS	Uaukewai Diving Salvage & Fishing, Inc.	Pier 21 Alakea St	Honolulu HI	96817	886089216
SHWS	DOA Pu'u Kapu Reservoir	Pali Hwy	Honolulu HI	96817	898859488
SHWS	Nestle USA	Nimitz Highway	Honolulu HI	96819	898859523
SHWS	555 South Street	South Street	Honolulu HI	96813	898859581
SHWS	Petroleum-Oil-Lubricants (POL) Relocation Project	N Nimitz Hwy	Honolulu HI	96817	901203005

SHWS	Kakaako Brownfield Project-Unit 7	Ahui St	Honolulu HI	96814	821085647
SHWS	Allstate Industrial & Marine Cleaning	N Nimitz Hwy	Honolulu HI		821087648
SHWS	Kakaako Makai Brownfields/HCDA	Ahui St	Honolulu HI	96814	821087356
SHWS	Nimitz Highway Water Improvement Project Sumner to Queen	N Nimitz Hwy	Honolulu HI	96817	821086373
SHWS	Citizens Energy Services Pier 38	Nimitz Hwy	Honolulu HI	96817	821086060
SHWS	Sause Brothers	Alakea St	Honolulu HI	96817	821085990
SHWS	Kakaako Brownfield Project-Unit 2	Koula St	Honolulu HI	96814	821085936
SHWS	Ala Wai Harbor Boat Repair Yard	Ala Moana Blvd	Honolulu HI		821085833
SHWS	Kakaako Brownfield Project-Unit 4	Koula St	Honolulu HI	96814	821085687
SHWS	Honolulu Seawater Air Conditioning Project	Keawe St	Honolulu HI	96813	821085680
SHWS	Nimitz highway 16-Inch Water Main, Waiakamilo Road to Sumner Street	Nimitz Hwy	honolulu HI		920135458
SHWS	Kakaako Brownfield Project-Unit 5	Ahui St	Honolulu HI	96814	821085646
SPILLS	HART Boring 616	Nimitz Hwy near Hawaii All-Star Paintball Games	Honolulu HI		822915609
		Case No: 20130719-1311			

SPILLS	Unknown sheen NRC 829884	Ala Moana Blvd Case No: 20070321-1153	Honolulu HI		822908966
SPILLS	HART	right off Nimitz Hwy, mauka side across Nuuanu Stream Case No: 20131211-0915	Honolulu HI		822909324
SPILLS	HART parking lot near Nimitz and River	Parking lot on Nimitz Hwy Mauka side Diamond Head of River Street Case No: 20121128-1609	Honolulu HI		822909480
SPILLS	Nimitz Highway, near City Mill	Nimitz Hwy Case No: 19901204	Honolulu HI		822909499
SPILLS	HART Discovery by Nimitz Hwy	Nimitz Hwy Case No: 20140401-0922	Honolulu HI		822910040
SPILLS	Trespassing 956243	9650 N Nimitz Hwy Case No: 20101006-2000	Honolulu HI	96817	822910300
SPILLS	First Hawaiian Center, Tank Removal	99 Bishop St Case No: 19940409-1	Honolulu HI	96813	822910652
SPILLS	Fishing vessel-owner Leo Ohai	Nimitz Hwy Case No: 20000726-0720	Honolulu HI	96817	822911242
SPILLS	Ala Moana Boulevard, C&C truck leaking liquid	Ala Moana Blvd Case No: 19951025	Honolulu HI	96814	822911641
SPILLS	Nimitz Hwy BWS Black Oil Release	Nimitz Hwy Case No: 20060619-0908	Honolulu HI		822911763
SPILLS	C&C HONOLULU SEWER	C&C Hono Sewer along Mauka side Nimitz Hwy Case No: 20080403-0705	Honolulu HI	96813	822912567
SPILLS	HART Trenches C102, C103, C104, C105, C106, C108, C109, C110, C111, C113, C115	Nimitz Hwy Case No: 20121126-1706	Honolulu HI		822913542
SPILLS	Nimitz Highway	Nimitz Hwy Case No: 19940801	Honolulu HI	96817	822914153

SPILLS	HART Boring CC 076	N Nimitz Hwy North of River Street Case No: 20140512-0815	Honolulu HI		822915325
SPILLS	Nimitz Highway, near Pier 34	Nimitz Hwy Case No: 19880114	Honolulu HI		822915486
SPILLS	HECO Release near Zippys Nimitz	N Nimitz Hwy Case No: 20081029-0747	Honolulu HI		822915534
SPILLS		Alakea and Bishop Streets, Honolulu	HI		874501830
SPILLS	Honolulu Harbor Pier 17, sheen sighting	N Nimitz Hwy Honolulu Harbor Case No: 20050823-1601	Honolulu HI	96817	836919771
SPILLS	Honolulu Harbor Pier 17, sheen sighting	N Nimitz Hwy Honolulu Harbor Case No: 19970730-0855	Honolulu HI	96817	836919728
SPILLS	Pier 32-35 (Honolulu Harbor) Entrance Canal	Pier 32 State access road off Nimitz Hwy Adjacent to Chevron Terminal Loading Rack Case No: 20100729-1005	Honolulu HI		836918644
SPILLS	Pier 32-35 (Honolulu Harbor) Entrance Canal	Pier 32 State access road off Nimitz Hwy Adjacent to Chevron Terminal Loading Rack Case No: 20060331-1000	Honolulu HI		836918055
SPILLS		under Nimitz viaduct	Honolulu HI		879764587
SPILLS		Nimitz Highway (Makai side) across Hilo Hatties	Honolulu HI		879764731
SPILLS	Nimitz Highway, close to the Airport	Nimitz Hwy Case No: 19960517-1355	Honolulu HI		822916962
SPILLS	State Dept of Transportation propane cylinder	Nimitz Hwy Case No: 19981022-1350	Honolulu HI		822915858
SPILLS	Nimitz Highway, abandoned batteries	Nimitz Hwy	Honolulu HI		822915619

Case No: 19971010-1000

SPILLS Nimitz Highway, black
sludge C&C truck Nimitz Hwy Honolulu HI 96819 822908839

Case No: 19991030-1206

SPILLS Crystal Harmony, Pier 1 Aloha Towers Pier 1 Honolulu HI 96817 822915551

Case No: 20040523-0900

Unplottable Report

Site: Nimitz Highway Water Improvement Project Sumner to Queen
N Nimitz Hwy Honolulu HI 96817

BROWNFIELDS

iHEER ID (Public iHEER): 2641
Island (Public iHEER): Oahu
Site Name (Public iHEER): Nimitz Highway Water Improvement Project Sumner to Queen
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District
Participating Parties, Honolulu Harbor Iwilei Unit
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96817
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): N Nimitz Hwy Between Sumner and Queen
Program (Public iHEER): State
Status Name (Public iHEER): Remedy Needed
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 8/7/2019 4:02:44 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 719
Tax Map Keys (Public iHEER): 115008014
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2641
Island (PORTAL): Oahu
Site Name (PORTAL): Nimitz Highway Water Improvement Project Sumner to Queen
Address (PORTAL): N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Loc Desc (PORTAL): N Nimitz Hwy Between Sumner and Queen
Program (PORTAL): State
Status (PORTAL): REMEDY NEEDED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2641/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Apr 30, 2005
Type: Undetermined
Title: APPENDIXES C and E Laboratory Analysis Results and Chain of Custody Forms to Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Document No: 46642
Imported From: 39145#\Heersharepoint1\facilitiesite%20documents\39145.pdf

iHEER System - Documents

Date : Apr 30, 2005
Type: Undetermined
Title: APPENDIXES C and E Laboratory Analysis Results and Chain of Custody Forms to Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Document No: 46645
Imported From: 39144#\Heersharepoint1\facilitiesite%20documents\39144.pdf

iHEER System - Documents

Date : Sep 7, 2022
Type: Undetermined
Title: Figure for Request to Use A Construction Environmental Hazard Management Plan Addendum
Document No: 202976
Imported From:

iHEER System - Documents

Date : Apr 1, 2005
Type: Undetermined
Title: Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Document No: 46644
Imported From: 39143#\Heersharepoint1\facilitiesite%20documents\39143.pdf

iHEER System - Documents

Date : Sep 7, 2022
Type: Undetermined
Title: Request to Use A Construction Environmental Hazard Management Plan Addendum
Document No: 202975
Imported From:

iHEER System - Documents

Date : Jul 1, 2005
Type: Undetermined
Title: Review of Summary Report, Nimitz Hwy Rehabilitation Sumner St to Queen St
Document No: 46643
Imported From: 2005-329#Q:\2005 Final Correspondence (Day File)\05-329-CAC.pdf

iHEER System - Documents

Date : May 5, 2005
Type: Undetermined
Title: Summary Report for HEER Report Nos. 20030402-1320, 20030424-1504, 20030428-2140, 20030429-2320, 20030528-2215, 20031211-0835 and 200304021-1330
Document No: 28090
Imported From: 2769#\Heersharepoint1\facilitiesite%20documents\2769.pdf

Locations Details

Locations ID: 1098
Location Type: SC
Description: N Nimitz Queen to Sumner
Comment : Google Maps along N Nimitz between Sumner and Queen
Centroid: POINT (-157.86513800000003 21.312535999999987)
Geometry:

POINT (-157.86513800000003 21.312535999999987)

Locations ID: 3606
Location Type: SB
Description: N Nimitz Sumner to Queen
Comment : Google Maps
Centroid: POINT (-157.86514600776147 21.312383725332854)
Geometry:

POLYGON ((-157.86728343700045 21.315014474934639, -157.8662534687424 21.315454251672254, -157.86569556927157 21.315374292363764, -157.86539516186073 21.3151344141762, -157.86518058513357 21.314854555795169, -157.86496600841537 21.313895037297719, -157.86500892375722 21.312855551849967, -157.86505183910805 21.312015962078988, -157.86475143169724 21.311096405870511, -157.8641077015337 21.310176843903896, -157.86406478618292 21.309137332140512, -157.86406478618292 21.308857462331517, -157.86436519359376 21.308857462331517, -157.86436519359376 21.309697070157892, -157.86475143169724 21.310696597027189, -157.86522350048438 21.311776078405682, -157.86539516186073 21.31289553219581, -157.86556682323709 21.313535216244798, -157.86608180736607 21.313935017359732, -157.86706886028227 21.314014977452775, -157.86702594494042 21.314174897506568,

-157.86633929943508 21.314094937501434, -157.86522350048438 21.313375295493575, -157.8652664158262 21.312975492854, -157.86522350048438 21.312615669548038, -157.86518058513357 21.313935017359732, -157.8652664158262 21.314534716992085, -157.86548099254441 21.315014474934639, -157.86573848461339 21.315254353318963, -157.86599597667342 21.315294333010883, -157.86646804546061 21.315214373615323, -157.86719760631675 21.31489453559594, -157.86728343700045 21.315014474934639))

Details

Centroid: POINT (-157.86513800000003 21.312535999999987)
Updated On: 8/7/2019 4:02:44 PM
Coordinates: 21.312535999999987,-157.86513800000003

Site: **Citizens Energy Services Pier 38**
Nimitz Hwy Honolulu HI 96817

BROWNFIELDS

iHEER ID (Public iHEER): 2615
Island (Public iHEER): Oahu
Site Name (Public iHEER): Citizens Energy Services Pier 38
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Gasco Pier 38 Propane Air Facility, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1A, VRP-06 withdrawn
Street (Public iHEER): Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96817
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Honolulu Harbor Pier 38
Program (Public iHEER): State
Status Name (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 12/1/2020 10:45:42 AM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 152
Tax Map Keys (Public iHEER): 115042007, 115042008, 115042009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2615
Island (PORTAL): Oahu
Site Name (PORTAL): Citizens Energy Services Pier 38
Address (PORTAL): Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Loc Desc (PORTAL): Honolulu Harbor Pier 38
Program (PORTAL): State
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2615/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : May 4, 2007
Type: Undetermined
Title: Addendum to the Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-001 (por)
Document No: 8503
Imported From: 6246#\Heersharepoint1\facilitiesite%20documents\6246.pdf

iHEER System - Documents

Date : May 2, 2007
Type: Undetermined
Title: Addendum to the Baseline Environmental Investigation, Gas Company LLC, TMK 1-1-5-042-003 (por) and-001 (por), Honolulu HI

Document No: 7293
Imported From: 36770#\Heersharepoint1\facilitsite%20documents\36770.pdf

iHEER System - Documents

Date : Sep 15, 2005
Type: Undetermined
Title: Additional Information Request for Phase II Environmental Investigation of Parcels 8 and 9 at Pier 38, TMK 1-1-5-042-008 & 009, Honolulu Harbor, Honolulu HI
Document No: 7307
Imported From: 36766#\Heersharepoint1\facilitsite%20documents\36766.pdf

iHEER System - Documents

Date : Apr 9, 1997
Type: Undetermined
Title: Closure Report, Soil Contamination at the GASCO Inc Pier 38 Facility
Document No: 7296
Imported From: 36760#\Heersharepoint1\facilitsite%20documents\36760.pdf

iHEER System - Documents

Date : Mar 24, 2009
Type: Undetermined
Title: Comments on "Revised Draft Phase II Investigation Work Plan" received Mar 16, 2009, prepared by Bureau Veritas North America Inc
Document No: 7312
Imported From: 2009-201#Q:\2009 Final Correspondence (Day File)\09-201-AF.pdf

iHEER System - Documents

Date : Nov 23, 2009
Type: Undetermined
Title: Comments on Soil Management Plan, Nov 3, 2009
Document No: 7310
Imported From: 2009-770#Q:\2009 Final Correspondence (Day File)\09-770-AF.pdf

iHEER System - Documents

Date : Jun 22, 2009
Type: Undetermined
Title: Draft Phase II Investigation Report, Property located at Pier 38, Honolulu Harbor, TMK 1-1-5-042-007 (por), Honolulu HI, Jun 18, 2009, prepared by Bureau Veritas North America Inc
Document No: 3975
Imported From: \facilitsite documents\media60123\20140919095438751.pdf

iHEER System - Documents

Date : Jun 22, 2009
Type: Undetermined
Title: Draft Phase II Investigation Report, Property located at Pier 38, Honolulu Harbor, TMK 1-1-5-042-007 (por), Honolulu HI, Jun 18, 2009, prepared by Bureau Veritas North America Inc
Document No: 7294
Imported From: 60124#\Heersharepoint1\facilitsite%20documents\60124.pdf

iHEER System - Documents

Date : Aug 5, 2005
Type: Undetermined
Title: Final Revised Work Plan for Phase II Environmental Investigation, Gas Company LLC, Pier 38, Honolulu Harbor, TMK 1-1-5-042-008 and 9, Honolulu HI
Document No: 7306
Imported From: 36764#\Heersharepoint1\facilitsite%20documents\36764.pdf

iHEER System - Documents

Date : Jan 30, 1997
Type: Undetermined
Title: Honolulu Harbor Technical Work Group Meeting on Jan 24, 1997
Document No: 7319
Imported From: 47635#\Heersharepoint1\facilitsite%20documents\47635.pdf

iHEER System - Documents

Date : Sep 6, 2005
Type: Undetermined
Title: Phase II Environmental Investigation (TMK 1-1-5-042-008 and 009) Pier 38, Honolulu Harbor, Honolulu HI
Document No: 7295
Imported From: 36762#\Heersharepoint1\facilitsite%20documents\36762.pdf

iHEER System - Documents

Date : Dec 12, 1994
Type: Undetermined
Title: Plan for an Environmental Site Assessment of Pier 38, Honolulu Harbor, Hawaii
Document No: 7304
Imported From: 126196#\Heersharepoint1\facilitsite%20documents\126196.pdf

iHEER System - Documents

Date : Aug 17, 2005
Type: Undetermined
Title: Preliminary Soil Sampling Results for Phase II Investigation at the Gas Company LLC Property at Pier 38, TMK 1-1-5-042-008 and 9, Honolulu Harbor, Honolulu, Oahu
Document No: 7297
Imported From: 36765#\Heersharepoint1\facilitsite%20documents\36765.pdf

iHEER System - Documents

Date : Jan 19, 2007
Type: Undetermined
Title: Review of Baseline Environmental Investigation, Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por), Sep 8, 2006, prepared by Clayton Group Services, Inc
Document No: 7303
Imported From: 2007-053#Q:\2007 Final Correspondence (Day File)\07-053-JP-.pdf

iHEER System - Documents

Date : Jul 18, 2005
Type: Undetermined
Title: Review of Comments on GASCO Pier 38 Revised Work Plan for Phase II Environmental Investigation, TMK 1-1-5-042-008 and 009, and the Jul 14, 2005 Proposed changes to the Revised Work Plan (e-mail) prepared by Clayton Group Services, Inc
Document No: 7291
Imported From: 2005-353#Q:\2005 Final Correspondence (Day File)\05-353-JP.pdf

iHEER System - Documents

Date : Apr 13, 2009
Type: Undetermined
Title: Revised Draft Phase II Investigation Work Plan
Document No: 7311
Imported From: 2009-233#Q:\2009 Final Correspondence (Day File)\09-233-AF.pdf

iHEER System - Documents

Date : Jul 1, 2005
Type: Undetermined
Title: Revised Work Plan for Phase II Environmental Investigation
Document No: 4920

Imported From: 2932#\Heersharepoint1\facilitiesite%20documents\2932.pdf

iHEER System - Documents

Date : Feb 4, 2005
Type: Undetermined
Title: Revocable Permit No H-03-2424 (the "Permit") Updated Closure Report
Document No: 11258
Imported From: 2554#\Heersharepoint1\facilitiesite%20documents\2554.pdf

iHEER System - Documents

Date : May 25, 2005
Type: Undetermined
Title: Revocable Permit No H-03-2424 Work Plan for Phase II Environmental Investigation
Document No: 14192
Imported From: 2818#\Heersharepoint1\facilitiesite%20documents\2818.pdf

iHEER System - Documents

Date : Apr 6, 2006
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por)
Document No: 7305
Imported From: 4051#\Heersharepoint1\facilitiesite%20documents\4051.pdf

iHEER System - Documents

Date : Apr 6, 2006
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por)
Document No: 26465
Imported From: 4048#\Heersharepoint1\facilitiesite%20documents\4048.pdf

iHEER System - Documents

Date : Apr 4, 2006
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation the Gas Company LLC Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and-001 (por), Honolulu HI
Document No: 7302
Imported From: 36768#\Heersharepoint1\facilitiesite%20documents\36768.pdf

Locations Details

Locations ID: 5807
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87807559192441 21.318442175668313)
Geometry:

POLYGON ((-157.87779568815986 21.318580472115386, -157.87811755324168 21.318730392509838, -157.87835895205521 21.318313113698295, -157.87802904034126 21.318150699469172, -157.87779568815986 21.318580472115386))

Locations ID: 5808
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.878072 21.318431)
Geometry:

POINT (-157.878072 21.318431)

Details

Centroid: POINT (-157.878072 21.318431)
Updated On: 12/1/2020 10:45:42 AM
Coordinates: 21.318431,-157.878072

Site: **Halekauwila Street between Keawe Street and Coral Street**
Halekauwila St Honolulu HI

BROWNFIELDS

iHEER ID (Public iHEER): 107
Island (Public iHEER): Oahu
Site Name (Public iHEER): Halekauwila Street between Keawe Street and Coral Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, HART Halekauwila Street between Keawe Street and Coral Street, Honolulu High-Capacity Transit Corridor Project, Honolulu Rail Transit Project
Street (Public iHEER): Halekauwila St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER):
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Halekauwila St, Between Keawe St and Coral St
Program (Public iHEER): State
Status Name (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 6/4/2020 12:23:22 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 3248
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 107
Island (PORTAL): Oahu
Site Name (PORTAL): Halekauwila Street between Keawe Street and Coral Street
Address (PORTAL): Halekauwila St
Honolulu, HI —
County (PORTAL): Honolulu
Loc Desc (PORTAL): Halekauwila St, Between Keawe St and Coral St
Program (PORTAL): State
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Lynn Bailey
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/107/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Locations Details

Locations ID: 4932
Location Type: SC
Description:
Comment : Google Maps
Centroid: POINT (-157.85857299999998 21.300468999999982)
Geometry:

POINT (-157.85857299999998 21.300468999999982)

Details

Centroid: POINT (-157.85857299999998 21.300468999999982)
Updated On: 6/4/2020 12:23:22 PM
Coordinates: 21.300468999999982,-157.85857299999998

Site: **Sand Island Industrial Park**

iHEER ID (Public iHEER): 1022
Island (Public iHEER): Oahu
Site Name (Public iHEER): Sand Island Industrial Park
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu Harbor Sand Island Unit
Street (Public iHEER): Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96819
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Sand Island, Honolulu, HI 96819
Program (Public iHEER): SRP
Status Name (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 2/26/2021 3:36:50 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 831
Tax Map Keys (Public iHEER): 115041000
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 1022
Island (PORTAL): Oahu
Site Name (PORTAL): Sand Island Industrial Park
Address (PORTAL): Sand Island Pkwy
 Honolulu, HI 96819
County (PORTAL): Honolulu
Loc Desc (PORTAL): Sand Island, Honolulu, HI 96819
Program (PORTAL): SRP
Status (PORTAL): NFA - UNCONFIRMED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/1022/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 29, 1992
Type: Phase I Environmental Site Assessment
Title: Sand Island Industrial Park Phase I Environmental Assessment Report Sections IV & V
Document No: 51783
Imported From: 39411#\Heersharepoint1\facilitiesite%20documents\39411.pdf

Locations Details

Locations ID: 7079
Location Type: SB
Description: Sand Island Industrial
Comment : Placed by RPM
Centroid: POINT (-157.87513976553032 21.304230160839449)
Geometry:

POLYGON ((-157.87702707210352 21.307428416387868, -157.87792292991153 21.306313918696514, -157.87846473613595
 21.306448858329126, -157.87938741602142 21.303315228223298, -157.87573961175855 21.303335219695484, -157.87134078897756
 21.301086161982372, -157.87070778764507 21.301166129068768, -157.87048248209589 21.301466005256291, -157.87049321092684
 21.301695909919452, -157.8721239940065 21.304354781185044, -157.87702707210352 21.307428416387868))

Locations ID: 7080
Location Type: SC
Description: Sand Island Industrial
Comment :
Centroid: POINT (-157.875107 21.30444499999991)
Geometry:

POINT (-157.875107 21.30444499999991)

Details

Centroid: POINT (-157.875107 21.304444999999991)
Updated On: 2/26/2021 3:36:50 PM
Coordinates: 21.304444999999991,-157.875107

Site: **Kakaako Mauka**
Ala Moana Blvd Honolulu HI

BROWNFIELDS

iHEER ID (Public iHEER): 313
Island (Public iHEER): Oahu
Site Name (Public iHEER): Kakaako Mauka
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded
Street (Public iHEER): Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): Honolulu
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Bounded by Piikoi St, S King St, Punchbowl St and Ala Moana Blvd
Program (Public iHEER): SRP
Status Name (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 12/3/2020 2:59:56 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 3029
Tax Map Keys (Public iHEER): 121029006, 121029010, 121030003, 121030008, 121030014, 121030017, 121030046, 121030048, 121030050, 121030051, 121030052, 121031002, 121031005, 121031008, 121031010, 121031012, 121031015, 121031020, 121031030, 121031032, 121031033, 121031038, 121031039, 12 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 313
Island (PORTAL): Oahu
Site Name (PORTAL): Kakaako Mauka
Address (PORTAL): Ala Moana Blvd
Honolulu, HI —
County (PORTAL): Honolulu
Loc Desc (PORTAL): Bounded by Piikoi St, S King St, Punchbowl St and Ala Moana Blvd
Program (PORTAL): SRP
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/313/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 28, 1990
Type: Undetermined
Title: Mauka Area Plan Kakaako Community Development District, Honolulu HI
Document No: 165934
Imported From: 38438#\\Heersharepoint1\facilitiesite%20documents\38438.pdf

iHEER System - Documents

Date : Feb 28, 1990
Type: Undetermined
Title: Mauka Area Rules Kakaako Community Development District, Honolulu HI
Document No: 165935
Imported From: 38437#\\Heersharepoint1\facilitiesite%20documents\38437.pdf

Locations Details

Locations ID: 4138
Location Type: SC
Description: Kakaako Mauka
Comment : Google Maps and Doc 165934
Centroid: POINT (-157.85431 21.298699999999997)
Geometry:

POINT (-157.85431 21.298699999999997)

Locations ID: 7431
Location Type: SB
Description: Kakaako Mauka
Comment : Google Maps and Doc 165934
Centroid: POINT (-157.85371652449095 21.298325705295611)
Geometry:

POLYGON ((-157.84780564314016 21.291110185290336, -157.84415783887727 21.29986691716578, -157.85342755323538 21.30306559322975, -157.85492959028059 21.303585371512693, -157.85542311673871 21.303405448468798, -157.85585227018402 21.303805277156325, -157.85816969876905 21.304964774196954, -157.86093773847031 21.303525397189212, -157.8621822834555 21.3025658046841, -157.86310496335892 21.301786131159254, -157.86289038664077 21.299686989568819, -157.86289038664077 21.299227173597671, -157.8622895718191 21.298267553024242, -157.86164584165559 21.297527841222724, -157.86053004270491 21.2964282627447, -157.85894217496707 21.295588579095341, -157.85628142362933 21.294488986110736, -157.85482230191698 21.293709269737267, -157.85284819608464 21.292529690952261, -157.851732397134 21.292129831588838, -157.85089554792322 21.2919898805551, -157.84995141034884 21.291869922419885, -157.84864249235093 21.2913700958024, -157.84780564314016 21.291110185290336))

Details

Centroid: POINT (-157.85431 21.298699999999997)
Updated On: 12/3/2020 2:59:56 PM
Coordinates: 21.298699999999997,-157.85431

Site: **Sause Brothers**
Alakea St Honolulu HI 96817

BROWNFIELDS

iHEER ID (Public iHEER): 2644
Island (Public iHEER): Oahu
Site Name (Public iHEER): Sause Brothers
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3
Street (Public iHEER): Alakea St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96817
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Alakea St
Program (Public iHEER): State
Status Name (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 834
Tax Map Keys (Public iHEER): 115039063
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2644
Island (PORTAL): Oahu
Site Name (PORTAL): Sause Brothers
Address (PORTAL): Alakea St
Honolulu, HI 96817
County (PORTAL): Honolulu
Loc Desc (PORTAL): Alakea St
Program (PORTAL): State
Status (PORTAL): REMEDY SELECTED

Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2644/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Locations Details

Locations ID: 1148
Location Type: SC
Description: Pier 19
Comment : Google Maps and TMK 115039063
Centroid: POINT (-157.867834 21.312173)
Geometry:

POINT (-157.867834 21.312173)

Details

Centroid: POINT (-157.867834 21.312173)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.312173,-157.867834

Site: ***Pali Highway Lead Contamination***
Pali Highway Honolulu HI

BROWNFIELDS

iHEER ID (Public iHEER): 1216
Island (Public iHEER): Oahu
Site Name (Public iHEER): Pali Highway Lead Contamination
Aliases (Public iHEER): Brownfields Low Priority Site
Street (Public iHEER): Pali Highway
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER):
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Pali Highway
Program (Public iHEER): State
Status Name (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 3/4/2021 10:30:51 AM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 3231
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 1216
Island (PORTAL): Oahu
Site Name (PORTAL): Pali Highway Lead Contamination
Address (PORTAL): Pali Highway
Honolulu, HI —
County (PORTAL): Honolulu
Loc Desc (PORTAL): Pali Highway
Program (PORTAL): State
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1216/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 24, 2021
Type: Environmental Hazard Management Plan

Title: (Revised) ENVIRONMENTAL HAZARD MANAGEMENT PLAN PALI HIGHWAY PROJECT CORRIDOR Vineyard Blvd. (Honolulu) to Kamehameha Hwy. (Kaneohe)
Document No: 178882
Imported From:

iHEER System - Documents

Date : May 26, 2021
Type: Undetermined
Title: Alternate Non-Hazardous Waste Disposal Facility Addendum
Document No: 179906
Imported From:

iHEER System - Documents

Date : May 12, 2022
Type: Comment Letter
Title: Analytical Data Response
Document No: 184349
Imported From:

iHEER System - Documents

Date : Feb 10, 2022
Type: Undetermined
Title: Cold Planning Material Destinations
Document No: 182809
Imported From:

iHEER System - Documents

Date : Feb 10, 2022
Type: Undetermined
Title: Cold Planning Material Re-use Request
Document No: 182808
Imported From:

iHEER System - Documents

Date : Jul 12, 2022
Type: Comment Letter
Title: Cold Planning Reuse Locations
Document No: 184848
Imported From:

iHEER System - Documents

Date : Feb 23, 2021
Type: Undetermined
Title: Construction Notification
Document No: 178871
Imported From:

iHEER System - Documents

Date : Feb 23, 2021
Type: Undetermined
Title: Construction Notification
Document No: 178872
Imported From:

iHEER System - Documents

Date : Mar 4, 2020

Type: Environmental Hazard Management Plan
Title: ENVIRONMENTAL HAZARD MANAGEMENT PLAN
Document No: 173360
Imported From:

iHEER System - Documents

Date : Nov 6, 2020
Type: Undetermined
Title: Hazardous Waste Manifests
Document No: 177540
Imported From:

iHEER System - Documents

Date : Apr 25, 2022
Type: Undetermined
Title: Pali Highway Analytical Data
Document No: 184338
Imported From:

iHEER System - Documents

Date : Mar 11, 2021
Type: Undetermined
Title: Pali Highway Resurfacing Construction EHMP Addendum
Document No: 179006
Imported From:

iHEER System - Documents

Date : Mar 5, 2019
Type: Undetermined
Title: PALI HIGHWAY SOIL SAMPLING SUMMARY REPORT, STATIONS 136+00 to 195+00
Document No: 168864
Imported From: 136864#\\Heersharepoint1\facilitysite%20documents\136864.pdf

iHEER System - Documents

Date : Mar 8, 2019
Type: Undetermined
Title: Re: Pali Highway Disposal of Excavated Material
Document No: 168865
Imported From: 136867#\\Heersharepoint1\facilitysite%20documents\136867.pdf

iHEER System - Documents

Date : Mar 3, 2021
Type: Undetermined
Title: Request to Use A Construction Environmental Hazard Management Plan Addendum
Document No: 179001
Imported From:

iHEER System - Documents

Date : Mar 3, 2021
Type: Review Letter
Title: Review of (Revised) Environmental Hazard Management Plan, Pali Highway Project Corridor, Vineyard Blvd. (Honolulu) to Kamehameha Hw
Document No: 178931
Imported From:

iHEER System - Documents

Date : Aug 20, 2020
Type: Comment Letter
Title: Review of Environmental Hazard Management Plan, Pali Highway Project Corridor, Vineyard Blvd. (Honolulu) to Kamehameha Hwy. (Kaneohe), dated February 24, 2020.
Document No: 176454
Imported From:

iHEER System - Documents

Date : Mar 31, 2021
Type: Undetermined
Title: Surface Soil Assessment at the Pauoa Road Staging Area
Document No: 179296
Imported From:

Locations Details

Locations ID: 1562
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.7953 21.36514)
Geometry:

POINT (-157.7953 21.36514)

Details

Centroid: POINT (-157.7953 21.36514)
Updated On: 3/4/2021 10:30:51 AM
Coordinates: 21.36514,-157.7953

Site: **Honolulu Seawater Air Conditioning Project**
Keawe St Honolulu HI 96813

BROWNFIELDS

iHEER ID (Public iHEER): 283
Island (Public iHEER): Oahu
Site Name (Public iHEER): Honolulu Seawater Air Conditioning Project
Aliases (Public iHEER): Brownfields High Priority Site, Construction EHMP, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, Shoreline Special Management Area
Street (Public iHEER): Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER): 96813
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Keawe St, Shoreline to Auahi St
Program (Public iHEER): State
Status Name (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 2057
Tax Map Keys (Public iHEER): 121059012, 121059027, 121060008, 121060009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 283
Island (PORTAL): Oahu
Site Name (PORTAL): Honolulu Seawater Air Conditioning Project
Address (PORTAL): Keawe St
Honolulu, HI 96813
County (PORTAL): Honolulu
Loc Desc (PORTAL): Keawe St, Shoreline to Auahi St
Program (PORTAL): State
Status (PORTAL): REMEDY IN PLACE

Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/283/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 18, 2012
Type: Undetermined
Title: Approval of the EHMP for the Honolulu Seawater Air Conditioning Project
Document No: 140581
Imported From: 2012-019#Q:\2012 Final Correspondence (Day File)\12-019-MGC.pdf

iHEER System - Documents

Date : Dec 15, 2011
Type: Undetermined
Title: CONTINUED DOCS : EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011
Document No: 183057
Imported From:

iHEER System - Documents

Date : Nov 17, 2011
Type: Undetermined
Title: Draft EHMP, Honolulu Sea Water Air Conditioning Project: Pipeline and Jacking Shaft within SMA, Kakaako, Honolulu HI, Nov 2011
Document No: 140587
Imported From: 96730#\Heersharepoint1\facilysite%20documents\96730.pdf

iHEER System - Documents

Date : Feb 2, 2012
Type: Undetermined
Title: EHMP Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area Kakaako, Honolulu HI Revised Jan 19, 2011
Document No: 140586
Imported From: 97793#\Heersharepoint1\facilysite%20documents\97793.pdf

iHEER System - Documents

Date : Dec 15, 2011
Type: Environmental Hazard Management Plan
Title: EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011
Document No: 140589
Imported From: \facilysite documents\media97317\20120103083101374.pdf

iHEER System - Documents

Date : Dec 31, 2011
Type: Undetermined
Title: EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011
Document No: 140590
Imported From: \facilysite documents\media97317\20120103083302142.pdf

iHEER System - Documents

Date : Sep 30, 2009
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, HSWAC Project Pipeline Keawe St from Shoreline to Auahi St, Honolulu, Oahu, Sep 2009
Document No: 140574

Imported From: 96731#\Heersharepoint1\facilitiesite%20documents\96731.pdf

iHEER System - Documents

Date : Feb 1, 2012
Type: Undetermined
Title: Revise EHMP for HSWAC Project within the SMA
Document No: 140578
Imported From: 113337#\Heersharepoint1\facilitiesite%20documents\113337.pdf

Locations Details

Locations ID: 3314
Location Type: SC
Description: Honolulu Seawater AC
Comment : Google Earth
Centroid: POINT (-157.86603299999996 21.294657000000004)
Geometry:

POINT (-157.86603299999996 21.294657000000004)

Locations ID: 7104
Location Type: EHMP
Description: EHMP Pumping /Cooling Sta
Comment : Google Maps and Doc 140590
Centroid: POINT (-157.8627678150973 21.297257839653742)
Geometry:

POLYGON ((-157.86283580685463 21.297612272956037, -157.86313621426541 21.297367367693209, -157.86265341663835 21.296877555943315, -157.86248711968642 21.297027498489019, -157.86257295037012 21.297097471624934, -157.86243347550464 21.297212427418184, -157.86283580685463 21.297612272956037))

Locations ID: 7105
Location Type: EHMP
Description: EHMP Temp. Jacking Shaft
Comment : Google Maps and Doc 140589
Centroid: POINT (-157.86645191848029 21.294633368821138)
Geometry:

POLYGON ((-157.86644337798339 21.29474793878013, -157.8663709583474 21.294715450737222, -157.86641923810473 21.294620485649656, -157.86644069577565 21.294518023248852, -157.86652384426057 21.294548012251628, -157.86649433995746 21.294657971875825, -157.86644337798339 21.29474793878013))

Locations ID: 7106
Location Type: EHMP
Description: EHMP Temp Pipe Staging
Comment : Google Maps and Doc 140589
Centroid: POINT (-157.88544608369716 21.304260594457272)
Geometry:

POLYGON ((-157.88252322104137 21.303491959274169, -157.88149325278337 21.30307213822876, -157.8819224062197 21.301592759269642, -157.88233010199411 21.30157276756038, -157.88353173162847 21.301892634586483, -157.8849693956609 21.301292883340825, -157.8895398798272 21.309069467893213, -157.88887469199278 21.309429299887114, -157.88494793798998 21.302872223023911, -157.88430420782646 21.302732282217917, -157.88252322104137 21.303491959274169))

Details

Centroid: POINT (-157.86603299999996 21.294657000000004)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.294657000000004,-157.86603299999996

Site: Honolulu Harbor Sand Island Unit
Sand Island Pkwy Honolulu HI

BROWNFIELDS

iHEER ID (Public iHEER): 2010

Island (Public iHEER): Oahu
Site Name (Public iHEER): Honolulu Harbor Sand Island Unit
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor
Street (Public iHEER): Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip Code (Public iHEER):
County (Public iHEER): Honolulu
Suppl Loc (Public iHEER): Honolulu Harbor Sand Island Unit
Program (Public iHEER): State
Status Name (Public iHEER): Unreviewed
Lead Agency (Public iHEER): HEER Office
Updated on (Public iHEER): 9/21/2021 4:55:37 PM
Is Public (Public iHEER): TRUE
Ms Access ID (Public iHEER): 2024
Tax Map Keys (Public iHEER): 115041002, 115041003, 115041005, 115041006, 115041014, 115041017, 115041019, 115041022, 115041023, 115041025, 115041026, 115041027, 115041031, 115041034, 115041037, 115041039, 115041040, 115041042, 115041046, 115041049, 115041059, 115041061, 115041064, 11 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):

iHEER ID (PORTAL): 2010
Island (PORTAL): Oahu
Site Name (PORTAL): Honolulu Harbor Sand Island Unit
Address (PORTAL): Sand Island Pkwy
Honolulu, HI —

County (PORTAL): Honolulu
Loc Desc (PORTAL): Honolulu Harbor Sand Island Unit
Program (PORTAL): State
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2010/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

Locations Details

Locations ID: 4192
Location Type: SC
Description: 21.3067, -157.8792
Comment : Placed by RPM close to centroid
Centroid: POINT (-157.8792 21.306700000000014)
Geometry:

POINT (-157.8792 21.306700000000014)

Details

Centroid: POINT (-157.8792 21.306700000000014)
Updated On: 9/21/2021 4:55:37 PM
Coordinates: 21.306700000000014,-157.8792

Site: **Allstate Industrial & Marine Cleaning**
N Nimitz Hwy Honolulu HI

BROWNFIELDS

iHEER ID (Public iHEER): 2609
Island (Public iHEER): Oahu
Site Name (Public iHEER): Allstate Industrial & Marine Cleaning
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Pauley Petroleum
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI

Zip Code (Public iHEER): Honolulu
County (Public iHEER): Honolulu Harbor Pier 32
Suppl Loc (Public iHEER): State
Program (Public iHEER): Remedy Selected
Status Name (Public iHEER): HEER Office
Lead Agency (Public iHEER): 12/1/2020 12:05:01 PM
Updated on (Public iHEER): TRUE
Is Public (Public iHEER): 62
Ms Access ID (Public iHEER): 115035012
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text (Non Public):
iHEER ID (PORTAL): 2609
Island (PORTAL): Oahu
Site Name (PORTAL): Allstate Industrial & Marine Cleaning
Address (PORTAL): N Nimitz Hwy
Honolulu, HI —
County (PORTAL): Honolulu
Loc Desc (PORTAL): Honolulu Harbor Pier 32
Program (PORTAL): State
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2609/details/view>
Data Source: iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 16, 1995
Type: Undetermined
Title: "The Department of Health will be holding a meeting to answer questions regarding the scope of our Investigation and expectations at the 'Honolulu Harbor' site."
Document No: 11708
Imported From: 120844#\Heersharepoint1\facilitiesite%20documents\120844.pdf

iHEER System - Documents

Date : Feb 6, 1995
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1995
Document No: 11710
Imported From: 51458#\Heersharepoint1\facilitiesite%20documents\51458.pdf

Locations Details

Locations ID: 768
Location Type: SC
Description:
Comment : EPO: PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Centroid : POINT (-157.875 21.313999999999986)
Geometry:

POINT (-157.875 21.313999999999986)

Details

Centroid: POINT (-157.875 21.313999999999986)
Updated On: 12/1/2020 12:05:01 PM
Coordinates: 21.313999999999986,-157.875

Site: ALOHA TOWER HONOLULU HI

ERNS

NRC Report No:	707009	Latitude Degrees:	
Type of Incident:	VESSEL	Latitude Minutes:	
Incident Cause:	UNKNOWN	Latitude Seconds:	
Incident Date:	03-Dec-2003 23:10:00	Longitude Degrees:	
Incident Location:		Longitude Minutes:	
Incident Dtg:	DISCOVERED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	OAHU	Location Township:	
Potential Flag:		Location Range:	
Year:	Year 2003 Reports		
Description of Incident:	THE CALLER IS REPORTING A STRONG ODOR OF DIESEL COMING FROM A VESSEL MOORED UP NEXT TO THE REPORTING PARTY'S PLACE OF EMPLOYMENT.		

Material Spill Information

Chris Code:	ODS	Unit of Measure:	UNKNOWN AMOUNT
CAS No:	000000-00-0	If Reached Water:	UNKNOWN
UN No:		Amount in Water:	0
Name of Material:	OIL: DIESEL	Unit Reach Water:	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	04-Dec-2003 04:12:26	Responsible City:	
Date Time Complete:	04-Dec-2003 04:16:12	Responsible State:	XX
Call Type:	INC	Responsible Zip:	
Resp Company:		Source:	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSF No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	13
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	N
NPDES:		Airbag Deployed:	
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	N
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	
Type of Fuel:		Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	

Railroad Hotline:
Railroad Milepost:
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational: Y

RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: UNKNOWN BY CALLER
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: NONE
Medium Desc: AIR
Add Medium Info: UNKNOWN IF ANY MATERIAL IS IN WATER

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: UNKNOWN
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: UNK
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: THE CALLER HAD NO ADDITIONAL INFORMATION.

Site:
RICHARD ST HONOLULU HI

ERNS

NRC Report No: 363421
Type of Incident: PIPELINE
Incident Cause: UNKNOWN
Incident Date: 04-Oct-1996 10:55:00
Incident Location:
Incident Dtg: OCCURRED
Distance from City:
Distance Units:
Direction from City:
Location County: OAHU
Potential Flag:
Year: Year 1996 Reports

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Description of Incident: CABLE FIRE CAUSED ELECTRICAL MAN HOLES TO EXPLODE...IT IS UNKNOWN IF PIPELINE WAS INVOLVED

Calls Information

Date Time Received: 04-Oct-1996 18:17:16
Date Time Complete: 04-Oct-1996 18:29:38
Call Type: INC
Resp Company: BHP GAS CO
Resp Org Type: PRIVATE ENTERPRISE

Responsible City: HONOLULU
Responsible State: HI
Responsible Zip:
Source: UNAVAILABLE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type: UNKNOWN
Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj: UNKNOWN
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type: UNKNOWN
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: U
Railroad Hotline: No
Railroad Milepost: UNKNOWN
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved: UNKNOWN
Device Operational: Y

Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSF No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: N
Airbag Deployed:
Transport Contain: U
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision: N
Type of Structure:
Structure Name:
Structure Oper: Y
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: NONE
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: Y
No. Injured: 2
No. Hospitalized:

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions:
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:

No. Fatalities:		Water Supp Contam:	U
Any Fatalities:	U	Water Temperature:	
Any Damages:	N	Wave Condition:	
Damage Amount:		Current Speed:	
Air Corridor Closed:	N	Current Direction:	
Air Corridor Desc:		Current Speed Unit:	
Air Closure Time:		EMPL Fatality:	
Waterway Closed:	N	Pass Fatality:	
Waterway Desc:		Community Impact:	N
Waterway Close Time:		Passengers Transfer:	UNK
Road Closed:	N	Passenger Injuries:	
Road Desc:		Employee Injuries:	
Road Closure Time:		Occupant Fatality:	
Road Closure Units:		Sheen Size:	
Closure Direction:		Sheen Size Units:	
Major Artery:	No	Sheen Size Length:	
Track Closed:	N	Sheen Size Length U:	
Track Desc:		Sheen Size Width:	
Track Closure Time:		Sheen Size Width U:	
Track Closure Units:		Sheen Color:	
Track Close Dir:		Dir of Sheen Travel:	
Media Interest:		Sheen Odor Desc:	
Medium Desc:	UNKNOWN	Duration Unit:	
Addl Medium Info:		Additional Info:	CALLER WILL CALL BACK IF IT IS DISCOVERED IF PIPELINE WAS INVOLVED AND ANOTHER REPORT WILL BE TAKEN.

Site: **NEAR ALOHA TOWERS HONOLULU HI 96816** ERNS

NRC Report No:	496738	Latitude Degrees:	
Type of Incident:	UNKNOWN SHEEN	Latitude Minutes:	
Incident Cause:	UNKNOWN	Latitude Seconds:	
Incident Date:	28-Aug-1999 08:45:00	Longitude Degrees:	
Incident Location:		Longitude Minutes:	
Incident Dtg:	DISCOVERED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	OAHU	Location Township:	
Potential Flag:		Location Range:	
Year:	Year 1999 Reports		
Description of Incident:	UNKNOWN / UNKNOWN SHEEN SIGHTING, SHEEN SIZE:UNKNOWN / COLOR:RAINBOW		

Material Spill Information

Chris Code:	OUN	Unit of Measure:	UNKNOWN AMOUNT
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	0
Name of Material:	UNKNOWN OIL	Unit Reach Water:	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	28-Aug-1999 14:52:46	Responsible City:	
Date Time Complete:	28-Aug-1999 14:55:52	Responsible State:	XX
Call Type:	INC	Responsible Zip:	
Resp Company:		Source:	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OOSP No:	
Description of Tank:		State Lease No:	

Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type: UNKNOWN
Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj: UNKNOWN
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type: UNKNOWN
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: U
Railroad Hotline: No
Railroad Milepost: UNKNOWN
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved: UNKNOWN
Device Operational: Y

Pier Dock No:
Berth Slip No:
Brake Failure: N
Airbag Deployed:
Transport Contain: U
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision: N
Type of Structure:
Structure Name:
Structure Oper: Y
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: NONE
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: U
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: U
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: Y
Weather Conditions:
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: UNK
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:

Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest:
Medium Desc: WATER
Addl Medium Info: HONOLULU HARBOR

Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: WX: CLEAR TEMP: 82 F WIND: E 8 MPH / NO
ADDITIONAL INFORMATION

Site:
ALOHA TOWER HONOLULU HARBOR HONOLULU HI

ERNS

NRC Report No: 560790
Type of Incident: UNKNOWN SHEEN
Incident Cause: UNKNOWN
Incident Date: 26-Mar-2001 11:45:00
Incident Location: UNKNOWN SHEEN INCIDENT
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Direction from City:
Location County: OAHU
Potential Flag:
Year: Year 2001 Reports
Description of Incident: THE CALLER HAS DISCOVERED A UNKNOWN SHEEN IN THE HONOLULU HARBOR.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: OUN
CAS No: 000000-00-0
UN No:
Name of Material: UNKNOWN OIL
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: UNKNOWN AMOUNT

Calls Information

Date Time Received: 26-Mar-2001 16:52:56
Date Time Complete: 26-Mar-2001 17:01:40
Call Type: INC
Resp Company:
Resp Org Type: UNKNOWN
Responsible City:
Responsible State: XX
Responsible Zip:
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated:
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground:
NPDES:
NPDES Compliance:
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type: UNKNOWN
Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSF No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure:
Airbag Deployed:
Transport Contain:
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision:
Type of Structure:
Structure Name:
Structure Oper:
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:

Road Mile Marker:
Power Gen Facility:
Generating Capacity:
Type of Fixed Obj: UNKNOWN
Type of Fuel:
DOT Crossing No:
DOT Regulated:
Pipeline Type:
Pipeline Abv Ground:
Pipeline Covered:
Exposed Underwater:
Railroad Hotline:
Railroad Milepost:
Grade Crossing:
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational:

CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: NONE
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: NONE
Medium Desc: WATER
Addl Medium Info: HONOLULU HARBOR

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water: HONOLULU HARBOR
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: CLEAR
Air Temperature: 80
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: UNK
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length: 100
Sheen Size Length U: YARDS
Sheen Size Width: 100
Sheen Size Width U: YARDS
Sheen Color: DARK BROWN
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: THE CALLER HAD NO ADDITIONAL INFORMATION.

Site:
 ALOHA TOWER DR EB TO ALA MOANA BLVD HONOLULU HI

ERNS

NRC Report No: 1354576
Type of Incident: MOBILE
Incident Cause: EQUIPMENT FAILURE
Incident Date: 12/9/2022 6:44
Incident Location: LOADING DOCK

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:

Incident Dtg:	OCCURRED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	HONOLULU	Location Township:	
Potential Flag:	No	Location Range:	
Year:	Year 2022 Reports		
Description of Incident:	CALLER STATED A TRASH TRUCK RELEASED HYDRAULIC OIL ONTO THE GROUND DUE TO A RUPTURED HOSE. CALLER STATED THE TRUCK LEFT THE LOADING DOCK AND TRAVELED DOWN ALOHA TOWER DRIVE AND THAN ONTO ALA MOANA BLVD LEAVING A TRAIL / LINE OF OIL.		

Calls Information

Date Time Received:	09-Dec-2022 12:51:00	Responsible City:	
Date Time Complete:	09-Dec-2022 13:06:00	Responsible State:	HI
Call Type:	INC	Responsible Zip:	
Resp Company:	WEST OAHU AGGREGATE CO	Source:	TELEPHONE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSF No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	U
NPDES:		Airbag Deployed:	U
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	U
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:		Structure Oper:	U
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	
Aircraft Hanger:		CR End Date:	
Road Mile Marker:		CR Change Date:	
Power Gen Facility:	U	FBI Contact:	
Generating Capacity:		FBI Contact Dt Tm:	
Type of Fixed Obj:		Passenger Handling:	
Type of Fuel:		Passenger Route:	XXX
DOT Crossing No:		Passenger Delay:	XXX
DOT Regulated:	U	Sub Part C Test Req:	XXX
Pipeline Type:		Conductor Test:	
Pipeline Abv Ground:	ABOVE	Engineer Test:	
Pipeline Covered:	U	Trainman Test:	
Exposed Underwater:	N	Yard Foreman Test:	
Railroad Hotline:		RCL Operator Test:	
Railroad Milepost:		Brakeman Test:	
Grade Crossing:	U	Train Dispat Test:	
Crossing Device Ty:		Signalman Test:	
Ty Vehicle Involved:		Oth Employee Test:	
Device Operational:	U	Unknown Test:	

Incident Details Information

Release Secured:	Y	State Agen Report No:	
Release Rate:		State Agen on Scene:	FD
Release Rate Unit:		State Agen Notified:	HEALTH DEPT
Release Rate Rate:		Fed Agency Notified:	USCG

Est Duration of Rel:**Desc Remedial Act:**

FIRE DEPT CAME OUT AND PLACED SAND ON THE ROAD TO ABSORB THE OIL, WEST OAUH SENT OUT A CLEANING TEAM TO CLEAN UP SPILL FROM THE LOADING DOCK TO DRIVEWAY AND WILL SWEEP UP SAND ON THE ROADWAY, CLEANUP UNDERWAY, CG AND HEALTH DEPT NOTIFIED

Fire Involved:

N

Fire Extinguished:

U

Any Evacuations:

N

No Evacuated:**Who Evacuated:****Radius of Evac:****Any Injuries:**

N

No. Injured:**No. Hospitalized:****No. Fatalities:****Any Fatalities:**

N

Any Damages:

N

Damage Amount:**Air Corridor Closed:**

N

Air Corridor Desc:**Air Closure Time:****Waterway Closed:**

N

Waterway Desc:**Waterway Close Time:****Road Closed:**

N

Road Desc:**Road Closure Time:****Road Closure Units:****Closure Direction:****Major Artery:**

No

Track Closed:

N

Track Desc:**Track Closure Time:****Track Closure Units:****Track Close Dir:****Media Interest:**

UNKNOWN

Medium Desc:

LAND

Addl Medium Info:

ROADWAY

Oth Agency Notified:**Body of Water:****Tributary of:****Near River Mile Make:****Near River Mile Mark:****Offshore:**

N

Weather Conditions:**Air Temperature:****Wind Direction:****Wind Speed:****Wind Speed Unit:****Water Supp Contam:**

U

Water Temperature:**Wave Condition:****Current Speed:****Current Direction:****Current Speed Unit:****EMPL Fatality:****Pass Fatality:****Community Impact:****Passengers Transfer:**

NO

Passenger Injuries:**Employee Injuries:****Occupant Fatality:****Sheen Size:****Sheen Size Units:****Sheen Size Length:****Sheen Size Length U:****Sheen Size Width:****Sheen Size Width U:****Sheen Color:****Dir of Sheen Travel:****Sheen Odor Desc:****Duration Unit:****Additional Info:****Site:** **Howard Hughes****Halekauwila St Honolulu HI 96814**

FED BROWNFIELDS

Property ID:

250326

Property Name:

Howard Hughes

Address:

Halekauwila St

City:

Honolulu

State Code:

HI

Zip Code:

96814

Lat Measure:

21.29758734

Long Measure:

-157.8561964

Primary Name (Map):

HOWARD HUGHES

Location Address (Map):

HALEKAUWILA ST

City Name (Map):

HONOLULU

County Name (Map):

HONOLULU

State Code (Map):

HI

Postal Code (Map):

96814

Latitude (Map):

21.29758734

Longitude (Map):

-157.8561964

Data Source:

USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details**Registry I:**

110071162747

EPA ID:**EPA Region:**

09

BF RLF Gra:**BF RLF Pil:****BF Assess :**

Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	HOWARD HUGHES		
RCRA Drupa:			
Repow Ref :			
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250326.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8561964%2C21.29758734&featype=point&radius=1.0		
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8561964%2C21.29758734&featype=point&radius=1.0		
ERR Lat Lo:		UST Status:	
LUST ID:		UST Substa:	
SAA Site:		UST SPA Fa:	
UST Landus:		UST SPA Wa:	
UST Closed:		UST WHPA F:	
UST Open:		UST WHPA W:	
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Howard Hughes		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:			
REPOW RCRA:			

REPOW Re 1:
REPOW Ref1:
REPOW SF:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29758734
Cleanup Drk Wat:		Longitude Measure:	-157.8561964
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022a		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.11		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	1	Env EC Required:	U

GPA Type Desc: Phase I Environmental Assessment

Dt RLF Loan Signed:

Dt RLF Sbrgrnt Sgnd:

Accmplisht Cnt Flg: Y

Awp Catalyst Yn:

Assess ArsenIC :

Assess Bldg Mats :

Assess Cadmium :

Assess Chromium :

Assess Copper :

Assess Iron :

Assess Mercury :

Assess Nickel :

Assess None :

Assess oorair :

Assess Pesticides :

Assess Svocs :

Assess Unknown :

Clnup Actvy Funded:

Clnup ArsenIC :

Clnup Bldg Mats :

Clnup Cadmium :

Clnup Chromium :

Clnup Copper :

Clnup Cst Shr Amt:

Clnup Doc:

Clnup Iron :

Clnup Mercury :

Clnup Nickel :

Clnup None :

Clnup of Structures:

Clnup oorair :

Clnup Pesticides :

Clnup Selenium :

Clnup Svocs :

Clnup Unkn Media :

Clnup Unknown :

Env Clnup Jobs:

Env Pro Income Amt:

Property Alias:

AA Actvy Funded:

AA Source of Funding:

AA Amt Funding:

Redev Fund Entity:

Redev Lvrgd Srcs:

Redev Cmpltn Date:

Clnup Trmt Tech Info:

EC Data Address:

EC Addl Info:

Env IC Data Address:

IC Addl Info:

Ctmnt Found:

Other Forms of Doc:

Highlights:

Ctmnt Cleanedup:

Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568

Grant Type: Assessment

EPA Region: 09

St Enrollment Dt:

St NFA Dt:

Ownshp Changed :

Ownership Entity: Private

Env IC in Place:

Flg Clnup Trmt Tec:

Flg EC Cover Tech:

Flg EC Eng Barrier:

Flg EC Immblztn:

Flg EC in Place:

Flg EC Other:

Flg EC Required: U

Flg EC Security:

Flg Prop Not Enrld: Y

Excavation Disposl:

Extrctn of Cntmnts:

FCA Fy: FY22

Ftr Multistry Acre:

RFR Notation:

RLF Ln Cst Shr Amt:

RLF Loan Amount:

RLF Subgrant Amt:

Sect 128 A St Trbl:

Interest Rate:

Low Income:

Low Income Pct:

Median Income:

Multipurpose:

Past Mltistry Acre:

Pro Code: BF

Pro Income Amt:

Vacant Housing:

Vacant Housing Pct:

Total Unemployed:

Unemployed Pct:

Below Poverty:

Below Poverty Pct:

Radius:

Actvy Funded:

Cost Share Amt:

Rdctn of Cntmnts:

Removal of Mats:

Repayment Period:

Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:
St Enrollment ID:
Local Parcel No:
Assess Fnd Ent Nm:
Assess Fund Entity:
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name:
Redev Funding Entity Name:
Property Name:
Property Size:
IC Data Address:
IC in Place Date:
Current Owner:
Address:
City:
State Code:
Zip Code:
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

2-1-052-022a

Honolulu Authority for Rapid Transportation

Howard Hughes
.11

Halekauwila St
Honolulu
HI
96814

Coop Agreement No: 99T63501
GPA Type ID: 10
GPA Type Desc: Redevelopment Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbgmnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess Arsenic :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :

Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqcd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevlCes :
Sfllp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.29758734
Longitude Measure: -157.8561964

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblyztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:

Assess oorair :
 Assess Pesticides :
 Assess Selenium :
 Assess Svocs :
 Assess Unknown :
 Clnup Actvy Funded:
 Clnup ArsenIC :
 Clnup Bldg Mats :
 Clnup Cadmium :
 Clnup Chromium :
 Clnup Copper :
 Clnup Cst Shr Amt:
 Clnup Doc:
 Clnup Iron :
 Clnup Mercury :
 Clnup Nickel :
 Clnup None :
 Clnup of Structurs:
 Clnup oorair :
 Clnup Pesticides :
 Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
 Grant Type: Assessment
 EPA Region: 09
 St Enrollment Dt:
 St NFA Dt:
 Ownshp Changed :
 Ownership Entity: Private
 Permit Tools :
 Photo Available :
 Source Mapscale No:
 ASMT Air :
 ASMT Asbestos :
 ASMT Cntrl Sub :
 ASMT Drk Wat:
 ASMT Grd Water:
 ASMT Lead :
 ASMT Oth Cont:
 ASMT Oth Metal :
 ASMT Pahs :
 ASMT PcbS :
 ASMT Sediments :

RFR Notation:
 RLF Ln Cst Shr Amt:
 RLF Loan Amount:
 RLF Subgrant Amt:
 Sect 128 A St Trbl:
 Interest Rate:
 Low Income:
 Low Income Pct:
 Median Income:
 Multipurpose:
 Past Mltistry Acre:
 Pro Code:
 Pro Income Amt:
 Vacant Housing:
 Vacant Housing Pct:
 Total Unemployed:
 Unemployed Pct:
 Below Poverty:
 Below Poverty Pct:
 Radius:
 Actvy Funded:
 Cost Share Amt:
 Rdctn of Cntmnts:
 Removal of Mats:
 Repayment Period:

BF

Cleanup Lead :
 Cleanup Oth Cont:
 Cleanup Oth Metal :
 Cleanup Pahs :
 Cleanup PcbS :
 Clnup Petrol Prod :
 Cleanup Sediments :
 Cleanup Soil :
 Cleanup Srf Water :
 Cleanup Svocs :
 Prop Cntrl :
 Prop Fnding Typ Cd: Hazardous
 Ready For Reuse : N
 Redev Acres:
 Flag Cleanup Reqd: U
 Flag IC in Place:
 Flag IC Required: U
 Past Acres:
 Past Cml Acres:
 Past Grnspc Acres:
 Past Res Acres:

ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlGes :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29758734
Cleanup Drk Wat:		Longitude Measure:	-157.8561964
Cleanup Grd Water:			

St Enrollment ID:
Local Parcel No: 2-1-052-022a
Assess Fnd Ent Nm:
Assess Fund Entity:
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: Howard Hughes
Property Size: .11
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501	Env EC in Place:	
GPA Type ID: 6	Env EC Required:	U
GPA Type Desc: Acres Cleaned Up	Env IC in Place:	
Dt RLF Loan Signed:	Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:	Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Flg EC Eng Barrier:	
Awp Catalyst Yn:	Flag EC Immblztn:	
Assess ArsenIC :	Flag EC in Place:	
Assess Bldg Mats :	Flag EC Other:	
Assess Cadmium :	Flag EC Required:	U
Assess Chromium :	Flag EC Security:	
Assess Copper :	Flg Prop Not Enrld:	Y
Assess Iron :	Excavation Disposl:	
Assess Mercury :	Extrctn of Cntmnts:	
Assess Nickel :	FCA Fy:	
Assess None :	Ftr Multistry Acre:	
Assess oorair :	RFR Notation:	
Assess Pesticides :	RLF Ln Cst Shr Amt:	
Assess Selenium :	RLF Loan Amount:	
Assess Svocs :	RLF Subgrant Amt:	
Assess Unknown :	Sect 128 A St Trbl:	
Clnup Actvy Funded:	Interest Rate:	
Clnup ArsenIC :	Low Income:	
Clnup Bldg Mats :	Low Income Pct:	
Clnup Cadmium :	Median Income:	
Clnup Chromium :	Multipurpose:	
Clnup Copper :	Past Mltistry Acre:	
Clnup Cst Shr Amt:	Pro Code:	BF
Clnup Doc:	Pro Income Amt:	
Clnup Iron :	Vacant Housing:	

Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Adtl Info:
Env IC Data Address:
IC Adtl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevICes :
Sfilp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :

Cleanup Cntrl Sub :		Latitude Measure:	21.29758734
Cleanup Drk Wat:		Longitude Measure:	-157.8561964
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022a		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.11		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	11	Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblyztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:		Pro Income Amt:	
Clnup Iron :		Vacant Housing:	
Clnup Mercury :		Vacant Housing Pct:	
Clnup Nickel :		Total Unemployed:	
Clnup None :		Unemployed Pct:	
Clnup of Structurs:		Below Poverty:	
Clnup oorair :		Below Poverty Pct:	
Clnup Pesticides :		Radius:	
Clnup Selenium :		Actvy Funded:	
Clnup Svocs :		Cost Share Amt:	
Clnup Unkn Media :		Rdctn of Cntmnts:	
Clnup Unknown :		Removal of Mats:	
Env Clnup Jobs:		Repayment Period:	
Env Pro Income Amt:			
Property Alias:			
AA Actvy Funded:			

AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd SrCs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29758734
Cleanup Drk Wat:		Longitude Measure:	-157.8561964
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022a		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.11		
IC Data Address:			

IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 5
GPA Type Desc: Cleanup Activity
Dt RLF Loan Signed:
Dt RLF Sbgmnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Media Affected:

Ctmnt Rec:

Site: Howard Hughes
Halekauwila St Honolulu HI 96814

FED BROWNFIELDS

Property ID: 250324
Property Name: Howard Hughes
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Lat Measure: 21.29797624
Long Measure: -157.8566236
Primary Name (Map): HOWARD HUGHES
Location Address (Map): HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96814
Latitude (Map): 21.29797624
Longitude (Map): -157.8566236
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162745	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	

EPAOSC Sta:
EPAOSC Inc:
Desc :
Ind Name:
Cat Name: Oahu
Sub Name: Oahu
Primary Name: HOWARD HUGHES
RCRA Drupa:
Repow Ref :
Url:

Stimulus S:
Stimulus B:

Census Url: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8566236%2C21.29797624&featype=point&radius=1.0>
ACS Url: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8566236%2C21.29797624&featype=point&radius=1.0>

ERR Lat Lo:
LUST ID:
SAA Site:
UST Landus:
UST Closed:
UST Open:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Howard Hughes
RCRA Han 1:
RCRA Rau I:
REPOW BF:
REPOW RCRA:
REPOW Re 1:
REPOW Ref1:
REPOW SF:

UST Status:
UST Substa:
UST SPA Fa:
UST SPA Wa:
UST WHPA F:
UST WHPA W:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevICes :
Sflp Factor :
Stcntrbg:

Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29797624
Cleanup Drk Wat:		Longitude Measure:	-157.8566236
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022c		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		

Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No:	99T63501
GPA Type ID:	11
GPA Type Desc:	Cleanup Jobs Leveraged
Dt RLF Loan Signed:	
Dt RLF Sbgmnt Sgnd:	
Accmplisht Cnt Flg:	
Awp Catalyst Yn:	
Assess ArsenIC :	
Assess Bldg Mats :	
Assess Cadmium :	
Assess Chromium :	
Assess Copper :	
Assess Iron :	
Assess Mercury :	
Assess Nickel :	
Assess None :	
Assess oorair :	
Assess Pesticides :	
Assess Selenium :	
Assess Svocs :	
Assess Unknown :	
Clnup Actvy Funded:	
Clnup ArsenIC :	
Clnup Bldg Mats :	
Clnup Cadmium :	
Clnup Chromium :	
Clnup Copper :	
Clnup Cst Shr Amt:	
Clnup Doc:	
Clnup Iron :	
Clnup Mercury :	
Clnup Nickel :	
Clnup None :	
Clnup of Structurs:	
Clnup oorair :	
Clnup Pesticides :	
Clnup Selenium :	
Clnup Svocs :	
Clnup Unkn Media :	
Clnup Unknown :	
Env Clnup Jobs:	

Env EC in Place:	
Env EC Required:	U
Env IC in Place:	
Flg Clnup Trmt Tec:	
Flag EC Cover Tech:	
Flag EC Eng Barrier:	
Flag EC Immblztn:	
Flag EC in Place:	
Flag EC Other:	
Flag EC Required:	U
Flag EC Security:	
Flg Prop Not Enrld:	Y
Excavation Disposl:	
Extrctn of Cntmnts:	
FCA Fy:	
Ftr Multistry Acre:	
RFR Notation:	
RLF Ln Cst Shr Amt:	
RLF Loan Amount:	
RLF Subgrant Amt:	
Sect 128 A St Trbl:	
Interest Rate:	
Low Income:	
Low Income Pct:	
Median Income:	
Multipurpose:	
Past Mltistry Acre:	
Pro Code:	BF
Pro Income Amt:	
Vacant Housing:	
Vacant Housing Pct:	
Total Unemployed:	
Unemployed Pct:	
Below Poverty:	
Below Poverty Pct:	
Radius:	
Actvy Funded:	
Cost Share Amt:	
Rdctn of Cntmnts:	
Removal of Mats:	
Repayment Period:	

Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29797624
Cleanup Drk Wat:		Longitude Measure:	-157.8566236
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022c		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			

Property Name: Howard Hughes
Property Size: .01
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 6
GPA Type Desc: Acres Cleaned Up
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Other Forms of Doc:

Highlights:

Ctmnt Cleanedup:

Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29797624
Cleanup Drk Wat:		Longitude Measure:	-157.8566236
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022c		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			

Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 5
GPA Type Desc: Cleanup Activity
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArseniC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArseniC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immbblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :

St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT Pcbcs :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:
St Enrollment ID:
Local Parcel No: 2-1-052-022c
Assess Fnd Ent Nm:
Assess Fund Entity:
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: Howard Hughes
Property Size: .01
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Cleanup Pahs :
Cleanup Pcbcs :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fndng Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqcd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevICes :
Sflp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.29797624
Longitude Measure: -157.8566236

Coop Agreement No: 99T63501
GPA Type ID: 10
GPA Type Desc: Redevelopment Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbgrrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y

Assess Iron :
 Assess Mercury :
 Assess Nickel :
 Assess None :
 Assess oorair :
 Assess Pesticides :
 Assess Selenium :
 Assess Svocs :
 Assess Unknown :
 Clnup Actvy Funded:
 Clnup ArsenIC :
 Clnup Bldg Mats :
 Clnup Cadmium :
 Clnup Chromium :
 Clnup Copper :
 Clnup Cst Shr Amt:
 Clnup Doc:
 Clnup Iron :
 Clnup Mercury :
 Clnup Nickel :
 Clnup None :
 Clnup of Structurs:
 Clnup oorair :
 Clnup Pesticides :
 Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Addl Info:
 Env IC Data Address:
 IC Addl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

 Ctmnt Rec:

Excavation Disposl:
 Extrctn of Cntmnts:
 FCA Fy:
 Ftr Multistry Acre:
 RFR Notation:
 RLF Ln Cst Shr Amt:
 RLF Loan Amount:
 RLF Subgrant Amt:
 Sect 128 A St Trbl:
 Interest Rate:
 Low Income:
 Low Income Pct:
 Median Income:
 Multipurpose:
 Past Mltistry Acre:
 Pro Code: BF
 Pro Income Amt:
 Vacant Housing:
 Vacant Housing Pct:
 Total Unemployed:
 Unemployed Pct:
 Below Poverty:
 Below Poverty Pct:
 Radius:
 Actvy Funded:
 Cost Share Amt:
 Rdctn of Cntmnts:
 Removal of Mats:
 Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
 Grant Type: Assessment
 EPA Region: 09
 St Enrollment Dt:
 St NFA Dt:
 Ownshp Changed :
 Ownership Entity: Private
 Permit Tools :
 Photo Available :
 Source Mapscale No:
 ASMT Air :
 ASMT Asbestos :
 ASMT Cntrl Sub :
 ASMT Drk Wat:
 ASMT Grd Water:
 ASMT Lead :
 ASMT Oth Cont:

Cleanup Lead :
 Cleanup Oth Cont:
 Cleanup Oth Metal :
 Cleanup Pahs :
 Cleanup Pcbs :
 Clnup Petrol Prod :
 Cleanup Sediments :
 Cleanup Soil :
 Cleanup Srf Water :
 Cleanup Svocs :
 Prop Cntrl :
 Prop Fnding Typ Cd: Hazardous
 Ready For Reuse : N
 Redev Acres:
 Flag Cleanup Reqd: U
 Flag IC in Place:
 Flag IC Required: U

ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pchs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29797624
Cleanup Drk Wat:		Longitude Measure:	-157.8566236
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022c		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	1	Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y	Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	FY22
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	

Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Phase I Environmental Assessment

Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Site: **Howard Hughes**
Halekauwila St Honolulu HI 96813

FED BROWNFIELDS

Property ID: 250325
Property Name: Howard Hughes
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Lat Measure: 21.29862627
Long Measure: -157.8572098
Primary Name (Map): HOWARD HUGHES
Location Address (Map): HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96813
Latitude (Map): 21.29862627
Longitude (Map): -157.8572098
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I: 110071162746
EPA ID:
EPA Region: 09
Cat No: 20060000
RCRA Handl:
RCRA Curre:
RCRA Remed:
RCRA Const:
RCRA EI He:
RCRA EI Gm:

BF RLF Gra:
BF RLF Pil:
BF Assess :
BF Cleanup:
BF Tba Ind:
BF 128a In:
BF IC Code: U
BF IC Gc I: U
BF IC Ep I: U
BF IC ID I: U

RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	HOWARD HUGHES		
RCRA Drupa:			
Repow Ref :			
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250325.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8572098%2C21.29862627&featype=point&radius=1.0		
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8572098%2C21.29862627&featype=point&radius=1.0		
ERR Lat Lo:		UST Status:	
LUST ID:		UST Substa:	
SAA Site:		UST SPA Fa:	
UST Landus:		UST SPA Wa:	
UST Closed:		UST WHPA F:	
UST Open:		UST WHPA W:	
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Howard Hughes		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:			
REPOW RCRA:			
REPOW Re 1:			
REPOW Ref1:			
REPOW SF:			

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29862627
Cleanup Drk Wat:		Longitude Measure:	-157.8572098
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022b		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	10	Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblytn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	

Assess Cadmium :
 Assess Chromium :
 Assess Copper :
 Assess Iron :
 Assess Mercury :
 Assess Nickel :
 Assess None :
 Assess oorair :
 Assess Pesticides :
 Assess Selenium :
 Assess Svocs :
 Assess Unknown :
 Clnup Actvy Funded:
 Clnup ArsenIC :
 Clnup Bldg Mats :
 Clnup Cadmium :
 Clnup Chromium :
 Clnup Copper :
 Clnup Cst Shr Amt:
 Clnup Doc:
 Clnup Iron :
 Clnup Mercury :
 Clnup Nickel :
 Clnup None :
 Clnup of Structurs:
 Clnup oorair :
 Clnup Pesticides :
 Clnup Selenium :
 Clnup Svocs :
 Clnup Unkn Media :
 Clnup Unknown :
 Env Clnup Jobs:
 Env Pro Income Amt:
 Property Alias:
 AA Actvy Funded:
 AA Source of Funding:
 AA Amt Funding:
 Redev Fund Entity:
 Redev Lvrgd Srcs:
 Redev Cmpltn Date:
 Clnup Trmt Tech Info:
 EC Data Address:
 EC Adtl Info:
 Env IC Data Address:
 IC Adtl Info:
 Ctmnt Found:
 Other Forms of Doc:
 Highlights:
 Ctmnt Cleanedup:
 Media Affected:

Ctmnt Rec:

Flag EC Required: U
 Flag EC Security:
 Flg Prop Not Enrld: Y
 Excavation Disposl:
 Extrctn of Cntmnts:
 FCA Fy:
 Ftr Multistry Acre:
 RFR Notation:
 RLF Ln Cst Shr Amt:
 RLF Loan Amount:
 RLF Subgrant Amt:
 Sect 128 A St Trbl:
 Interest Rate:
 Low Income:
 Low Income Pct:
 Median Income:
 Multipurpose:
 Past Mltistry Acre:
 Pro Code: BF
 Pro Income Amt:
 Vacant Housing:
 Vacant Housing Pct:
 Total Unemployed:
 Unemployed Pct:
 Below Poverty:
 Below Poverty Pct:
 Radius:
 Actvy Funded:
 Cost Share Amt:
 Rdctn of Cntmnts:
 Removal of Mats:
 Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
 Grant Type: Assessment
 EPA Region: 09
 St Enrollment Dt:
 St NFA Dt:
 Ownshp Changed :
 Ownership Entity: Private
 Permit Tools :
 Photo Available :
 Source Mapscale No:
 ASMT Air :
 ASMT Asbestos :
 ASMT Cntrl Sub :
 ASMT Drk Wat:

Cleanup Lead :
 Cleanup Oth Cont:
 Cleanup Oth Metal :
 Cleanup Pahs :
 Cleanup PcbS :
 Clnup Petrol Prod :
 Cleanup Sediments :
 Cleanup Soil :
 Cleanup Srf Water :
 Cleanup VocS :
 Prop Cntrl :
 Prop Fnding Typ Cd: Hazardous
 Ready For Reuse : N
 Redev Acres:

ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29862627
Cleanup Drk Wat:		Longitude Measure:	-157.8572098
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022b		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	11	Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	

Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:

Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29862627
Cleanup Drk Wat:		Longitude Measure:	-157.8572098
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022b		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	6	Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:		Pro Income Amt:	
Clnup Iron :		Vacant Housing:	
Clnup Mercury :		Vacant Housing Pct:	
Clnup Nickel :		Total Unemployed:	
Clnup None :		Unemployed Pct:	
Clnup of Structurs:		Below Poverty:	
Clnup oorair :		Below Poverty Pct:	
Clnup Pesticides :		Radius:	
Clnup Selenium :		Actvy Funded:	

Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:
St Enrollment ID:
Local Parcel No: 2-1-052-022b
Assess Fnd Ent Nm:
Assess Fund Entity:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevICes :
Sflp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.29862627
Longitude Measure: -157.8572098

Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: Howard Hughes
Property Size: .01
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96813
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	5	Env EC Required:	U
GPA Type Desc:	Cleanup Activity	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbrgrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:	N	Pro Income Amt:	
Clnup Iron :		Vacant Housing:	
Clnup Mercury :		Vacant Housing Pct:	
Clnup Nickel :		Total Unemployed:	
Clnup None :		Unemployed Pct:	
Clnup of Structurs:		Below Poverty:	
Clnup oorair :		Below Poverty Pct:	
Clnup Pesticides :		Radius:	
Clnup Selenium :		Actvy Funded:	
Clnup Svocs :		Cost Share Amt:	
Clnup Unkn Media :		Rdctn of Cntmnts:	
Clnup Unknown :		Removal of Mats:	
Env Clnup Jobs:		Repayment Period:	
Env Pro Income Amt:			
Property Alias:			
AA Actvy Funded:			
AA Source of Funding:			
AA Amt Funding:			
Redev Fund Entity:			
Redev Lvrgd Srcs:			
Redev Cmpltn Date:			
Clnup Trmt Tech Info:			
EC Data Address:			

EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29862627
Cleanup Drk Wat:		Longitude Measure:	-157.8572098
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022b		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.01		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96813		
Horizontal Collection Method:			

Horizontal Reference Datum:

Reference Point:

Other Description:

Other Desc Cleaned Up:

Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 1
GPA Type Desc: Phase I Environmental Assessment
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg: Y
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I Environmental Assessment
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy: FY22
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Site: HCDA

FED BROWNFIELDS

Halekauwila St Honolulu HI 96814

Property ID: 250307
Property Name: HCDA
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Lat Measure: 21.29882766
Long Measure: -157.8571879
Primary Name (Map): HCDA
Location Address (Map): HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96814
Latitude (Map): 21.29882766
Longitude (Map): -157.8571879
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110071162723	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		

Primary Name: HCDA
RCRA Drupa:
Repow Ref :
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2250307.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Uri: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8571879%2C21.29882766&featype=point&radius=1.0
ACS Uri: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8571879%2C21.29882766&featype=point&radius=1.0

ERR Lat Lo:
LUST ID:
SAA Site:
UST Landus:
UST Closed:
UST Open:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: HCDA
RCRA Han 1:
RCRA Rau I:
REPOW BF:
REPOW RCRA:
REPOW Re 1:
REPOW Ref1:
REPOW SF:

UST Status:
UST Substa:
UST SPA Fa:
UST SPA Wa:
UST WHPA F:
UST WHPA W:

Cleanups In My Community (CIMC)

Grant ID: 69604568	Cleanup Lead :
Grant Type: Assessment	Cleanup Oth Cont:
EPA Region: 09	Cleanup Oth Metal :
St Enrollment Dt:	Cleanup Pahs :
St NFA Dt:	Cleanup PcbS :
Ownshp Changed :	Clnup Petrol Prod :
Ownership Entity: Government	Cleanup Sediments :
Permit Tools :	Cleanup Soil :
Photo Available :	Cleanup Srf Water :
Source Mapscale No:	Cleanup VocS :
ASMT Air :	Prop Cntrl :
ASMT Asbestos :	Prop Fnding Typ Cd: Hazardous
ASMT Cntrl Sub :	Ready For Reuse : N
ASMT Drk Wat:	Redev Acres:
ASMT Grd Water:	Flag Cleanup Reqd: U
ASMT Lead :	Flag IC in Place:
ASMT Oth Cont:	Flag IC Required: U
ASMT Oth Metal :	Past Acres:
ASMT Pahs :	Past Cml Acres:
ASMT PcbS :	Past Grnspc Acres:
ASMT Sediments :	Past Res Acres:
ASMT Soil :	Future Acres:
ASMT Srf Water :	Future Cml Acres:
ASMT VocS :	Future Grnspc Acre:
Asses Petrol Prod :	Future Res Acres:
Assess Type:	Redev Amount:
Assess Amount:	Redev Cleanup Jobs:
Assess Cmpltn Dt:	Redev Start Dt:
Assess Start Dt:	Gov Cntrl :
Cleanup Amount:	Info DevICes :
Cleanup Acres:	SflIp Factor :
Cleanup Start Dt:	Stcntrbg:
Cleanup Cmpltn Dt:	Other Media :
Cleanup Air :	Unknown Media :
Cleanup Asbestos :	Video Available :
Cleanup Cntrl Sub :	Latitude Measure: 21.29882766
Cleanup Drk Wat:	Longitude Measure: -157.8571879
Cleanup Grd Water:	

St Enrollment ID:
Local Parcel No: 2-1-050-067
Assess Fnd Ent Nm:
Assess Fund Entity:
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: HCDA
Property Size: .44
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 10
GPA Type Desc: Redevelopment Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbgrrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29882766
Cleanup Drk Wat:		Longitude Measure:	-157.8571879
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-050-067		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	HCDA		
Property Size:	.44		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		

City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 5
GPA Type Desc: Cleanup Activity
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblyzn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Government
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type: Phase I Environmental Assessment
Assess Amount: 1834.41
Assess Cmpltn Dt: 05/31/2021
Assess Start Dt: 04/28/2019
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:
Cleanup Air :
Cleanup Asbestos :
Cleanup Cntrl Sub :
Cleanup Drk Wat:
Cleanup Grd Water:
St Enrollment ID:
Local Parcel No: 2-1-050-067
Assess Fnd Ent Nm: EPA
Assess Fund Entity: US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: HCDA
Property Size: .44
IC Data Address:
IC in Place Date:
Current Owner:
Address: Halekauwila St
City: Honolulu
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:
Coop Agreement No: 99T63501
GPA Type ID: 1
GPA Type Desc: Phase I Environmental Assessment
Dt RLF Loan Signed:
Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqcd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevlCes :
Sflp Factor :
Stcntrbg:
Other Media :
Unknown Media :
Video Available :
Latitude Measure: 21.29882766
Longitude Measure: -157.8571879
Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:

Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg: Y
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:

Phase I Environmental Assessment

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Government
Permit Tools :
Photo Available :

Flag EC Cover Tech:
Flg EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy: FY22
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcbs :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :

Source Mapscale No:**ASMT Air :****ASMT Asbestos :****ASMT Cntrl Sub :****ASMT Drk Wat:****ASMT Grd Water:****ASMT Lead :****ASMT Oth Cont:****ASMT Oth Metal :****ASMT Pahs :****ASMT Pcb's :****ASMT Sediments :****ASMT Soil :****ASMT Srf Water :****ASMT Vocs :****Asses Petrol Prod :****Assess Type:****Assess Amount:****Assess Cmpltn Dt:****Assess Start Dt:****Cleanup Amount:****Cleanup Acres:****Cleanup Start Dt:****Cleanup Cmpltn Dt:****Cleanup Air :****Cleanup Asbestos :****Cleanup Cntrl Sub :****Cleanup Drk Wat:****Cleanup Grd Water:****St Enrollment ID:****Local Parcel No:** 2-1-050-067**Assess Fnd Ent Nm:****Assess Fund Entity:****Cleanup Funding EntityNm:****Cleanup Fund Entity:****Grant Recipient Name:** Honolulu Authority for Rapid Transportation**Redev Funding Entity Name:****Property Name:** HCDA**Property Size:** .44**IC Data Address:****IC in Place Date:****Current Owner:****Address:** Halekauwila St**City:** Honolulu**State Code:** HI**Zip Code:** 96814**Horizontal Collection Method:****Horizontal Reference Datum:****Reference Point:****Other Description:****Other Desc Cleaned Up:****Desc Hist:****Coop Agreement No:** 99T63501**GPA Type ID:** 6**GPA Type Desc:** Acres Cleaned Up**Dt RLF Loan Signed:****Dt RLF Sbgrrnt Sgnd:****Accmplisht Cnt Flg:****Awp Catalyst Yn:****Assess ArseniC :****Assess Bldg Mats :****Assess Cadmium :****Assess Chromium :****Assess Copper :****Assess Iron :****Assess Mercury :****Assess Nickel :****Assess None :****Assess oorair :****Assess Pesticides :****Cleanup Vocs :****Prop Cntrl :****Prop Fnding Typ Cd:** Hazardous**Ready For Reuse :** N**Redev Acres:****Flag Cleanup Req'd:** U**Flag IC in Place:****Flag IC Required:** U**Past Acres:****Past Cml Acres:****Past Grnspc Acres:****Past Res Acres:****Future Acres:****Future Cml Acres:****Future Grnspc Acre:****Future Res Acres:****Redev Amount:****Redev Cleanup Jobs:****Redev Start Dt:****Gov Cntrl :****Info DevlCes :****Sfllp Factor :****Stcntrbg:****Other Media :****Unknown Media :****Video Available :****Latitude Measure:** 21.29882766**Longitude Measure:** -157.8571879**Env EC in Place:****Env EC Required:** U**Env IC in Place:****Flg Clnup Trmt Tec:****Flag EC Cover Tech:****Flag EC Eng Barrier:****Flag EC Immblztn:****Flag EC in Place:****Flag EC Other:****Flag EC Required:** U**Flag EC Security:****Flg Prop Not Enrld:** Y**Excavation Disposl:****Extrctn of Cntmnts:****FCA Fy:****Ftr Multistry Acre:****RFR Notation:****RLF Ln Cst Shr Amt:**

Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Government
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :

RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income:
Low Income Pct:
Median Income:
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing:
Vacant Housing Pct:
Total Unemployed:
Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:

ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29882766
Cleanup Drk Wat:		Longitude Measure:	-157.8571879
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-050-067		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	HCDA		
Property Size:	.44		
IC Data Address:			
IC in Place Date:			
Current Owner:			
Address:	Halekauwila St		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	11	Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	
Clnup Bldg Mats :		Low Income Pct:	
Clnup Cadmium :		Median Income:	
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:		Pro Income Amt:	
Clnup Iron :		Vacant Housing:	
Clnup Mercury :		Vacant Housing Pct:	
Clnup Nickel :		Total Unemployed:	

Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Unemployed Pct:
Below Poverty:
Below Poverty Pct:
Radius:
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Site: Heirs of Charles S. Desky, Trustee
 Queen St HONOLULU HI 96814

FED BROWNFIELDS

Property ID: 241714
Property Name: Heirs of Charles S. Desky, Trustee
Address: Queen St
City: HONOLULU
State Code: HI
Zip Code: 96814
Lat Measure: 21.29565324
Long Measure: -157.8527185
Primary Name (Map): HEIRS OF CHARLES S. DESKY, TRUSTEE
Location Address (Map): QUEEN ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96814
Latitude (Map): 21.29565324
Longitude (Map): -157.8527185
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789571	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	

RCRA IC Pr:
FF RCRA In:
RCRA Trans:
RCRA Tra 1:
RCRA Ec Co:
RCRA IC Co:
RCRA Gpra :
RCRA Rem 2:
RCRA Dru 1:
SF Site ID:
SF Ec Ind:
SF EI Gm C:
SF EI He C:
SF IC Ind:
SF NPL Cod:
SF NPL C 1:
SF Admin F:
FF And Sit:
FF SF Ind:
Map Symbol:
Data Refre:
GIS Refres:
New Site:
EPAOSC Sit:
EPAOSC Res:
EPAOSC R 1:
EPAOSC Sta:
EPAOSC Inc:

B
16-Feb-2023

Desc :
Ind Name:
Cat Name:
Sub Name:
Primary Name:
RCRA Drupa:
Repow Ref :
Url:

Oahu
Oahu
HEIRS OF CHARLES S. DESKY, TRUSTEE

Census Url:

https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:29818
https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241714.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
<https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8527185%2C21.29565324&featype=point&radius=1.0>

ACS Url:

<https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8527185%2C21.29565324&featype=point&radius=1.0>

ERR Lat Lo:

LUST ID:
SAA Site:
UST Landus:
UST Closed:
UST Open:

UST Status:
UST Substa:
UST SPA Fa:
UST SPA Wa:
UST WHPA F:
UST WHPA W:

SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:

BF Prope 1:
RCRA Han 1:
RCRA Rau I:
REPOW BF:
REPOW RCRA:
REPOW Re 1:

Heirs of Charles S. Desky, Trustee

SG

REPOW Ref1:
REPOW SF:

RE-Powering Site Profile
29818

Cleanups In My Community (CIMC)

Grant ID:
Grant Type:
EPA Region:
St Enrollment Dt:
St NFA Dt:

69604568
Assessment
09

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcbss :

Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29565324
Cleanup Drk Wat:		Longitude Measure:	-157.8527185
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-3-003-000		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Heirs of Charles S. Desky, Trustee		
Property Size:	.16		
IC Data Address:			
IC in Place Date:			
Current Owner:	Heirs of Charles S. Desky, Trustee		
Address:	Queen St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	1	Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y	Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	

Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

FCA Fy: FY20
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 1233
Low Income Pct: 22.59
Median Income: 11187
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 347
Vacant Housing Pct: 10.76
Total Unemployed: 326
Unemployed Pct: 5.97
Below Poverty: 388
Below Poverty Pct: 7.11
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:

ASMT Pcb's :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfilp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29565324
Cleanup Drk Wat:		Longitude Measure:	-157.8527185
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-3-003-000		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Heirs of Charles S. Desky, Trustee		
Property Size:	.16		
IC Data Address:			
IC in Place Date:			
Current Owner:	Heirs of Charles S. Desky, Trustee		
Address:	Queen St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	10	Env EC Required:	U
GPA Type Desc:	Redevelopment Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgmnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblyzn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	1233
Clnup Bldg Mats :		Low Income Pct:	22.59
Clnup Cadmium :		Median Income:	11187
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF

Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Pro Income Amt:
Vacant Housing: 347
Vacant Housing Pct: 10.76
Total Unemployed: 326
Unemployed Pct: 5.97
Below Poverty: 388
Below Poverty Pct: 7.11
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:
Assess Cmpltn Dt:
Assess Start Dt:
Cleanup Amount:
Cleanup Acres:
Cleanup Start Dt:
Cleanup Cmpltn Dt:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqcd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:
Redev Start Dt:
Gov Cntrl :
Info DevICes :
Sflp Factor :
Stcntrbg:
Other Media :

Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29565324
Cleanup Drk Wat:		Longitude Measure:	-157.8527185
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-3-003-000		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Heirs of Charles S. Desky, Trustee		
Property Size:	.16		
IC Data Address:			
IC in Place Date:			
Current Owner:	Heirs of Charles S. Desky, Trustee		
Address:	Queen St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	6	Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Dispostl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	1233
Clnup Bldg Mats :		Low Income Pct:	22.59
Clnup Cadmium :		Median Income:	11187
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:	N	Pro Income Amt:	
Clnup Iron :		Vacant Housing:	347
Clnup Mercury :		Vacant Housing Pct:	10.76
Clnup Nickel :		Total Unemployed:	326
Clnup None :		Unemployed Pct:	5.97
Clnup of Structurs:		Below Poverty:	388
Clnup oorair :		Below Poverty Pct:	7.11
Clnup Pesticides :		Radius:	.5
Clnup Selenium :		Actvy Funded:	
Clnup Svocs :		Cost Share Amt:	
Clnup Unkn Media :		Rdctn of Cntmnts:	
Clnup Unknown :		Removal of Mats:	
Env Clnup Jobs:		Repayment Period:	
Env Pro Income Amt:			

Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fndng Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29565324
Cleanup Drk Wat:		Longitude Measure:	-157.8527185
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-3-003-000		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Heirs of Charles S. Desky, Trustee		

Property Size: .16
IC Data Address:
IC in Place Date:
Current Owner: Heirs of Charles S. Desky, Trustee
Address: Queen St
City: HONOLULU
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 11
GPA Type Desc: Cleanup Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbgrrt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblyzn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 1233
Low Income Pct: 22.59
Median Income: 11187
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 347
Vacant Housing Pct: 10.76
Total Unemployed: 326
Unemployed Pct: 5.97
Below Poverty: 388
Below Poverty Pct: 7.11
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29565324
Cleanup Drk Wat:		Longitude Measure:	-157.8527185
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-3-003-000		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Heirs of Charles S. Desky, Trustee		
Property Size:	.16		
IC Data Address:			
IC in Place Date:			
Current Owner:	Heirs of Charles S. Desky, Trustee		
Address:	Queen St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			

Coop Agreement No: 99T63501
GPA Type ID: 5
GPA Type Desc: Cleanup Activity
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 1233
Low Income Pct: 22.59
Median Income: 11187
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 347
Vacant Housing Pct: 10.76
Total Unemployed: 326
Unemployed Pct: 5.97
Below Poverty: 388
Below Poverty Pct: 7.11
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Site: *Howard Hughes*
Halekauwila St HONOLULU HI 96814

FED BROWNFIELDS

Property ID: 241697
Property Name: Howard Hughes
Address: Halekauwila St

City: HONOLULU
State Code: HI
Zip Code: 96814
Lat Measure: 21.29732804
Long Measure: -157.8560799
Primary Name (Map): HOWARD HUGHES
Location Address (Map): HALEKAUWILA ST
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96814
Latitude (Map): 21.29732804
Longitude (Map): -157.8560799
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110070789546	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	
RCRA Ec Co:		LUST State:	
RCRA IC Co:		Congressio:	HI-01
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	HOWARD HUGHES		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:29829		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22241697.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		

Census Uri: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.8560799%2C21.29732804&featype=point&radius=1.0>
ACS Uri: <https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.8560799%2C21.29732804&featype=point&radius=1.0>

ERR Lat Lo:
LUST ID:
SAA Site:
UST Landus:
UST Closed:
UST Open:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Howard Hughes
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGW
REPOW RCRA:
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 29829
REPOW SF:

UST Status:
UST Substa:
UST SPA Fa:
UST SPA Wa:
UST WHPA F:
UST WHPA W:

Cleanups In My Community (CIMC)

Grant ID: 69604568	Cleanup Lead :
Grant Type: Assessment	Cleanup Oth Cont:
EPA Region: 09	Cleanup Oth Metal :
St Enrollment Dt:	Cleanup Pahs :
St NFA Dt:	Cleanup PcbS :
Ownshp Changed :	Clnup Petrol Prod :
Ownership Entity: Private	Cleanup Sediments :
Permit Tools :	Cleanup Soil :
Photo Available :	Cleanup Srf Water :
Source Mapscale No:	Cleanup VocS :
ASMT Air :	Prop Cntrl :
ASMT Asbestos :	Prop Fnding Typ Cd: Hazardous
ASMT Cntrl Sub :	Ready For Reuse : N
ASMT Drk Wat:	Redev Acres:
ASMT Grd Water:	Flag Cleanup Reqcd: U
ASMT Lead :	Flag IC in Place:
ASMT Oth Cont:	Flag IC Required: U
ASMT Oth Metal :	Past Acres:
ASMT Pahs :	Past Cml Acres:
ASMT PcbS :	Past Grnspc Acres:
ASMT Sediments :	Past Res Acres:
ASMT Soil :	Future Acres:
ASMT Srf Water :	Future Cml Acres:
ASMT VocS :	Future Grnspc Acre:
Asses Petrol Prod :	Future Res Acres:
Assess Type:	Redev Amount:
Assess Amount:	Redev Cleanup Jobs:
Assess Cmpltn Dt:	Redev Start Dt:
Assess Start Dt:	Gov Cntrl :
Cleanup Amount:	Info DevlCes :
Cleanup Acres:	Sflp Factor :
Cleanup Start Dt:	Stcntrbg:
Cleanup Cmpltn Dt:	Other Media :
Cleanup Air :	Unknown Media :
Cleanup Asbestos :	Video Available :
Cleanup Cntrl Sub :	Latitude Measure: 21.29732804
Cleanup Drk Wat:	Longitude Measure: -157.8560799
Cleanup Grd Water:	
St Enrollment ID:	
Local Parcel No: 2-1-052-022d	
Assess Fnd Ent Nm:	
Assess Fund Entity:	

Cleanup Funding EntityNm:
Cleanup Fund Entity:
Grant Recipient Name: Honolulu Authority for Rapid Transportation
Redev Funding Entity Name:
Property Name: Howard Hughes
Property Size: .8
IC Data Address:
IC in Place Date:
Current Owner: Howard Hughes
Address: Halekauwila St
City: HONOLULU
State Code: HI
Zip Code: 96814
Horizontal Collection Method:
Horizontal Reference Datum:
Reference Point:
Other Description:
Other Desc Cleaned Up:
Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 10
GPA Type Desc: Redevelopment Jobs Leveraged
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc:
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 907
Low Income Pct: 16.21
Median Income: 13078
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 442
Vacant Housing Pct: 12.54
Total Unemployed: 282
Unemployed Pct: 5.04
Below Poverty: 334
Below Poverty Pct: 5.97
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbs :	
Ownshp Changed :		Cinup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acrc:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29732804
Cleanup Drk Wat:		Longitude Measure:	-157.8560799
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022d		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.8		
IC Data Address:			
IC in Place Date:			
Current Owner:	Howard Hughes		
Address:	Halekauwila St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			

Horizontal Reference Datum:

Reference Point:

Other Description:

Other Desc Cleaned Up:

Desc Hist:

Coop Agreement No: 99T63501
GPA Type ID: 6
GPA Type Desc: Acres Cleaned Up
Dt RLF Loan Signed:
Dt RLF Sbrgrnt Sgnd:
Accmplisht Cnt Flg:
Awp Catalyst Yn:
Assess ArsenIC :
Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Env EC in Place:
Env EC Required: U
Env IC in Place:
Flg Clnup Trmt Tec:
Flag EC Cover Tech:
Flag EC Eng Barrier:
Flag EC Immblztn:
Flag EC in Place:
Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 907
Low Income Pct: 16.21
Median Income: 13078
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 442
Vacant Housing Pct: 12.54
Total Unemployed: 282
Unemployed Pct: 5.04
Below Poverty: 334
Below Poverty Pct: 5.97
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID:	69604568	Cleanup Lead :	
Grant Type:	Assessment	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup PcbS :	
Ownshp Changed :		Clnup Petrol Prod :	
Ownership Entity:	Private	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :		Cleanup Srf Water :	
Source Mapscale No:		Cleanup VocS :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqcd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29732804
Cleanup Drk Wat:		Longitude Measure:	-157.8560799
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022d		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.8		
IC Data Address:			
IC in Place Date:			
Current Owner:	Howard Hughes		
Address:	Halekauwila St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	5	Env EC Required:	U
GPA Type Desc:	Cleanup Activity	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblyzn:	
Assess ArsenIC :		Flag EC in Place:	

Assess Bldg Mats :
Assess Cadmium :
Assess Chromium :
Assess Copper :
Assess Iron :
Assess Mercury :
Assess Nickel :
Assess None :
Assess oorair :
Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Flag EC Other:
Flag EC Required: U
Flag EC Security:
Flg Prop Not Enrld: Y
Excavation Disposl:
Extrctn of Cntmnts:
FCA Fy:
Ftr Multistry Acre:
RFR Notation:
RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 907
Low Income Pct: 16.21
Median Income: 13078
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 442
Vacant Housing Pct: 12.54
Total Unemployed: 282
Unemployed Pct: 5.04
Below Poverty: 334
Below Poverty Pct: 5.97
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Svocs :
Prop Cntrl :
Prop Fndng Typ Cd: Hazardous
Ready For Reuse : N

ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	
ASMT Pahs :		Past Cml Acres:	
ASMT PcbS :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :		Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT VocS :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase I Environmental Assessment	Redev Amount:	
Assess Amount:	1834.41	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	05/31/2021	Redev Start Dt:	
Assess Start Dt:	04/28/2019	Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29732804
Cleanup Drk Wat:		Longitude Measure:	-157.8560799
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022d		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.8		
IC Data Address:			
IC in Place Date:			
Current Owner:	Howard Hughes		
Address:	Halekauwila St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	1	Env EC Required:	U
GPA Type Desc:	Phase I Environmental Assessment	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:	Y	Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenlC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	FY20
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	

Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase I
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Ctmnt Rec:

Low Income: 907
Low Income Pct: 16.21
Median Income: 13078
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 442
Vacant Housing Pct: 12.54
Total Unemployed: 282
Unemployed Pct: 5.04
Below Poverty: 334
Below Poverty Pct: 5.97
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Cleanups In My Community (CIMC)

Grant ID: 69604568
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed :
Ownership Entity: Private
Permit Tools :
Photo Available :
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :
ASMT Soil :
ASMT Srf Water :
ASMT VocS :
Asses Petrol Prod :
Assess Type:
Assess Amount:

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fndng Typ Cd: Hazardous
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place:
Flag IC Required: U
Past Acres:
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:

Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	
Cleanup Cntrl Sub :		Latitude Measure:	21.29732804
Cleanup Drk Wat:		Longitude Measure:	-157.8560799
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	2-1-052-022d		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Honolulu Authority for Rapid Transportation		
Redev Funding Entity Name:			
Property Name:	Howard Hughes		
Property Size:	.8		
IC Data Address:			
IC in Place Date:			
Current Owner:	Howard Hughes		
Address:	Halekauwila St		
City:	HONOLULU		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:			
Horizontal Reference Datum:			
Reference Point:			
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:			
Coop Agreement No:	99T63501	Env EC in Place:	
GPA Type ID:	11	Env EC Required:	U
GPA Type Desc:	Cleanup Jobs Leveraged	Env IC in Place:	
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	907
Clnup Bldg Mats :		Low Income Pct:	16.21
Clnup Cadmium :		Median Income:	13078
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:		Pro Income Amt:	
Clnup Iron :		Vacant Housing:	442
Clnup Mercury :		Vacant Housing Pct:	12.54
Clnup Nickel :		Total Unemployed:	282
Clnup None :		Unemployed Pct:	5.04
Clnup of Structurs:		Below Poverty:	334
Clnup oorair :		Below Poverty Pct:	5.97
Clnup Pesticides :		Radius:	.5

Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:
Ctmnt Cleanedup:
Media Affected:

Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

Ctmnt Rec:

Site: **Kaka'ako Makai Parcel I**
Forrest Avenue Honolulu HI 96814

FED BROWNFIELDS

Property ID: 164401
Property Name: Kaka'ako Makai Parcel I
Address: Forrest Avenue
City: Honolulu
State Code: HI
Zip Code: 96814
Lat Measure: 21.298759818871833
Long Measure: -157.8633639656067
Primary Name (Map): KAKA'AKO MAKAI PARCEL I
Location Address (Map): FORREST AVENUE
City Name (Map): HONOLULU
County Name (Map): HONOLULU
State Code (Map): HI
Postal Code (Map): 96814
Latitude (Map): 21.2987598189
Longitude (Map): -157.863363966
Data Source: USEPA - CIMC Export BF Properties; USEPA - CIMC Web Map Service BF Properties

Brownfields Details

Registry I:	110055950591	BF RLF Gra:	
EPA ID:		BF RLF Pil:	
EPA Region:	09	BF Assess :	
Cat No:	20060000	BF Cleanup:	
RCRA Handl:		BF Tba Ind:	Y
RCRA Curre:		BF 128a In:	
RCRA Remed:		BF IC Code:	U
RCRA Const:		BF IC Gc I:	U
RCRA EI He:		BF IC Ep I:	U
RCRA EI Gm:		BF IC ID I:	U
RCRA Rem 1:		BF IC Pr I:	U
RCRA Ec Gw:		FF Brac In:	
RCRA Ec Ng:		BF RLF Ind:	
RCRA IC Ep:		BF Assess1:	Y
RCRA IC Gc:		BF Multipu:	
RCRA IC ID:		BF Awp Ind:	
RCRA IC Pr:		BF Showcas:	
FF RCRA In:		BF 128a P :	
RCRA Trans:		LUST Relea:	
RCRA Tra 1:		LUST Award:	

RCRA Ec Co:		LUST State:	HI-01
RCRA IC Co:		Congressio:	
RCRA Gpra :		FD Agency :	
RCRA Rem 2:		FD Listing:	
RCRA Dru 1:		FD Non NPL:	
SF Site ID:		FD RCRA Ha:	
SF Ec Ind:		FD RCRA Ca:	
SF EI Gm C:		FD SF NPL :	
SF EI He C:		FD FF Ind:	
SF IC Ind:		FD Ej Code:	
SF NPL Cod:		FD Brac In:	
SF NPL C 1:		FD Federal:	
SF Admin F:		FD Hrs Sco:	
FF And Sit:		FD Ongoing:	
FF SF Ind:		FD NPL Sta:	
Map Symbol:	B	FD Non N 1:	
Data Refre:	16-Feb-2023	FD RCRA Gw:	
GIS Refres:		FD RCRA He:	
New Site:		FD GMS Sur:	
EPAOSC Sit:		FD Hes Sur:	
EPAOSC Res:		FD SF Site:	
EPAOSC R 1:		FD Brac Ro:	
EPAOSC Sta:		Stimulus S:	
EPAOSC Inc:		Stimulus B:	
Desc :			
Ind Name:			
Cat Name:	Oahu		
Sub Name:	Oahu		
Primary Name:	KAKA'AKO MAKAI PARCEL I		
RCRA Drupa:			
Repow Ref :			
Url:	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:37206		
	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22164401.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-157.86336396560702%2C21.2987598188718&featype=point&radius=1.0		
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-157.86336396560702%2C21.2987598188718&featype=point&radius=1.0		
ERR Lat Lo:		UST Status:	
LUST ID:		UST Substa:	
SAA Site:		UST SPA Fa:	
UST Landus:		UST SPA Wa:	
UST Closed:		UST WHPA F:	
UST Open:		UST WHPA W:	
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Kaka'ako Makai Parcel I		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGW		
REPOW RCRA:			
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	37206		
REPOW SF:			

Cleanups In My Community (CIMC)

Grant ID:	69605825	Cleanup Lead :	
Grant Type:	TBA	Cleanup Oth Cont:	
EPA Region:	09	Cleanup Oth Metal :	
St Enrollment Dt:		Cleanup Pahs :	
St NFA Dt:		Cleanup Pcbcs :	
Ownshp Changed :	N	Clnup Petrol Prod :	
Ownership Entity:	Government	Cleanup Sediments :	
Permit Tools :		Cleanup Soil :	
Photo Available :	Y	Cleanup Srf Water :	

Source Mapscale No:		Cleanup Vocs :	
ASMT Air :		Prop Cntrl :	
ASMT Asbestos :		Prop Fnding Typ Cd:	Hazardous & Petroleum
ASMT Cntrl Sub :		Ready For Reuse :	N
ASMT Drk Wat:		Redev Acres:	
ASMT Grd Water:		Flag Cleanup Reqd:	U
ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	3.26
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.298759818871833
Cleanup Drk Wat:		Longitude Measure:	-157.8633639656067
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	(1) 2-1-015:061		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	R9 TBA - Hawaii (STAG Funded)		
Redev Funding Entity Name:			
Property Name:	Kaka'ako Makai Parcel I		
Property Size:	3.26		
IC Data Address:			
IC in Place Date:			
Current Owner:	Office of Hawaiian Affairs		
Address:	Forrest Avenue		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:	Interpolation-Map		
Horizontal Reference Datum:	World Geodetic System of 1984		
Reference Point:	Center of a Facility or Station		
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:	1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.		
Coop Agreement No:	n/a	Env EC in Place:	N
GPA Type ID:	6	Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up	Env IC in Place:	N
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	N
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	

Assess Pesticides :
Assess Selenium :
Assess Svocs :
Assess Unknown :
Clnup Actvy Funded:
Clnup ArsenIC :
Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Adtl Info:
Env IC Data Address:
IC Adtl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:

A Phase I Environmental Site Assessment, performed by the site owner, identified RECs related to known surface soil contamination near a former boiler room, potential subsurface soil contamination related to incinerator ash, which may have been used as fill, the past presence of large above-ground storage tanks, and surface soil petroleum contamination which may or may not be associated with the tanks. A field sampling plan was prepared to further assess the RECs identified. The project was cancelled by the U.S. EPA before the sampling plan was implemented. Former Use: 1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.

Ctmnt Cleanedup:
Media Affected:

Soil

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69601445
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed : N
Ownership Entity: Government
Permit Tools :
Photo Available : Y
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:

RLF Ln Cst Shr Amt:
RLF Loan Amount:
RLF Subgrant Amt:
Sect 128 A St Trbl:
Interest Rate:
Low Income: 371
Low Income Pct: 33.48
Median Income: 5912
Multipurpose:
Past Mltistry Acre:
Pro Code:
Pro Income Amt:
Vacant Housing: 94
Vacant Housing Pct: 13.06
Total Unemployed: 37
Unemployed Pct: 3.34
Below Poverty: 139
Below Poverty Pct: 12.55
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

ASMT Lead :		Flag IC in Place:	N
ASMT Oth Cont:		Flag IC Required:	U
ASMT Oth Metal :		Past Acres:	3.26
ASMT Pahs :		Past Cml Acres:	
ASMT Pcbs :		Past Grnspc Acres:	
ASMT Sediments :		Past Res Acres:	
ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:		Redev Amount:	
Assess Amount:		Redev Cleanup Jobs:	
Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:		Gov Cntrl :	
Cleanup Amount:		Info DevICes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.298759818871833
Cleanup Drk Wat:		Longitude Measure:	-157.8633639656067
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	(1) 2-1-015:061		
Assess Fnd Ent Nm:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Office of Hawaiian Affairs		
Redev Funding Entity Name:			
Property Name:	Kaka'ako Makai Parcel I		
Property Size:	3.26		
IC Data Address:			
IC in Place Date:			
Current Owner:	Office of Hawaiian Affairs		
Address:	Forrest Avenue		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:	Interpolation-Map		
Horizontal Reference Datum:	World Geodetic System of 1984		
Reference Point:	Center of a Facility or Station		
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:	1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.		
Coop Agreement No:	99T02101	Env EC in Place:	N
GPA Type ID:	6	Env EC Required:	U
GPA Type Desc:	Acres Cleaned Up	Env IC in Place:	N
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:		Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	N
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	371

Clnup Bldg Mats :
Clnup Cadmium :
Clnup Chromium :
Clnup Copper :
Clnup Cst Shr Amt:
Clnup Doc: N
Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:

Low Income Pct: 33.48
Median Income: 5912
Multipurpose:
Past Mltistry Acre:
Pro Code: BF
Pro Income Amt:
Vacant Housing: 94
Vacant Housing Pct: 13.06
Total Unemployed: 37
Unemployed Pct: 3.34
Below Poverty: 139
Below Poverty Pct: 12.55
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

A Phase I Environmental Site Assessment, performed by the site owner, identified RECs related to known surface soil contamination near a former boiler room, potential subsurface soil contamination related to incinerator ash, which may have been used as fill, the past presence of large above-ground storage tanks, and surface soil petroleum contamination which may or may not be associated with the tanks. A field sampling plan was prepared to further assess the RECs identified. The project was cancelled by the U.S. EPA before the sampling plan was implemented. Former Use: 1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.

Ctmnt Cleanedup:
Media Affected:

Soil

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69605825
Grant Type: TBA
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed : N
Ownership Entity: Government
Permit Tools :
Photo Available : Y
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT PcbS :
ASMT Sediments :

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup PcbS :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup VocS :
Prop Cntrl :
Prop Fnding Typ Cd: Hazardous & Petroleum
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place: N
Flag IC Required: U
Past Acres: 3.26
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:

ASMT Soil :	Y	Future Acres:	
ASMT Srf Water :		Future Cml Acres:	
ASMT Vocs :		Future Grnspc Acre:	
Asses Petrol Prod :		Future Res Acres:	
Assess Type:	Phase II Environmental Assessment	Redev Amount:	
Assess Amount:	55000	Redev Cleanup Jobs:	
Assess Cmpltn Dt:	07/15/2013	Redev Start Dt:	
Assess Start Dt:	08/01/2012	Gov Cntrl :	
Cleanup Amount:		Info DevlCes :	
Cleanup Acres:		Sfllp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.298759818871833
Cleanup Drk Wat:		Longitude Measure:	-157.8633639656067
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	(1) 2-1-015:061		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - TBA Funding		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	R9 TBA - Hawaii (STAG Funded)		
Redev Funding Entity Name:			
Property Name:	Kaka'ako Makai Parcel I		
Property Size:	3.26		
IC Data Address:			
IC in Place Date:			
Current Owner:	Office of Hawaiian Affairs		
Address:	Forrest Avenue		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:	Interpolation-Map		
Horizontal Reference Datum:	World Geodetic System of 1984		
Reference Point:	Center of a Facility or Station		
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:	1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.		
Coop Agreement No:	n/a	Env EC in Place:	N
GPA Type ID:	2	Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment	Env IC in Place:	N
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:	N	Flag EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArsenIC :		Flag EC in Place:	N
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	FY13
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArsenIC :		Low Income:	371
Clnup Bldg Mats :		Low Income Pct:	33.48
Clnup Cadmium :		Median Income:	5912
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	
Clnup Doc:	N	Pro Income Amt:	

Clnup Iron :
Clnup Mercury :
Clnup Nickel :
Clnup None :
Clnup of Structurs:
Clnup oorair :
Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded:
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:

Vacant Housing: 94
Vacant Housing Pct: 13.06
Total Unemployed: 37
Unemployed Pct: 3.34
Below Poverty: 139
Below Poverty Pct: 12.55
Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

A Phase I Environmental Site Assessment, performed by the site owner, identified RECs related to known surface soil contamination near a former boiler room, potential subsurface soil contamination related to incinerator ash, which may have been used as fill, the past presence of large above-ground storage tanks, and surface soil petroleum contamination which may or may not be associated with the tanks. A field sampling plan was prepared to further assess the RECs identified. The project was cancelled by the U.S. EPA before the sampling plan was implemented. Former Use: 1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.

Ctmnt Cleanedup:
Media Affected:

Soil

Ctmnt Rec:

Cleanups In My Community (CIMC)

Grant ID: 69601445
Grant Type: Assessment
EPA Region: 09
St Enrollment Dt:
St NFA Dt:
Ownshp Changed : N
Ownership Entity: Government
Permit Tools :
Photo Available : Y
Source Mapscale No:
ASMT Air :
ASMT Asbestos :
ASMT Cntrl Sub :
ASMT Drk Wat:
ASMT Grd Water:
ASMT Lead :
ASMT Oth Cont:
ASMT Oth Metal :
ASMT Pahs :
ASMT Pcbs :
ASMT Sediments :
ASMT Soil : Y
ASMT Srf Water :
ASMT Vocs :
Asses Petrol Prod :
Assess Type: Phase II Environmental Assessment
Assess Amount: 51789

Cleanup Lead :
Cleanup Oth Cont:
Cleanup Oth Metal :
Cleanup Pahs :
Cleanup Pcbs :
Clnup Petrol Prod :
Cleanup Sediments :
Cleanup Soil :
Cleanup Srf Water :
Cleanup Vocs :
Prop Cntrl :
Prop Fndng Typ Cd: Hazardous & Petroleum
Ready For Reuse : N
Redev Acres:
Flag Cleanup Reqd: U
Flag IC in Place: N
Flag IC Required: U
Past Acres: 3.26
Past Cml Acres:
Past Grnspc Acres:
Past Res Acres:
Future Acres:
Future Cml Acres:
Future Grnspc Acre:
Future Res Acres:
Redev Amount:
Redev Cleanup Jobs:

Assess Cmpltn Dt:		Redev Start Dt:	
Assess Start Dt:	06/01/2015	Gov Cntrl :	
Cleanup Amount:		Info DeviCes :	
Cleanup Acres:		Sflp Factor :	
Cleanup Start Dt:		Stcntrbg:	
Cleanup Cmpltn Dt:		Other Media :	
Cleanup Air :		Unknown Media :	
Cleanup Asbestos :		Video Available :	N
Cleanup Cntrl Sub :		Latitude Measure:	21.298759818871833
Cleanup Drk Wat:		Longitude Measure:	-157.8633639656067
Cleanup Grd Water:			
St Enrollment ID:			
Local Parcel No:	(1) 2-1-015:061		
Assess Fnd Ent Nm:	EPA		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Grant Recipient Name:	Office of Hawaiian Affairs		
Redev Funding Entity Name:			
Property Name:	Kaka'ako Makai Parcel I		
Property Size:	3.26		
IC Data Address:			
IC in Place Date:			
Current Owner:	Office of Hawaiian Affairs		
Address:	Forrest Avenue		
City:	Honolulu		
State Code:	HI		
Zip Code:	96814		
Horizontal Collection Method:	Interpolation-Map		
Horizontal Reference Datum:	World Geodetic System of 1984		
Reference Point:	Center of a Facility or Station		
Other Description:			
Other Desc Cleaned Up:			
Desc Hist:	1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.		
Coop Agreement No:	99T02101	Env EC in Place:	N
GPA Type ID:	2	Env EC Required:	U
GPA Type Desc:	Phase II Environmental Assessment	Env IC in Place:	N
Dt RLF Loan Signed:		Flg Clnup Trmt Tec:	
Dt RLF Sbgrrnt Sgnd:		Flag EC Cover Tech:	
Accmplisht Cnt Flg:	N	Flg EC Eng Barrier:	
Awp Catalyst Yn:		Flag EC Immblztn:	
Assess ArseniC :		Flag EC in Place:	N
Assess Bldg Mats :		Flag EC Other:	
Assess Cadmium :		Flag EC Required:	U
Assess Chromium :		Flag EC Security:	
Assess Copper :		Flg Prop Not Enrld:	Y
Assess Iron :		Excavation Disposl:	
Assess Mercury :		Extrctn of Cntmnts:	
Assess Nickel :		FCA Fy:	
Assess None :		Ftr Multistry Acre:	
Assess oorair :		RFR Notation:	
Assess Pesticides :		RLF Ln Cst Shr Amt:	
Assess Selenium :		RLF Loan Amount:	
Assess Svocs :		RLF Subgrant Amt:	
Assess Unknown :		Sect 128 A St Trbl:	
Clnup Actvy Funded:		Interest Rate:	
Clnup ArseniC :		Low Income:	371
Clnup Bldg Mats :		Low Income Pct:	33.48
Clnup Cadmium :		Median Income:	5912
Clnup Chromium :		Multipurpose:	
Clnup Copper :		Past Mltistry Acre:	
Clnup Cst Shr Amt:		Pro Code:	BF
Clnup Doc:	N	Pro Income Amt:	
Clnup Iron :		Vacant Housing:	94
Clnup Mercury :		Vacant Housing Pct:	13.06
Clnup Nickel :		Total Unemployed:	37
Clnup None :		Unemployed Pct:	3.34
Clnup of Structures:		Below Poverty:	139
Clnup oorair :		Below Poverty Pct:	12.55

Clnup Pesticides :
Clnup Selenium :
Clnup Svocs :
Clnup Unkn Media :
Clnup Unknown :
Env Clnup Jobs:
Env Pro Income Amt:
Property Alias:
AA Actvy Funded: Phase II
AA Source of Funding:
AA Amt Funding:
Redev Fund Entity:
Redev Lvrgd Srcs:
Redev Cmpltn Date:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
IC Addl Info:
Ctmnt Found:
Other Forms of Doc:
Highlights:

Radius: .5
Actvy Funded:
Cost Share Amt:
Rdctn of Cntmnts:
Removal of Mats:
Repayment Period:

A Phase I Environmental Site Assessment, performed by the site owner, identified RECs related to known surface soil contamination near a former boiler room, potential subsurface soil contamination related to incinerator ash, which may have been used as fill, the past presence of large above-ground storage tanks, and surface soil petroleum contamination which may or may not be associated with the tanks. A field sampling plan was prepared to further assess the RECs identified. The project was cancelled by the U.S. EPA before the sampling plan was implemented. Former Use: 1897-1950 part of Fort Armstrong; 1950-1979 warehouse and housed large above-ground storage tanks; and 1979-present temporary vehicle storage, vacant, and leased out.

Ctmnt Cleanedup:
Media Affected:

Soil

Ctmnt Rec:

Site: HONOLULU INTERNATIONAL AIRPORT
 NIMITZ HWY HONOLULU HI

FRP

Facility ID:		Latitude83:	21.321833
Pgm Sys ID:	R9-HI-00021	Longitude83:	-157.925167
Facility Name (FOIA):			
Street Address (FOIA):			
Street Address 2 (FOIA):			
City (FOIA):			
State (FOIA):			
Postal Code (FOIA):			
Facility Name (REST):	HONOLULU INTERNATIONAL AIRPORT		
Street Address (REST):	NIMITZ HWY		
City (REST):	HONOLULU		
County (REST):	HONOLULU		
State Code (REST):	HI		
Postal Code (REST):	96818		
Source:	Facility Response Plan EPA Map Services		

REST Detail

Registry ID:	110032911393	FIPS Code:	
Interest Type:	FRP	HUC8 Code:	20060000
PGM Sys Acronym:	OIL	Public Ind:	Y
PGM Report:	no data yet	Program Ur:	
Active Sta:	Y	X:	-17580149.1739
Accuracy V:	0	Y:	2430295.3683
Collect Mt:			
Ref Point :			
Fac URL:	http://oaspub.epa.gov/enviro/fac_gateway.main?p_regid=110032911393		

Site: NIMITZ HIGHWAY HONOLULU HI

HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1992030470
Report Type: A hazardous material incident
Date of Incident: 1992-03-17
Time of Incident: 0340
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: GASOLINE INCLUDES GASOLI
Commodity Long Nm: GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL

Trade Name:
ID No: UN1203
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.125
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code: 529
Failure Cause Desc: Overfilled
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4700
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: RMT PROPERTIES
Cont1 Pkg Mnfct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: 1R9212323L
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: PACIFIC RESOURCES TERMINALS
CR Street Name: 739 N NIMITZ HIGHWAY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: PACIFIC RESOURCES TERMINALS
Shipper Street Name: 739 N NIMITZ HIGHWAY
Shipper City: HONOLULU
Shipper State: HI
Shipper Postal: 96817
Shipper Non US St:
Shipper Country: US
Shipper Waybill: BOL 99023
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: HONOLULU
Destination State: HAWAII
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No

Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report: No
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 1
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 15
Damage Old Form: 0
Total Damages Amt: 16
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatal: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: THOMAS LUM
Contact Title: TRUCKING SUPERVISOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER AFTER COMPLETING LOAD, LIFTED LOAD ARM FROM TANK TOO EARLY, CAUSING SPILL. SPILLED PRODUCT CLEANED UP AND EVAPORATED. DRIVER CAUTIONED TO DRAIN LOAD ARM A LITTLE LONGER IN TANK.

Recommend Actions Taken:
Report URL:

Site: NIMITZ HWY HONOLULU HI HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1993070904
Report Type: A hazardous material incident
Date of Incident: 1993-06-22
Time of Incident: 0615
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: GASOLINE INCLUDES GASOLI
Commodity Long Nm: GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:

Trade Name:
ID No: UN1203
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 10
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: BHP PETROLEUM AMERICAS TERMINA
CR Street Name: 739 N NIMITZ HWY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:

How Failed Desc:		CR Fed DOT ID:	0
Failure Cause Code:	529	CR Hazmat Reg ID:	
Failure Cause Desc:	Overfilled	CR Country:	US
Ident. Markings:		Shipper Name:	BHP PETROLEUM AMERICAS TERMINA
Cont1 Pkging Type:		Shipper Street Name:	739 N NIMITZ HWY
Cont1 Const Mat:		Shipper City:	HONOLULU
Cont1 Head Type:		Shipper State:	HI
Cont1 Pkg Capacity:	4750	Shipper Postal:	96817
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfrct:	RMT PROPERTIES	Origin State:	
Cont1 Pkg Mnfrct Dt:	0-00-00 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:	189212323L	Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	Origin Country:	US
C1 Test Const Mat:		Destination City:	EWA BEACH
C1 Pkg Dsign Pres.:	0	Destination State:	HAWAII
C1 Dsign Press UOM:		Destination Postal:	
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:	0	Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0	Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	0
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfrct:		Cont2 Pkg No:	0
C1 Device Model:		Cont2 Pkg No Failed:	0
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	THOMAS LUM JR
Damage > 500:	No	Contact Title:	TRUCKING SUPERVISOR
Material Loss:	15	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	300	Contact Postal:	
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	315	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0	HMIS Major Artery:	No

Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

DRIVER SPILLED PRODUCT DUE TO DEFECTIVE SPRING IN DRY-BRAKE. SPILLED PRODUCT CLEANED UP AND EVAPORATED.

HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

Recommend Actions Taken:
Report URL:

Site: NIMITZ HWY HONOLULU HI HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1995061150
Report Type: A hazardous material incident
Date of Incident: 1995-06-16
Time of Incident: 1000
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SULFURIC ACID
Commodity Long Nm: SULFURIC ACID
Trade Name: SULFURIC ACID
ID No: UN1830
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.046
Unit of Measure: Liquid - Gallon
What Failed: 102; 141
What Failed Desc: Auxiliary Valve; Piping or Fittings
How Failed Code: 304;
How Failed Desc: Cracked;
Failure Cause Code: 526;
Failure Cause Desc: Loose Closure, Component, or Device;
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 330
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: POLY-CAL PLASTICS
Cont1 Pkg Mnfctr Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: J31286
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Water
Transport Phase: In Transit Storage
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No: E8839
Undecl Hazmat Ship?: No
Packaging Type: Portable Tank
Packing Group:
Carrier Reporter: BREWER ENVIRONMENTAL IND
CR Street Name: 311 PACIFIC ST
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:
CR Fed DOT ID: 995387
CR Hazmat Reg ID:
CR Country: US
Shipper Name: BREWER ENVIRONMENTAL IND
Shipper Street Name: CAMPBELL INDUSTRIAL PARK
Shipper City: UNKNOWN
Shipper State:
Shipper Postal:
Shipper Non US St: XX
Shipper Country:
Shipper Waybill: YB BL#9659993-2
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: UNKNOWN
Destination State: HAWAII
Destination Postal: UNKNOWN
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

NRC No:

RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	ROBERT HEIDRICH
Damage > 500:	No	Contact Title:	DIR OF OPERATIONS
Material Loss:	5	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	0	Contact Postal:	
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	5	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	TANK
Haz Hosp Old Form:	0	HMIS Container Code:	TANK PRT
Total Haz Hosp Inj:	0	HMIS Container Desc:	Portable tank
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:			
Recommend Actions Taken:			
Report URL:			

Site:

NIMITZ HIGHWAY HONOLULU HI

HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No:	I-1992100018	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	1992-09-27	Report Submit Src:	Paper
Time of Incident:	2300	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	3	Mode Transport:	Highway
Commodity Short Nm:	GASOLINE INCLUDES GASOLI	Transport Phase:	Loading
Commodity Long Nm:	GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE	Incident Occrrnce:	

THAN 10% ALCOHOL

Trade Name:
ID No: UN1203
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 7
Unit of Measure: Liquid - Gallon
What Failed: 102; 106; 141
What Failed Desc: Auxiliary Valve; Bottom Outlet Valve; Piping or Fittings
How Failed Code: ; ;
How Failed Desc: ; ;
Failure Cause Code: 508; ;
Failure Cause Desc: Defective Component or Device; ;
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4000
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: RMT PROPERTIES
Cont1 Pkg Mnfc Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: 1R9212323L
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 12

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: PACIFIC RESOURCES INC
CR Street Name: 739 N NIMITZ HIGHWAY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: PACIFIC RESOURCES TERMINALS
Shipper Street Name: 739 N NIMITZ HIGHWAY
Shipper City: HONOLULU
Shipper State: HI
Shipper Postal: 96817
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: AIEA
Destination State: HAWAII
Destination Postal: 96701
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: THOMAS LUM
Contact Title: TRUCKING SUPERVISOR
Contact Business:

Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 15
Damage Old Form: 0
Total Damages Amt: 27
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER, AFTER LOADING COMPARTMENT #1, DISCONNECTED AND EXTERNAL VALVE FAILED CAUSING A SPILL OF 7 GALLONS ON GROUND. SPILLED PRODUCT CLEANED UP. VALVE WILL BE REPAIRED.

Recommend Actions Taken:
Report URL:

Site: NIMITZ HIGHWAY HONOLULU HI HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1992070673
Report Type: A hazardous material incident
Date of Incident: 1992-07-06
Time of Incident: 0145
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: GASOLINE INCLUDES GASOLI
Commodity Long Nm: GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:

Trade Name:
ID No: UN1203
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 50
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code: 529
Failure Cause Desc: Overfilled
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4700
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: RMT PROPERTIES
Cont1 Pkg Mnfct Dt: 0-00-00 00:00:00

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: PACIFIC RESOURCES TERMINALS
CR Street Name: 739N NIMITZ HIGHWAY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: PACIFIC RESOURCES TERMINALS
Shipper Street Name: 739 N NIMITZ HIGHWAY
Shipper City: HONOLULU
Shipper State: HI
Shipper Postal: 96817
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:

Cont1 Pkg Serial NO: 18921232
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrct:
C1 Device Model:
NRC No:

Origin Non US St:
Origin Country: US
Destination City: HONOLULU
Destination State: HAWAII
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 52
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 100
Damage Old Form: 0
Total Damages Amt: 152
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: THOMAS LUM, JR
Contact Title: TRUCKING SUPERVISOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER SPILLED PRODUCT DUE TO INSERTING WRONG TANK LOADING TOTAL. SPILLED PRODUCT CLEANED UP AND EVAPORATED.

Recommend Actions Taken:
Report URL:

Site:

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1992040025
Report Type: A hazardous material incident
Date of Incident: 1992-04-06
Time of Incident: 1030
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: GASOLINE INCLUDES GASOLI
Commodity Long Nm: GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:

Trade Name:
ID No: UN1203
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 1
Unit of Measure: Liquid - Gallon

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: PACIFIC RESOURCES TERMINALS
CR Street Name: 739 N NIMITZ HIGHWAY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817

What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code: 529
Failure Cause Desc: Overfilled
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4700
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfrct: RMT PROPERTIES
Cont1 Pkg Mnfrct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: 1R9212323L
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrct:
C1 Device Model:
NRC No:

CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: PACIFIC RESOURCES TERMINALS
Shipper Street Name: 739 N NIMITZ HIGHWAY
Shipper City: HONOLULU
Shipper State: HI
Shipper Postal: 96817
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: UNKNOWN
Destination State: HAWAII
Destination Postal: UNKNOWN
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0

Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 35
Damage Old Form: 0
Total Damages Amt: 35
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: THOMAS LUM, JR
Contact Title: TRUCKING SUPERVISOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER SPILLED PRODUCT DUE TO BACK-UP OF PRESSURE FROM VENTS. SPILLED PRODUCT CLEANED UP AND EVAPORATED.

Recommend Actions Taken:
Report URL:

Site: NIMITZ HWY HONOLULU HI HMIRS

Incident County: HONOLULU

HMIR Incident Reports

Report No: I-1991110493
Report Type: A hazardous material incident
Date of Incident: 1991-11-08
Time of Incident: 1645
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: FLAMMABLE LIQUIDS, N.O.S.
Commodity Long Nm: FLAMMABLE LIQUIDS, N.O.S.
Trade Name:
ID No: UN1993
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 3
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code: 529

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: PACIFIC RESOURCES INC
CR Street Name: 739 NORTH NIMITZ HWY
CR City: HONOLULU
CR State: HI
CR Postal Code: 96817
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:

Failure Cause Desc: Overfilled
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4700
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfr: RMT PROPERTIES
Cont1 Pkg Mnfr Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: 1R9212323L
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No:

CR Country: US
Shipper Name: PACIFIC RESOURCES INC
Shipper Street Name: 739 NORTH NIMITZ HWY
Shipper City: HONOLULU
Shipper State: HI
Shipper Postal: 96817
Shipper Non US St:
Shipper Country: US
Shipper Waybill: BOL #090138
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: WAIPAHU
Destination State: HAWAII
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 2
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 15
Damage Old Form: 0
Total Damages Amt: 17
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatafs: 0
Hazmat Injury: No
Haz Hospital Empl: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: MICHEAL W LATHAM
Contact Title: OPERATIONS MANAGER
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No

Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC306
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER THROUGH INATTENTION DURING LOADING, OVERFILLED CARGO TANK COMPARTMENT, THEREBY SPILLING 3 GALLONS OF GASOLINE ON THE GROUND. SPILLED PRODUCT CLEANED UP AND EVAPORATED. DRIVERS CAUTIONED TO BE MORE ATTENTIVE.

Recommend Actions Taken:
Report URL:

Site: WATERPARK TOWERS
POHUKAINA S & HALEKAUWILA HONOLULU HI 96813

HWM

Site ID: 13761
Longitude:

Latitude:

Detail Information

EI ID: HID982492340
EI Description: HWM - Inactive
NFA Date: Jan 1 1900
Initial Investigation: Jun 8 1990

Evaluations Information

Violations Found: No
Evaluation Date: 04-12-1996
Evaluation Gen Type: Inspection
Evaluation Type: Compliance Evaluation Inspection

Evaluation Notes:
Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Program: RCRAInfo
Evaluation Source: RCRA

Affiliations Information

Affiliation Type Desc: Operator
Entity Name: NOT REQUIRED
Entity Title:
Address: NOT REQUIRED
City: NOT REQUIRED

State: ME
Country:
Zip Code: 99999
Phone: (415) 555-1212

Affiliation Type Desc: Owner
Entity Name: S & G VENTURE
Entity Title:
Address: NOT REQUIRED
City: NOT REQUIRED

State: ME
Country:
Zip Code: 99999
Phone: (415) 555-1212

Affiliation Type Desc: Administrative Contact
Entity Name: ENVIRONMENTAL MANAGER
Entity Title:
Address: POHUKAINA S & HALEKAUWILA
City: HONOLULU

State: HI
Country: US
Zip Code: 96813
Phone: (808) 523-7722

Site: HONOLULU HARBOR PIERS 4 5 6
HONOLULU HARBOR PIERS 4 5 6 NIMITZ HWY HONOLULU HI 96813

HWM

Site ID: 4628
Longitude:

Latitude:

Detail Information

EI ID: HI0000463703
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Jul 18 2016

Detail Information

EI ID: HI0000463703
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Jul 19 1994

Affiliations Information

Affiliation Type Desc: Owner
Entity Name: HARBORS DIVISON, DEPT OT TRANS
Entity Title:
Address: P O BOX 397
City: HONOLULU
State: HI
Country:
Zip Code: 96809
Phone: (808) 587-2057

Affiliation Type Desc: Administrative Contact
Entity Name: MICHELE FREITAS
Entity Title: ENVIRONMENTAL HEALTH SPECIALIST
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Administrative Contact
Entity Name: JOHN BLACKBURN
Entity Title:
Address: 700 FORT STREET
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-2057

Affiliation Type Desc: Operator
Entity Name: DOT - HARBORS DIVISON
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Owner
Entity Name: DOT - HARBORS DIVISON
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Site: HONOLULU HARBOR PIER 7
PIER 7 HONOLULU HARBOR NIMITZ HWY HONOLULU HI 96813

HWM

Site ID: 4629
Longitude:
Latitude:

Detail Information

EI ID: HI0000463711
EI Description: HWM - Conditionally Exempt Small Quantity Generator
NFA Date:
Initial Investigation: Jul 25 2016

Detail Information

EI ID: HI0000463711
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Jul 19 1994

Affiliations Information

Affiliation Type Desc: Administrative Contact
Entity Name: JOHN BLACKBURN
Entity Title:
Address: 700 FORT STREET
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-2057

Affiliation Type Desc: Administrative Contact
Entity Name: MICHELE FREITAS
Entity Title: ENVIRONMENTAL HEALTH SPECIALIST
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Owner
Entity Name: HARBORS DIVISION DEPT OF TRANS
Entity Title:
Address: P O BOX 397
City: HONOLULU
State: HI
Country: US
Zip Code: 96809
Phone: (808) 587-2057

Affiliation Type Desc: Operator
Entity Name: DOT - HARBORS DIVISION
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Owner
Entity Name: DOT - HARBORS DIVISION
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Site: KEWALO BASIN HARBOR
ALA MOANA BLVD HONOLULU HI 96814

HWM

Site ID: 6616
Longitude:
Latitude:

Detail Information

EI ID: HI0000026526
EI Description: HWM - Small Quantity Generator
NFA Date:
Initial Investigation: Oct 13 1993

Detail Information

EI ID: HI0000026526
EI Description: HWM - Inactive
NFA Date: Jan 1 1900
Initial Investigation: Jul 19 2016

Evaluations Information

Violations Found: Yes
Evaluation Date: 04-25-2008
Evaluation Gen Type: Inspection
Evaluation Type: Compliance Evaluation Inspection
Evaluation Notes:
Evaluation Division: Solid and Hazardous Waste Branch
Evaluation Program: RCRAInfo
Evaluation Source: RCRA

Enforcement Information

Enforce Action Date: 06-20-2008
Enforce Act Gen Ty: State Administrative Action (Informal)
Enforce Action Type: Warning Letter
Enforce Action Notes:
Enforce Action Divis: Solid and Hazardous Waste Branch
Enforce Action Prog: RCRAInfo
Enforce Action Src: RCRA

Affiliations Information

Affiliation Type Desc: Operator
Entity Name: DOT - HARBORS DIVISION
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Owner
Entity Name: DEPT OF TRANS HARBORS DIVISION
Entity Title:
Address: PO BOX 397
City: HONOLULU
State: HI
Country: U.S.A.
Zip Code: 96809
Phone: (808) 587-2057

Affiliation Type Desc: Facility Contact
Entity Name: JOHN BLACKBURN
Entity Title:
Address: 700 FORT STREET
City: HONOLULU
State: HI
Country: U.S.A.
Zip Code: 96813
Phone: (808) 587-2057

Affiliation Type Desc: Administrative Contact
Entity Name: MICHELE FREITAS
Entity Title: ENVIRONMENTAL HEALTH SPECIALIST
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Affiliation Type Desc: Owner
Entity Name: DOT - HARBORS DIVISION
Entity Title:
Address: 79 S. NIMITZ HIGHWAY
City: HONOLULU
State: HI
Country: US
Zip Code: 96813
Phone: (808) 587-1976

Site: **FUJISHIGE TRUCKING CO, LTD.**
117 ADAMS WY Honolulu HI 96819

LUST

Facility ID: 9-100734
Source: List of Underground and Leaking Underground Storage Tanks Maintained by the HAWAII Department of Health - LEAKING UNDERGROUND STORAGE TANK (LUST) SECTION

LUST Data Files - Releases Information

Latest Status: Site Cleanup Completed (NFA)
Status Date: 5/24/1994
Event ID: 930086
Project Officer: Raymond Seid

Site: **WATERPARK TOWERS**
POHUKAINA S & HALEKAUWILA HONOLULU HI 96813

RCRA NON GEN

EPA Handler ID: HID982492340
Gen Status Universe: No Report
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: POHUKAINA S & HALEKAUWILA , , HONOLULU , HI, 96813 , US
Contact Phone No and Ext: 808-523-7722
Contact Email:
Contact Country: US
County Name: HONOLULU
EPA Region: 09
Land Type: Other
Receive Date: 19900608
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2023.

Evaluation Details

Evaluation Start Date: 19960412
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900608
Handler Name: WATERPARK TOWERS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	NOT REQUIRED	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Notification	Zip Code:	99999
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	S & G VENTURE	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Notification	Zip Code:	99999

Site: Sand Island Housing First Project
Sand Island Pkway Honolulu HI 96819

SHWS

iHEER ID (Public iHEER): 7
Site Name (Public iHEER): Sand Island Housing First Project
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft
Street (Public iHEER): Sand Island Pkway
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Site Discovery
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): PA/SI
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/4/2021 9:05:53 AM
Ms Access ID (Public iHEER): 2529
Suppl Loc (Public iHEER): Sand Island Pkway, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041334
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):

Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 7
Site Name (PORTAL): Sand Island Housing First Project
Loc Desc (PORTAL): Sand Island Pkway, Honolulu, HI 96819
Address (PORTAL): Sand Island Pkway
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): SITE DISCOVERY
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): PA/SI
Assigned Rpm (PORTAL): Laura Young
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/7/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Mar 22, 2016
Document No: 183362
Type: SOO Site Screening Sheet
Title: Housing First Sand Island SOO Site Screening Sheet Final
Imported From:

iHEER System - Locations Details

Locations ID: 1501
Location Type: SC
Description: Sand Island Housing First
Comment : Site Screening Sheet;
Centroid: POINT (-157.887 21.311099999999996)
Geometry:

POINT (-157.887 21.311099999999996)

iHEER System - Locations Details

Locations ID: 6101
Location Type: SB
Description: Sand Island Housing First
Comment :
Centroid: POINT (-157.88701205591795 21.310407013601978)
Geometry:

POLYGON ((-157.88622484159427 21.309540739396024, -157.886938309195 21.31154478604817, -157.88789317560028 21.311109995207346, -157.88689002942866 21.309210893685542, -157.88622484159427 21.309540739396024))

Site Details

Centroid: POINT (-157.887 21.311099999999996)
Updated On: 1/4/2021 9:05:53 AM
Coordinates: 21.311099999999996,-157.887

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: **Kakaako Brownfield Project-Unit 1**
Koula St Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 292
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 1

Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 1, Kakaako Makai, Kakaako Makai District Parking Garage-Unit 1 and 3

Street (Public iHEER): Koula St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 477
Suppl Loc (Public iHEER): Koula St
Tax Map Keys (Public iHEER): 121060004, 121060006, 121060025, 121060026
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 292
Site Name (PORTAL): Kakaako Brownfield Project-Unit 1
Loc Desc (PORTAL): Koula St
Address (PORTAL): Koula St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/292/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 2006
Document No: 14001
Type: Phase I Environmental Site Assessment
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Locations Details

Locations ID: 1003
Location Type: SC
Description:
Comment : Centroid, ZIP 96814; eric.sadoyama; Primary;
Centroid: POINT (-157.860437 21.293579999999995)
Geometry:

POINT (-157.860437 21.293579999999995)

Site Details

Centroid: POINT (-157.860437 21.293579999999995)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.293579999999995,-157.860437

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 1

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Kakaako Makai District Parking Garage-Unit 1and 3

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: Sand Island Industrial Park
Sand Island Pkwy Honolulu HI 96819

SHWS

iHEER ID (Public iHEER): 1022
Site Name (Public iHEER): Sand Island Industrial Park
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu Harbor Sand Island Unit
Street (Public iHEER): Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFAIC
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/26/2021 3:36:50 PM
Ms Access ID (Public iHEER): 831
Suppl Loc (Public iHEER): Sand Island, Honolulu, HI 96819
Tax Map Keys (Public iHEER): 115041000
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1022
Site Name (PORTAL): Sand Island Industrial Park
Loc Desc (PORTAL): Sand Island, Honolulu, HI 96819
Address (PORTAL): Sand Island Pkwy
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA - UNCONFIRMED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1022/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jul 29, 1992
Document No: 51783
Type: Phase I Environmental Site Assessment
Title: Sand Island Industrial Park Phase I Environmental Assessment Report Sections IV & V
Imported From: 39411#\Heersharepoint1\facilitiesite%20documents\39411.pdf

iHEER System - Locations Details

Locations ID: 7079
Location Type: SB
Description: Sand Island Industrial
Comment : Placed by RPM
Centroid: POINT (-157.87513976553032 21.304230160839449)
Geometry:

POLYGON ((-157.87702707210352 21.307428416387868, -157.87792292991153 21.306313918696514, -157.87846473613595 21.306448858329126, -157.87938741602142 21.303315228223298, -157.87573961175855 21.303335219695484, -157.87134078897756 21.301086161982372, -157.87070778764507 21.301166129068768, -157.87048248209589 21.301466005256291, -157.87049321092684 21.301695909919452, -157.8721239940065 21.304354781185044, -157.87702707210352 21.307428416387868))

iHEER System - Locations Details

Locations ID: 7080
Location Type: SC
Description: Sand Island Industrial
Comment :
Centroid: POINT (-157.875107 21.304444999999991)
Geometry:

POINT (-157.875107 21.304444999999991)

Site Details

Centroid: POINT (-157.875107 21.304444999999991)
Updated On: 2/26/2021 3:36:50 PM
Coordinates: 21.304444999999991,-157.875107

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor Sand Island Unit

Site: **Honolulu Harbor Sand Island Unit**
Sand Island Pkwy Honolulu HI

SHWS

iHEER ID (Public iHEER): 2010
Site Name (Public iHEER): Honolulu Harbor Sand Island Unit
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor
Street (Public iHEER): Sand Island Pkwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu

Status (Public iHEER): Unreviewed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 9/21/2021 4:55:37 PM
Ms Access ID (Public iHEER): 2024
Suppl Loc (Public iHEER): Honolulu Harbor Sand Island Unit
Tax Map Keys (Public iHEER): 115041002, 115041003, 115041005, 115041006, 115041014, 115041017, 115041019, 115041022, 115041023, 115041025, 115041026, 115041027, 115041031, 115041034, 115041037, 115041039, 115041040, 115041042, 115041046, 115041049, 115041059, 115041061, 115041064, 11 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2010
Site Name (PORTAL): Honolulu Harbor Sand Island Unit
Loc Desc (PORTAL): Honolulu Harbor Sand Island Unit
Address (PORTAL): Sand Island Pkwy
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2010/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 4192
Location Type: SC
Description: 21.3067, -157.8792
Comment : Placed by RPM close to centroid
Centroid: POINT (-157.8792 21.306700000000014)
Geometry:

POINT (-157.8792 21.306700000000014)

Site Details

Centroid: POINT (-157.8792 21.306700000000014)
Updated On: 9/21/2021 4:55:37 PM
Coordinates: 21.306700000000014,-157.8792

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor

Site: **Kakaako Improvement District 7**
Kamakee St Honolulu HI

SHWS

iHEER ID (Public iHEER): 305

Site Name (Public iHEER): Kakaako Improvement District 7
Aliases (Public iHEER): Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Improvement District Program, SLR 3.2ft Flooding
Street (Public iHEER): Kamakee St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 490
Suppl Loc (Public iHEER): Kamakee St
Tax Map Keys (Public iHEER): 121058002, 123010001, 123010002, 123010003, 123010004, 123010005, 123010006, 123010007, 123010008, 123010009, 123010011, 123010012, 123010013, 123010014, 123010015, 123010016, 123010017, 123010018, 123010019, 123010020, 123010021, 123010022, 123010023, 12 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public): 305
iHEER ID (PORTAL): Kakaako Improvement District 7
Site Name (PORTAL): Kamakee St
Loc Desc (PORTAL): Kamakee St
Address (PORTAL): Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/305/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Sep 1, 1997
Document No: 31303
Type: Undetermined
Title: Environmental Soil and Groundwater Investigation for Kakaako Improvement District 7
Imported From: 38428#\Heersharepoint1\facilitiesite%20documents\38428.pdf

iHEER System - Locations Details

Locations ID: 1010
Location Type: SC
Description: Kakaako Imp. District 7
Comment : Traced from graphic prepared by Rick Palmer; eric.sadoyama; Primary area 2.649606 acres;
Centroid: POINT (-157.86 21.293000000000017)
Geometry:

POINT (-157.86 21.293000000000017)

Site Details

Centroid: POINT (-157.86 21.293000000000017)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.293000000000017,-157.86

iHEER System - Aliases

Name: Kakaako Improvement District Program

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: SLR 3.2ft Flooding

Site: **Pali Highway Lead Contamination**
Pali Highway Honolulu HI

SHWS

iHEER ID (Public iHEER): 1216
Site Name (Public iHEER): Pali Highway Lead Contamination
Aliases (Public iHEER): Brownfields Low Priority Site
Street (Public iHEER): Pali Highway
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/4/2021 10:30:51 AM
Ms Access ID (Public iHEER): 3231
Suppl Loc (Public iHEER): Pali Highway
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 1216
Site Name (PORTAL): Pali Highway Lead Contamination
Loc Desc (PORTAL): Pali Highway
Address (PORTAL): Pali Highway
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/1216/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 24, 2021
Document No: 178882
Type: Environmental Hazard Management Plan
Title: (Revised) ENVIRONMENTAL HAZARD MANAGEMENT PLAN PALI HIGHWAY PROJECT CORRIDOR Vineyard

Blvd. (Honolulu) to Kamehameha Hwy. (Kaneohe)

Imported From:

iHEER System - Documents

Date : May 26, 2021
Document No: 179906
Type: Undetermined
Title: Alternate Non-Hazardous Waste Disposal Facility Addendum
Imported From:

iHEER System - Documents

Date : May 12, 2022
Document No: 184349
Type: Comment Letter
Title: Analytical Data Response
Imported From:

iHEER System - Documents

Date : Feb 10, 2022
Document No: 182809
Type: Undetermined
Title: Cold Planning Material Destinations
Imported From:

iHEER System - Documents

Date : Feb 10, 2022
Document No: 182808
Type: Undetermined
Title: Cold Planning Material Re-use Request
Imported From:

iHEER System - Documents

Date : Jul 12, 2022
Document No: 184848
Type: Comment Letter
Title: Cold Planning Reuse Locations
Imported From:

iHEER System - Documents

Date : Feb 23, 2021
Document No: 178871
Type: Undetermined
Title: Construction Notification
Imported From:

iHEER System - Documents

Date : Feb 23, 2021
Document No: 178872
Type: Undetermined
Title: Construction Notification
Imported From:

iHEER System - Documents

Date : Mar 4, 2020
Document No: 173360
Type: Environmental Hazard Management Plan

Title: ENVIRONMENTAL HAZARD MANAGEMENT PLAN
Imported From:

iHEER System - Documents

Date : Nov 6, 2020
Document No: 177540
Type: Undetermined
Title: Hazardous Waste Manifests
Imported From:

iHEER System - Documents

Date : Apr 25, 2022
Document No: 184338
Type: Undetermined
Title: Pali Highway Analytical Data
Imported From:

iHEER System - Documents

Date : Mar 11, 2021
Document No: 179006
Type: Undetermined
Title: Pali Highway Resurfacing Construction EHMP Addendum
Imported From:

iHEER System - Documents

Date : Mar 5, 2019
Document No: 168864
Type: Undetermined
Title: PALI HIGHWAY SOIL SAMPLING SUMMARY REPORT, STATIONS 136+00 to 195+00
Imported From: 136864#\Heersharepoint1\facilitiesite%20documents\136864.pdf

iHEER System - Documents

Date : Mar 8, 2019
Document No: 168865
Type: Undetermined
Title: Re: Pali Highway Disposal of Excavated Material
Imported From: 136867#\Heersharepoint1\facilitiesite%20documents\136867.pdf

iHEER System - Documents

Date : Mar 3, 2021
Document No: 179001
Type: Undetermined
Title: Request to Use A Construction Environmental Hazard Management Plan Addendum
Imported From:

iHEER System - Documents

Date : Mar 3, 2021
Document No: 178931
Type: Review Letter
Title: Review of (Revised) Environmental Hazard Management Plan, Pali Highway Project Corridor, Vineyard Blvd. (Honolulu) to Kamehameha Hw
Imported From:

iHEER System - Documents

Date : Aug 20, 2020
Document No: 176454

Type: Comment Letter
Title: Review of Environmental Hazard Management Plan, Pali Highway Project Corridor, Vineyard Blvd. (Honolulu) to Kamehameha Hwy. (Kaneohe), dated February 24, 2020.

Imported From:

iHEER System - Documents

Date : Mar 31, 2021
Document No: 179296
Type: Undetermined
Title: Surface Soil Assessment at the Pauoa Road Staging Area
Imported From:

iHEER System - Locations Details

Locations ID: 1562
Location Type: SC
Description:
Comment :
Centroid: POINT (-157.7953 21.36514)
Geometry:

POINT (-157.7953 21.36514)

Site Details

Centroid: POINT (-157.7953 21.36514)
Updated On: 3/4/2021 10:30:51 AM
Coordinates: 21.36514,-157.7953

iHEER System - Aliases

Name: Brownfields Low Priority Site

Site: **Honolulu Harbor Pier 32 Entrance Canal**
Pier 32 State access road off Nimitz Hwy Honolulu HI 96817

SHWS

iHEER ID (Public iHEER): 2508
Site Name (Public iHEER): Honolulu Harbor Pier 32 Entrance Canal
Aliases (Public iHEER): Pier 32 Entrance Canal
Street (Public iHEER): Pier 32 State access road off Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 2/8/2021 12:47:30 PM
Ms Access ID (Public iHEER): 3272
Suppl Loc (Public iHEER): Honolulu Harbor Pier 32 State access road off Nimitz Hwy, Adjacent to Chevron Terminal Loading Rack
Tax Map Keys (Public iHEER): 115036001
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2508
Site Name (PORTAL): Honolulu Harbor Pier 32 Entrance Canal
Loc Desc (PORTAL): Honolulu Harbor Pier 32 State access road off Nimitz Hwy, Adjacent to Chevron Terminal Loading Rack
Address (PORTAL): Pier 32 State access road off Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu

Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2508/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : May 18, 2006
Document No: 168448
Type: Undetermined
Title: Further Work for Pier 32 Entrance Canal
Imported From: 2006-308#Q:\2006 Final Correspondence (Day File)\06-308-CAC.pdf

iHEER System - Documents

Date : Apr 20, 2006
Document No: 168449
Type: Undetermined
Title: Pier 32 Entrance Canal (Pier 34)
Imported From: 2006-231#Q:\2006 Final Correspondence (Day File)\06-231-CAC.pdf

iHEER System - Locations Details

Locations ID: 3470
Location Type: SC
Description: Pier 32 Canal (Pier 34)
Comment : Google Maps and Report
Centroid: POINT (-157.877631 21.314573999999979)
Geometry:

POINT (-157.877631 21.314573999999979)

Site Details

Centroid: POINT (-157.877631 21.314573999999979)
Updated On: 2/8/2021 12:47:30 PM
Coordinates: 21.314573999999979,-157.877631

iHEER System - Aliases

Name: Pier 32 Entrance Canal

Site: **Halekauwila Street between Keawe Street and Coral Street**
Halekauwila St Honolulu HI

[SHWS](#)

iHEER ID (Public iHEER): 107
Site Name (Public iHEER): Halekauwila Street between Keawe Street and Coral Street
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, HART Halekauwila Street between Keawe Street and Coral Street, Honolulu High-Capacity Transit Corridor Project, Honolulu Rail Transit Project
Street (Public iHEER): Halekauwila St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/4/2020 12:23:22 PM

Ms Access ID (Public iHEER): 3248
Suppl Loc (Public iHEER): Halekauwila St, Between Keawe St and Coral St
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 107
Site Name (PORTAL): Halekauwila Street between Keawe Street and Coral Street
Loc Desc (PORTAL): Halekauwila St, Between Keawe St and Coral St
Address (PORTAL): Halekauwila St
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Lynn Bailey
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/107/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 4932
Location Type: SC
Description:
Comment : Google Maps
Centroid: POINT (-157.85857299999998 21.300468999999982)
Geometry:

POINT (-157.85857299999998 21.300468999999982)

Site Details

Centroid: POINT (-157.85857299999998 21.300468999999982)
Updated On: 6/4/2020 12:23:22 PM
Coordinates: 21.300468999999982,-157.85857299999998

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Honolulu Rail Transit Project

iHEER System - Aliases

Name: HART Halekauwila Street between Keawe Street and Coral Street

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: **Kakaako Mauka**
Ala Moana Blvd Honolulu HI

SHWS.....

iHEER ID (Public iHEER): 313
Site Name (Public iHEER): Kakaako Mauka
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded
Street (Public iHEER): Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/3/2020 2:59:56 PM
Ms Access ID (Public iHEER): 3029
Suppl Loc (Public iHEER): Bounded by Piikoi St, S King St, Punchbowl St and Ala Moana Blvd
Tax Map Keys (Public iHEER): 121029006, 121029010, 121030003, 121030008, 121030014, 121030017, 121030046, 121030048, 121030050, 121030051, 121030052, 121031002, 121031005, 121031008, 121031010, 121031012, 121031015, 121031020, 121031030, 121031032, 121031033, 121031038, 121031039, 12
 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

iHEER ID (PORTAL): 313
Site Name (PORTAL): Kakaako Mauka
Loc Desc (PORTAL): Bounded by Piikoi St, S King St, Punchbowl St and Ala Moana Blvd
Address (PORTAL): Ala Moana Blvd
 Honolulu, HI —

County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/313/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 28, 1990
Document No: 165934
Type: Undetermined
Title: Mauka Area Plan Kakaako Community Development District, Honolulu HI
Imported From: 38438#\Heersharepoint1\facilitiesite%20documents\38438.pdf

iHEER System - Documents

Date : Feb 28, 1990
Document No: 165935
Type: Undetermined
Title: Mauka Area Rules Kakaako Community Development District, Honolulu HI
Imported From: 38437#\Heersharepoint1\facilitiesite%20documents\38437.pdf

iHEER System - Locations Details

Locations ID: 4138
Location Type: SC
Description: Kakaako Mauka
Comment : Google Maps and Doc 165934
Centroid: POINT (-157.85431 21.298699999999997)
Geometry:

POINT (-157.85431 21.298699999999997)

iHEER System - Locations Details

Locations ID: 7431
Location Type: SB
Description: Kakaako Mauka
Comment : Google Maps and Doc 165934
Centroid: POINT (-157.85371652449095 21.298325705295611)
Geometry:

POLYGON ((-157.84780564314016 21.291110185290336, -157.84415783887727 21.29986691716578, -157.85342755323538 21.30306559322975, -157.85492959028059 21.303585371512693, -157.85542311673871 21.303405448468798, -157.85585227018402 21.303805277156325, -157.85816969876905 21.304964774196954, -157.86093773847031 21.303525397189212, -157.8621822834555 21.3025658046841, -157.86310496335892 21.301786131159254, -157.86289038664077 21.299686989568819, -157.86289038664077 21.299227173597671, -157.8622895718191 21.298267553024242, -157.86164584165559 21.297527841222724, -157.86053004270491 21.2964282627447, -157.85894217496707 21.295588579095341, -157.85628142362933 21.294488986110736, -157.85482230191698 21.293709269737267, -157.85284819608464 21.292529690952261, -157.851732397134 21.292129831588838, -157.85089554792322 21.2919898805551, -157.84995141034884 21.291869922419885, -157.84864249235093 21.2913700958024, -157.84780564314016 21.291110185290336))

Site Details

Centroid: POINT (-157.85431 21.298699999999997)
Updated On: 12/3/2020 2:59:56 PM
Coordinates: 21.298699999999997,-157.85431

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: **Honolulu Harbor Iwilei District Participating Parties
N Nimitz Hwy Honolulu HI 96814**

SHWS

iHEER ID (Public iHEER): 2850
Site Name (Public iHEER): Honolulu Harbor Iwilei District Participating Parties
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, IDPP
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Admin
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 11/17/2021 4:20:09 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): Honolu Harbor Iwilei District
Tax Map Keys (Public iHEER): 115008004, 115008005, 115008014, 115008015, 115008018, 115008020, 115010007, 115010008, 115010009, 115010010, 115010013, 115012001, 115012003, 115012006, 115012007, 115012010, 115012011, 115012012, 115012013, 115012015, 115012017, 115013001, 115013003, 11 **Note: data in the [Tax Map Keys (Public iHEER)] field for some records is truncated from the source.

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2850
Site Name (PORTAL): Honolulu Harbor Iwilei District Participating Parties
Loc Desc (PORTAL): Honolu Harbor Iwilei District
Address (PORTAL): N Nimitz Hwy
Honolulu, HI 96814

County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): UNREVIEWED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): Admin
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2850/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Sep 4, 2009
Document No: 173898
Type: Undetermined
Title: Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise, Ltd., 666 and 634 North Nimitz Highway, dated July 9, 2009 and IDPP Response to July 15, 2009 Preliminary HDOH Comments and July 10, 2009 FCH Comments

Imported From:

iHEER System - Documents

Date : Aug 19, 2002
Document No: 171366
Type: Undetermined
Title: Phase I Pipeline Investigation Report
Imported From: H:\Media37983

iHEER System - Documents

Date : Sep 5, 2002
Document No: 171367
Type: Undetermined
Title: Phase I Pipeline Investigation Report-Cover Letter
Imported From: H:\Media37983

iHEER System - Documents

Date : Feb 10, 2002
Document No: 174255
Type: Undetermined
Title: Phase II Pipeline Investigation at 775 North Nimitz Highway and Pier 24, Iwilei District Feb 10 2002
Imported From:

iHEER System - Documents

Date : Sep 30, 2004
Document No: 174271
Type: Undetermined
Title: Pier 18 Pipeline Investigation Iwilei District September 30 2004
Imported From:

iHEER System - Documents

Date :
Document No: 171392
Type: Undetermined
Title: Pier 18 Valve Pit-Photos (2004)
Imported From: H:\Media63551

iHEER System - Documents

Date : Aug 25, 2003
Document No: 171388
Type: Undetermined

Title: Pier 25 Sheen-Photos
Imported From: H:\Media63556

iHEER System - Documents

Date :
Document No: 174460
Type: Undetermined
Title: Pier 26 Scope of Work, Part 1 Interim Remedial Action: Test Pit Investigation
Imported From:

iHEER System - Documents

Date : Oct 21, 2003
Document No: 174466
Type: Undetermined
Title: Pier 26 Water Sampling
Imported From:

iHEER System - Documents

Date : Oct 27, 2003
Document No: 171400
Type: Undetermined
Title: Pier 28 Excavation of Pipeline-Photos
Imported From: H:\Media63553

iHEER System - Documents

Date : Sep 8, 2006
Document No: 174289
Type: Undetermined
Title: PIER 29 BULKHEAD REPAIR RESPONSE PLAN VERSION 1 WBS 3.3.2
Imported From:

iHEER System - Documents

Date : Mar 10, 2011
Document No: 173767
Type: Undetermined
Title: Pier 29 CIP Release Reporting
Imported From:

iHEER System - Documents

Date : Jan 19, 2006
Document No: 173978
Type: Comment Letter
Title: Pier 29 Preconstruction Environmental Investigation for Iwilei District Participating Parties, LLC Iwilei, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Jan 28, 1999
Document No: 171374
Type: Undetermined
Title: Pier 31 Leak and Excavation-Photos
Imported From: H:\Media63554

iHEER System - Documents

Date : Dec 17, 2003
Document No: 171391
Type: Undetermined

Title: Pier 38, Vapor Barrier, Soil Piles, Fishing Village Parcel-Photos
Imported From: H:\Media63555

iHEER System - Documents

Date : Feb 11, 2005
Document No: 174278
Type: Undetermined
Title: Pipeline Investigation, Sumner Street, Kukahi Street, Weinberg Property, and 900 North Nimitz Highway, Iwilei District, Oahu Hawaii
Imported From:

iHEER System - Documents

Date : Apr 3, 2018
Document No: 173641
Type: Undetermined
Title: Placeholder for IDPP Database Update Through 12/31/17
Imported From:

iHEER System - Documents

Date : Mar 28, 2019
Document No: 173640
Type: Undetermined
Title: Placeholder for IDPP Database Update Through 12/31/18
Imported From:

iHEER System - Documents

Date : Apr 1, 2020
Document No: 174320
Type: Undetermined
Title: Placeholder for IDPP Database Update Through 2020
Imported From:

iHEER System - Documents

Date : Mar 31, 2017
Document No: 173642
Type: Undetermined
Title: Placeholder-IDPP Database Update Through 12/31/16
Imported From:

iHEER System - Documents

Date : Jun 28, 2004
Document No: 174368
Type: Undetermined
Title: Pollution Report PolRep 18
Imported From:

iHEER System - Documents

Date : Jun 3, 2002
Document No: 174467
Type: Undetermined
Title: Pomare Response to Information Request List Enclosure A
Imported From:

iHEER System - Documents

Date : Jul 15, 2009
Document No: 173832

Type: Comment Letter
Title: Preliminary Comments on "Draft Iwilei District 666 North Nimitz Highway 100 Percent Remedial Design Report," Version 1.0, W.B.S. 3.6.6, dated June 16,2009 and prepared by Strategic Engineering & Science, Inc.
Imported From:

iHEER System - Documents

Date : Aug 30, 2009
Document No: 173840
Type: Comment Letter
Title: PRELIMINARY Comments on "Draft Iwilei District Operable Unit 1C Institutional Controls Plan," Version 1.1, W.B. S. 3.10.3, dated July 24,2009 and prepared by Strategic Engineering & Science, Inc.
Imported From:

iHEER System - Documents

Date : Feb 28, 1989
Document No: 174434
Type: Undetermined
Title: Preliminary Geological and Geotechnical Engineering Reconnaissance Report
Imported From:

iHEER System - Documents

Date : Apr 26, 2013
Document No: 173737
Type: Environmental Hazard Management Plan
Title: Programmatic EHE / EHMP Document, Iwilei District Mauka, Iwilei District, Honolulu HI (City and County Letter)
Imported From:

iHEER System - Documents

Date : Nov 30, 2010
Document No: 173698
Type: Removal Action Work Plan
Title: Draft Contaminated Soil Removal Work Plan & SAP Pier 29, Nov 2010
Imported From:

iHEER System - Documents

Date : Mar 8, 2001
Document No: 171371
Type: Undetermined
Title: Draft Emergency Oil Spill Response Pier 26
Imported From: H:\Media37995

iHEER System - Documents

Date : Aug 17, 2001
Document No: 171372
Type: Undetermined
Title: Draft Emergency Oil Spill Response Pier 26-Cover Letter
Imported From: H:\Media37995

iHEER System - Documents

Date : May 23, 2009
Document No: 173885
Type: Undetermined
Title: Draft Environmental Assessment CONSTRUCTION OF PIER 29 CONTAINER YARD HONOLULU HARBOR
Imported From:

iHEER System - Documents

Date : Dec 22, 2000
Document No: 174021
Type: Comment Letter
Title: Draft Environmental Response Agreement Between Honolulu Harbor Working Group and the State of Hawaii
Department of Health
Imported From:

iHEER System - Documents

Date : Dec 22, 2000
Document No: 174023
Type: Comment Letter
Title: Draft Environmental Response Agreement Between Honolulu Harbor Working Group and the State of Hawaii
Department of Health
Imported From:

iHEER System - Documents

Date : Dec 22, 2000
Document No: 174029
Type: Comment Letter
Title: Draft Environmental Response Agreement Between Honolulu Harbor Working Group and the State of Hawaii
Department of Health - Castle & Cooke Inc
Imported From:

iHEER System - Documents

Date : Dec 22, 2000
Document No: 174026
Type: Comment Letter
Title: Draft Environmental Response Agreement Between Honolulu Harbor Working Group and the State of Hawaii
Department of Health - Philips Petroleum Company
Imported From:

iHEER System - Documents

Date : Dec 22, 2000
Document No: 174027
Type: Comment Letter
Title: Draft Environmental Response Agreement Between Honolulu Harbor Working Group and the State of Hawaii
Department of Health - Tesoro Hawaii Corporation
Imported From:

iHEER System - Documents

Date : Apr 11, 2011
Document No: 173713
Type: Undetermined
Title: Draft Iwilei District 666 N Nimitz Hwy Institutional Controls Plan, Apr 11, 2011
Imported From:

iHEER System - Documents

Date : Oct 30, 2010
Document No: 173697
Type: Undetermined
Title: Draft Iwilei District 666 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010
Imported From:

iHEER System - Documents

Date : Apr 27, 2011
Document No: 173656
Type: Comment Letter
Title: Draft Iwilei District 700 N Nimitz Hwy Institutional Controls Plan, Version 1.1, WBS 3.10.6, Apr 11, 2011

Imported From:

iHEER System - Documents

Date : Apr 27, 2011
Document No: 173659
Type: Comment Letter
Title: Draft Iwilei District 775 N Nimitz Hwy Institutional Controls Plan, Version 1.1, WBS 3.10.6, Apr 11, 2011
Imported From:

iHEER System - Documents

Date : Oct 30, 2010
Document No: 173699
Type: Undetermined
Title: Draft Iwilei District, 666 N Nimitz Hwy, Institutional Controls Plan, Version 1.0, WBS 3.10.6, Nov 30, 2010
Imported From:

iHEER System - Documents

Date : Jun 16, 2009
Document No: 173922
Type: Undetermined
Title: Draft Iwilei District 666 North Nimitz Highway 100 Percent Design Report, Ver 1.0, WBS 3.6.6
Imported From:

iHEER System - Documents

Date : Feb 20, 2009
Document No: 173875
Type: Undetermined
Title: Draft Iwilei District Nimitz Highway and 700 North Nimitz Highway 60 Percent Design Report, Ver 1.0, WBS 3.6.6
Imported From:

iHEER System - Documents

Date : Feb 21, 2002
Document No: 174362
Type: Undetermined
Title: Draft Nimitz Highway Source Water Quality Assessment
Imported From:

iHEER System - Documents

Date : May 2, 2003
Document No: 174162
Type: Undetermined
Title: Draft Permit of New 15,000-gallon Underground Storage Tank AT Hart Street Wastewater Pump Station
Imported From:

iHEER System - Documents

Date : May 16, 2006
Document No: 173985
Type: Comment Letter
Title: Draft Record of Decision, Former Manana Storage Areal Pearl City, Oahu, Hawaii (March 2006)
Imported From:

iHEER System - Documents

Date : May 16, 2007
Document No: 174046
Type: Comment Letter
Title: Draft Response Action Memorandum

Imported From:

iHEER System - Documents

Date : May 31, 2007
Document No: 173991
Type: Comment Letter
Title: Draft Response Action Memorandum - Honolulu Harbor/Iwilei District OU1c
Imported From:

iHEER System - Documents

Date : Jun 27, 2006
Document No: 174296
Type: Undetermined
Title: DRAFT SUMMARY REPORT NIMITZ PIPELINE INVESTIGATIONS: NIMITZ TRENCH, HAWAIIAN TELCOM TRENCH, AND SUMNER STREET MEDIAN EXCAVATION WBS 2.1.1
Imported From:

iHEER System - Documents

Date : Jan 27, 2005
Document No: 174048
Type: Undetermined
Title: Draft Work Plan for Evaluation of Petroleum Hydrocarbon Impacts At Lower Summer Street Honolulu, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Apr 28, 2023
Document No: 202844
Type: Undetermined
Title: E-permit for DOH Quarterly Project Update 1st Quarter 2023 Submittal
Imported From:

iHEER System - Documents

Date : May 14, 2006
Document No: 173981
Type: Comment Letter
Title: Enforceable Agreement (EA) and the Scope of Work (SOW)
Imported From:

iHEER System - Documents

Date : Oct 18, 2007
Document No: 173791
Type: Comment Letter
Title: Management of Environmental Concerns at Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Dec 22, 2004
Document No: 174369
Type: Undetermined
Title: Memo ti file: Year End Status of Response Sites Previously Noted to IDPP 12/22/2004
Imported From:

iHEER System - Documents

Date : Dec 22, 2004
Document No: 174427

Type: Undetermined
Title: Memo to file: Year End Status of Response Sites Previously noted to IDPP
Imported From:

iHEER System - Documents

Date : Feb 4, 2003
Document No: 174256
Type: Undetermined
Title: Methane Investigation Honolulu Harbor Pier 32 and Hilo Hattie Honolulu, Oahu, Hawaii Clayton Project No. 85-02130.00 February 4, 2003
Imported From:

iHEER System - Documents

Date : Jun 25, 2002
Document No: 174250
Type: Undetermined
Title: Methane Investigation Honolulu Harbor, Piers 24 to 29 Honolulu, Hawaii Clayton Project No. 85-02130.00 June 25, 2002
Imported From:

iHEER System - Documents

Date : Mar 28, 2002
Document No: 174338
Type: Undetermined
Title: Methane Investigation Honolulu Harbor Pier 21 Clayton Project No. 85.02130.00 March 28 2002
Imported From:

iHEER System - Documents

Date : Mar 28, 2002
Document No: 174253
Type: Undetermined
Title: Methane Investigation Honolulu Harbor Pier 24 Honolulu Hawaii Clayton Project No. 85-02130.00 March 28 2002
Imported From:

iHEER System - Documents

Date : Jun 13, 2006
Document No: 174414
Type: Undetermined
Title: Minutes of Meeting DOH-IDPP Policy Panel Meeting June 13 2006
Imported From:

iHEER System - Documents

Date : Nov 12, 2010
Document No: 173766
Type: Undetermined
Title: Misc. Public Meeting Documents, Maps
Imported From:

iHEER System - Documents

Date : Nov 4, 2011
Document No: 173720
Type: Undetermined
Title: Modify Operable Unit (OU) Boundaries
Imported From:

iHEER System - Documents

Date : Mar 31, 2011
Document No: 173722
Type: Undetermined
Title: Monthly Project UPDATE, Iwilei District Participating Parties LLC, Oct 1, 2011 through Oct 31, 2011
Imported From:

iHEER System - Documents

Date : Mar 31, 2011
Document No: 173721
Type: Undetermined
Title: Monthly Project UPDATE, Iwilei District Participating Parties LLC, Sep 1, 2011 through Sep 30, 2011
Imported From:

iHEER System - Documents

Date : Dec 14, 2001
Document No: 171402
Type: Undetermined
Title: Monthly/Weekly Project Updates-2001
Imported From: H:\Media126043

iHEER System - Documents

Date : Mar 11, 2003
Document No: 174066
Type: Undetermined
Title: Environmental Response Agreement date February 1 2001, Between Iwilei District Participating Parties and State of Hawaii, Department of Health/Change of Contact Information
Imported From:

iHEER System - Documents

Date : Apr 20, 2001
Document No: 174183
Type: Undetermined
Title: Environmental Response Agreement Statement of Work Task 7.0 Draft Project Management Plan
Imported From:

iHEER System - Documents

Date : Apr 20, 2001
Document No: 174276
Type: Undetermined
Title: Environmental Response Agreement Statement of Work Task 7.0 Draft Project Management Plan
Imported From:

iHEER System - Documents

Date : Jun 22, 2001
Document No: 174430
Type: Undetermined
Title: Environmental Risk Assessment, Piers 36-38, Honolulu Harbor, JO B H C 10064
Imported From:

iHEER System - Documents

Date : Mar 4, 2010
Document No: 173915
Type: Undetermined
Title: EVALUATION OF INTERIM REMEDIAL MEASURES PROGRAM: SPH RECOVERY AND MONITORING IN OUIK AND CONTIGUOUS 002 AND 003 AREAS Version 1 WBS 3.1.5
Imported From:

iHEER System - Documents

Date : Oct 12, 2010
Document No: 173695
Type: Monitoring Report
Title: Evaluation of Interim Remedial Measures Program: SPH Recovery and Monitoring in OU1C and Contiguous OU2 and OU3 Areas Version 2.0, Oct 12, 2010
Imported From:

iHEER System - Documents

Date : Jul 15, 2010
Document No: 173691
Type: Monitoring Report
Title: Evaluation of IRM Program: SPH Recovery and Monitoring -Cover Sheet
Imported From:

iHEER System - Documents

Date : May 3, 2010
Document No: 173689
Type: Undetermined
Title: Evaluation of IRM Program: SPH Recovery and Monitoring in OU1C and Contiguous OU2 and OU3 Areas Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 4, 2010
Document No: 173913
Type: Undetermined
Title: Evaluation of IRM Program: SPH Recovery and Monitoring in OUI C and Contiguous OU2 and OU3 Areas
Imported From:

iHEER System - Documents

Date : Jan 7, 2005
Document No: 174279
Type: Undetermined
Title: Evaluation of Petroleum Hydrocarbon Impacts at Lower Sumner Street, Honolulu, Oahu, Hawaii January 7 2005
Imported From:

iHEER System - Documents

Date : May 30, 2013
Document No: 173755
Type: Undetermined
Title: Executive Summary - IDPP Master Schedule Version 1.26
Imported From:

iHEER System - Documents

Date : Apr 22, 2019
Document No: 171283
Type: Undetermined
Title: Executive Summary for 2018 Annual Report, V1, WBS 1.8.3
Imported From: H:\Media\137278

iHEER System - Documents

Date : Jul 10, 2009
Document No: 173892
Type: Undetermined
Title: FCH Enterprises, Inc. 's Comments on: Draft Iwilei District, 666 Nmth Nimitz Highway, 100 Percent Remedial Design Report, dated June 16, 2009 (Prepared by Strategic Engineering and Science, Inc.)

Imported From:

iHEER System - Documents

Date : Mar 10, 2009
Document No: 173882
Type: Undetermined
Title: FCH Enterprises, Inc. 's Comments on: Iwilei District, 666 North Nimitz Highway, 60 Percent Remedial Design Report, dated February 20, 2009 (Prepared by Strategic Engineering and Science, Inc.)

Imported From:

iHEER System - Documents

Date : Jul 15, 2009
Document No: 173829
Type: Comment Letter
Title: FCH Enterprises, Inc.'s comments on "Draft Iwilei District 666 North Nimitz Highway 100 Percent Remedial Design Report," Version 1.0, W.B.S. 3.6.6, dated June 16,2009 and prepared by Strategic Engineering & Science, Inc

Imported From:

iHEER System - Documents

Date : Sep 29, 2006
Document No: 174294
Type: Undetermined
Title: FINAL 2005 INTERIM INSTITUTIONAL c6??fi6Ls ANNUAL REPORT Version 2.0 WBS 3.3.4 September 29, 2006

Imported From:

iHEER System - Documents

Date : Mar 1, 1997
Document No: 174272
Type: Undetermined
Title: Final Archaeological Excavations at Kuwili Fishpond, Site of the Proposed Liliha Civic Center Kalihi-Palama, Oahu

Imported From:

iHEER System - Documents

Date : Oct 31, 2002
Document No: 174193
Type: Undetermined
Title: Final Draft Project Management Plan - October 31, 2002

Imported From:

iHEER System - Documents

Date : Jun 18, 2002
Document No: 174357
Type: Undetermined
Title: Final Environmental Assessment - Nimitz Highway Reconstructed Sewer

Imported From:

iHEER System - Documents

Date : Mar 14, 2001
Document No: 174042
Type: Comment Letter
Title: Final Environmental Response Agreement Between Honolulu Harbor Participating Parties and the State of Hawaii, Department of Health

Imported From:

iHEER System - Documents

Date : Dec 4, 2009

Document No: 173917
Type: Undetermined
Title: Final Iwilei District 666 North Nimitz Highway 100 Percent Design Report, Ver 2.0, WBS 3.6.6
Imported From:

iHEER System - Documents

Date : Dec 24, 2004
Document No: 171403
Type: Undetermined
Title: Monthly/Weekly Project Updates-2002
Imported From: H:\Media126043

iHEER System - Documents

Date : Jan 2, 2004
Document No: 171404
Type: Undetermined
Title: Monthly/Weekly Project Updates-2003
Imported From: H:\Media126043

iHEER System - Documents

Date : Jan 6, 2004
Document No: 171405
Type: Undetermined
Title: Monthly/Weekly Project Updates-2004
Imported From: H:\Media126043

iHEER System - Documents

Date : Feb 1, 1997
Document No: 171397
Type: Undetermined
Title: Newspaper Articles & Miscellaneous Fact Sheets (1996-2004)
Imported From: H:\Media126619

iHEER System - Documents

Date : Jan 18, 2002
Document No: 174359
Type: Undetermined
Title: Nimitz Highway 16-inch Water Main - Boring Location Plan and Oceanic Analytical Laboratory Inc's Test Results for Samples on 12/20/2001
Imported From:

iHEER System - Documents

Date : May 22, 2002
Document No: 174363
Type: Undetermined
Title: Nimitz Highway Rehabilitation and Water System Improvements NOI Form G File No I01GB193
Imported From:

iHEER System - Documents

Date : Jul 13, 2001
Document No: 174361
Type: Undetermined
Title: Nimitz Highway Source Water Quality Assessment
Imported From:

iHEER System - Documents

Date : Sep 12, 2001
Document No: 174176
Type: Undetermined
Title: Notice of Federal Interest under the Oil Pollution Act of 1990
Imported From:

iHEER System - Documents

Date : Sep 5, 2002
Document No: 174071
Type: Undetermined
Title: Notice of Federal Interest under the Oil Pollution Act of 1990 dated September 12 2001
Imported From:

iHEER System - Documents

Date : Dec 7, 2000
Document No: 174030
Type: Comment Letter
Title: Notice of Immediate Oil Spill and Hazardous Substances Response Action, Honolulu Harbor, Iwilei Unit, Hawaii
Imported From:

iHEER System - Documents

Date : Jul 30, 2001
Document No: 174364
Type: Undetermined
Title: Notice of Intent (NOI) for Discharges of Construction Dewatering Nimitz Highway Rehabilitation and Water System Improvements July 2001
Imported From:

iHEER System - Documents

Date : Aug 10, 2004
Document No: 174137
Type: Undetermined
Title: Notice of Interest in a Release or Threatened Release of Hazardous Substances Dated April 27, 2004
Imported From:

iHEER System - Documents

Date : Aug 9, 2001
Document No: 174175
Type: Undetermined
Title: Notification of HHPP Project Coordinator and Environmental Consultant in Accordance with the July 16, 2001 Notice of Federal Interest Under the Oil Pollution Act of 1990
Imported From:

iHEER System - Documents

Date : May 1, 2007
Document No: 173993
Type: Comment Letter
Title: Notification of Investigation Activities - 775 North Nimitz Highway Property
Imported From:

iHEER System - Documents

Date : May 1, 2007
Document No: 173992
Type: Comment Letter
Title: Notification of Investigation Activities - Hilo Hattie
Imported From:

iHEER System - Documents

Date : May 1, 2007
Document No: 173995
Type: Comment Letter
Title: Notification of Investigation Activities - Weinberg Foundation Properties on Nimitz Hwy
Imported From:

iHEER System - Documents

Date : May 1, 2007
Document No: 173994
Type: Comment Letter
Title: Notification of Investigation Activities - Zippy's Property Locates at 634 N Nimitz Highway and 666 N Nimitz Highway
Imported From:

iHEER System - Documents

Date : Oct 18, 2001
Document No: 174174
Type: Undetermined
Title: Notification of Soil Vapor Detection, Piers No. 24 to 29, Honolulu Harbor, Island of Oahu
Imported From:

iHEER System - Documents

Date : Oct 17, 2001
Document No: 174170
Type: Undetermined
Title: Notification of Soil Vapor Detections
Imported From:

iHEER System - Documents

Date : Jul 22, 2004
Document No: 174136
Type: Undetermined
Title: Oil Spill Identification Analysis Cost Recovery Documentation, Check-in Log and Identification Report
Imported From:

iHEER System - Documents

Date : Mar 28, 2001
Document No: 174346
Type: Undetermined
Title: Operating Companies SOW Meeting 03/28/01
Imported From:

iHEER System - Documents

Date : Oct 31, 2008
Document No: 173862
Type: Undetermined
Title: OU1C and Contiguous Area Long-Term Monitoring Program Approach Technical Memorandum
Imported From:

iHEER System - Documents

Date : Apr 25, 2008
Document No: 171341
Type: Undetermined
Title: OU1C and Contiguous OU2 Remedial Design Approach Technical Memo
Imported From: H:\Media38143

iHEER System - Documents

Date : Jul 10, 2002
Document No: 174160
Type: Undetermined
Title: Group name change and new Project Manager
Imported From:

iHEER System - Documents

Date : Jul 26, 2005
Document No: 173972
Type: Comment Letter
Title: Guidance when Encountering Petroleum Contamination during Construction
Imported From:

iHEER System - Documents

Date :
Document No: 171386
Type: Undetermined
Title: Harbor Industrial Area off Harbor-Photos
Imported From: H:\Media63560

iHEER System - Documents

Date :
Document No: 171383
Type: Undetermined
Title: Hart St, AST-Photos
Imported From: H:\Media63565

iHEER System - Documents

Date : Oct 4, 1990
Document No: 174474
Type: Undetermined
Title: Hawaii Administrative Rules Title 11 DOH Chapter 5 Environmentally-Related Illness and Injury Reporting
Imported From:

iHEER System - Documents

Date : Dec 22, 2008
Document No: 173814
Type: Comment Letter
Title: Hawaii Department of Health ("HDOH") response to comments by Masa Fujiolta & Associates on behalf of owners of 775 N. Nimitz Hwy.
Imported From:

iHEER System - Documents

Date : Dec 22, 2008
Document No: 173812
Type: Comment Letter
Title: Hawaii Department of Health ("HDOH") response to FCH Enterprises ("FCH") comments received on 12/22/08
Imported From:

iHEER System - Documents

Date : Jul 7, 2001
Document No: 174173
Type: Undetermined
Title: Hawaii Department of Health and U.S. Environmental Protection Agency Clean-Up for Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Mar 12, 2009
Document No: 173822
Type: Comment Letter
Title: Hawaii Department of Health Response to "Comments on 60 Percent Remedial Design Report," dated March 10,2009 and prepared by Masa Fujiolca & Associates
Imported From:

iHEER System - Documents

Date : Mar 12, 2009
Document No: 173823
Type: Comment Letter
Title: Hawaii Department of Health Response to "FCH Enterprises, Inc.'s Comments on 60 Percent Remedial Design Report," dated March 10,2009 and prepared by Bureau Veritas
Imported From:

iHEER System - Documents

Date : Sep 8, 2009
Document No: 173838
Type: Comment Letter
Title: HDOH and FCH Enterprises, Inc. responses to IDPP Responses to July 15,2009 Preliminary HDOH Comments and July 10,2009 FCH Comments (Review of Draft Iwilei District, 666 North Nimitz Highway, 100 Percent Remedial Design Report Version 1.0, June 16, 2009)
Imported From:

iHEER System - Documents

Date : Nov 12, 2010
Document No: 173647
Type: Comment Letter
Title: HDOH comments on "Evaluation of Interim Remedial Measures Program: SPH Recovery and Monitoring in OU1C and Contiguous OU2 and OU3 Areas, " Version 2 WBS 3.1.5, Oct 12, 2010
Imported From:

iHEER System - Documents

Date : Apr 1, 2010
Document No: 173856
Type: Comment Letter
Title: HDOH Comments on "Final Iwilei District Nimitz Highway and 700 North Nimitz Highway, 100 Percent Remedial Design Report" dated March 1, 2010
Imported From:

iHEER System - Documents

Date : Mar 15, 2010
Document No: 173854
Type: Comment Letter
Title: HDOH Comments on "Response to Comments on Phase 2 Soil Gas Investigation Report, 755 and 775 North Nimitz Highway" dated 2/16/10
Imported From:

iHEER System - Documents

Date : Nov 12, 2010
Document No: 173646
Type: Comment Letter
Title: HDOH comments on "Response to Jun 2, 2010 HDOH comments on "Evaluation of Interim Remedial Measures Program: SPH Recovery and Monitoring in OU1C and Contiguous OU2 and OU3 Areas", Mar 4, 2010," , Jul 15, 2010
Imported From:

iHEER System - Documents

Date : Feb 22, 2011
Document No: 173655
Type: Comment Letter
Title: HDOH comments on Jan 21, 2011 IDPP Responses to Dec 22, 2010 HDOH comments on "Methane Investigation Work Plan, 1130 N Nimitz Hwy, Version 1, WBS 3.1.5", Nov 22, prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Mar 24, 2010
Document No: 173853
Type: Comment Letter
Title: HDOH Comments on the "2009 Annual Report, Version 1, WBS 1.8.3" dated March 1, 2010
Imported From:

iHEER System - Documents

Date : Sep 28, 2010
Document No: 173693
Type: Undetermined
Title: HDOH Letter of Interest and Recommendations for Action - 8/16/2010, Iwilei District/Honolulu Harbor Project (IDPP)
Imported From:

iHEER System - Documents

Date : Apr 20, 2011
Document No: 173658
Type: Comment Letter
Title: HDOH Response to Mar 17, 2011 IDPP Comments on "Feb 14, 2011 DOH comments on Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 2, WBS 3.1.5"
Imported From:

iHEER System - Documents

Date : Sep 23, 2010
Document No: 173648
Type: Comment Letter
Title: HDOH Response to Sep 7, 2010 Comments on "Phase 2 Soil Gas Investigation Report", 700 N Nimitz Hwy, Version 1, WBS 3.1.5, Jul 14, 2010
Imported From:

iHEER System - Documents

Date : Dec 22, 2010
Document No: 173657
Type: Comment Letter
Title: HDOH Review of "Methane Investigation Work Plan, 1130 N Nimitz Hwy, Version 2.0, WBS 3.1.5", Mar 24, 2011, prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Apr 22, 2002
Document No: 174166
Type: Undetermined
Title: Hilo Hattie Facility 700 N. Nimitz Highway - Request for Property Access
Imported From:

iHEER System - Documents

Date : Feb 28, 2004
Document No: 171382

Type: Undetermined
Title: HJW, Nimitz Excavation-Photos (02/2004)
Imported From: H:\Media63567

iHEER System - Documents

Date : Feb 13, 1995
Document No: 173999
Type: Comment Letter
Title: Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Jan 1, 2004
Document No: 174291
Type: Undetermined
Title: HONOLULU HARBOR BULKHEAD SURVEY REPORT 1-wilei District - Honolulu Harbor Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Sep 8, 2005
Document No: 174124
Type: Undetermined
Title: Honolulu Harbor - Iwilei District Oil Contamination Order - Scope of Work
Imported From:

iHEER System - Documents

Date : Mar 10, 2006
Document No: 174130
Type: Undetermined
Title: Honolulu Harbor - Iwilei District Petroleum Contamination Revisions to Scope of Work for Characterization and Cleanup
Imported From:

iHEER System - Documents

Date : Mar 12, 2012
Document No: 174140
Type: Undetermined
Title: Honolulu Harbor - Oil Pollution Investigation Request for Investigation of Army Pipelines by U.S. Corps of Engineers
Imported From:

iHEER System - Documents

Date : Sep 23, 1997
Document No: 174015
Type: Comment Letter
Title: Honolulu Harbor and the Pipeline Committee
Imported From:

iHEER System - Documents

Date : Mar 21, 1996
Document No: 174047
Type: Comment Letter
Title: Honolulu Harbor Area-wide Contamination Work Group Meeting
Imported From:

iHEER System - Documents

Date : Jul 26, 1995
Document No: 174006
Type: Comment Letter
Title: Honolulu Harbor Areawide Familiarization
Imported From:

iHEER System - Documents

Date : Jun 30, 1998
Document No: 174339
Type: Undetermined
Title: Honolulu Harbor Bioassays & Bioaccumulation Testing FY99 Maintenance Dredging State of Hawaii Commercial Ports
Imported From:

iHEER System - Documents

Date : Jan 1, 2004
Document No: 174261
Type: Undetermined
Title: HONOLULU HARBOR BULKHEAD SURVEY REPORT Iwilei District - Honolulu Harbor Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Jan 13, 2004
Document No: 174059
Type: Undetermined
Title: Honolulu Harbor Bulkhead Survey Report Iwilei District, Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Jul 23, 2004
Document No: 174049
Type: Undetermined
Title: Honolulu Harbor Case No 20040715-1530
Imported From:

iHEER System - Documents

Date : Jul 12, 2000
Document No: 174022
Type: Comment Letter
Title: Honolulu Harbor Contaminated Area - Iwilei Section Hondo Oil and Gas Company
Imported From:

iHEER System - Documents

Date : Mar 29, 2002
Document No: 174028
Type: Comment Letter
Title: Honolulu Harbor Contaminated Area - Iwilei Section Honolulu Limited
Imported From:

iHEER System - Documents

Date : Jul 12, 2000
Document No: 174024
Type: Comment Letter
Title: Honolulu Harbor Contaminated Area-Iwilei Section CT Corporation
Imported From:

iHEER System - Documents

Date : Mar 31, 1997
Document No: 174347
Type: Undetermined
Title: Honolulu Harbor HDOH - Work Group Meeting Agenda January 24 1997
Imported From:

iHEER System - Documents

Date : Apr 9, 1996
Document No: 174014
Type: Comment Letter
Title: Honolulu Harbor Investigation April 9 1996
Imported From:

iHEER System - Documents

Date :
Document No: 178579
Type: Review Letter
Title: Honolulu Harbor Iwilei District Participating Parties, Site ID 2850
Imported From:

iHEER System - Documents

Date : Oct 1, 1997
Document No: 174249
Type: Undetermined
Title: Honolulu Harbor Iwilei Unit Phase I Environmental Assessment Vol I Report and Appendices
Imported From:

iHEER System - Documents

Date : Oct 31, 1995
Document No: 174461
Type: Undetermined
Title: Honolulu Harbor October 31 1995
Imported From:

iHEER System - Documents

Date : Sep 30, 1945
Document No: 171393
Type: Undetermined
Title: Honolulu Harbor Oil Lines, Piers 2-40-Blueprints (09/1945)
Imported From: H:\Media63544

iHEER System - Documents

Date : Dec 13, 2005
Document No: 173976
Type: Comment Letter
Title: Honolulu Harbor Project Technical Teleconference
Imported From:

iHEER System - Documents

Date : Dec 30, 2002
Document No: 174378
Type: Undetermined
Title: Honolulu Harbor Project Weekly Report for the Week of December 24-30 2002
Imported From:

iHEER System - Documents

Date : Jan 18, 2002
Document No: 174367
Type: Undetermined
Title: Honolulu Harbor Project Weekly Report for the Week of December 24-30 2002
Imported From:

iHEER System - Documents

Date : Jan 6, 2006
Document No: 174121
Type: Undetermined
Title: Honolulu Harbor Scope of Work January 6 2006
Imported From:

iHEER System - Documents

Date : Jan 30, 1997
Document No: 173996
Type: Comment Letter
Title: Honolulu Harbor Technical Work Group Meeting on January 24, 1997
Imported From:

iHEER System - Documents

Date : Jun 26, 1998
Document No: 174348
Type: Undetermined
Title: Honolulu Harbor Technical Working Group Hawaii DOH Meeting Agenda June 26 1998
Imported From:

iHEER System - Documents

Date : Feb 13, 1995
Document No: 174005
Type: Comment Letter
Title: Honolulu Harbor Waterfront Areawide Petroleum Contamination Update Meeting February 13 1995
Imported From:

iHEER System - Documents

Date : Feb 14, 1995
Document No: 174007
Type: Comment Letter
Title: Honolulu Harbor Waterfront Areawide Petroleum Contamination Update Meeting February 14 1995
Imported From:

iHEER System - Documents

Date : Sep 21, 2000
Document No: 174185
Type: Undetermined
Title: Honolulu Harbor Working Group
Imported From:

iHEER System - Documents

Date : Jun 1, 1998
Document No: 171375
Type: Undetermined
Title: Honolulu Harbor, Bioassays & Bioaccumulation Testing, FY99 Maintenance Dredging State of Hawaii Commercial Ports
Imported From: H:\Media\102968

iHEER System - Documents

Date : Jun 1, 1998
Document No: 171376
Type: Undetermined
Title: Honolulu Harbor, Bioassays & Bioaccumulation Testing, FY99 Maintenance Dredging State of Hawaii Commercial Ports-Figures
Imported From: H:\Media102968

iHEER System - Documents

Date : Dec 31, 2008
Document No: 173872
Type: Undetermined
Title: Honolulu Harbor, Iwilei Unit, CA
Imported From:

iHEER System - Documents

Date :
Document No: 171385
Type: Undetermined
Title: Honolulu Harbor, Storm Drain-Photos
Imported From: H:\Media63561

iHEER System - Documents

Date : Mar 10, 1999
Document No: 173998
Type: Comment Letter
Title: Honolulu Harbor: Non-Receipt of Phase I Report; Follow-Up on Petroleum Seepages and Vapors
Imported From:

iHEER System - Documents

Date : Oct 26, 1999
Document No: 174025
Type: Comment Letter
Title: Identification of Additional Parties Responsible for Petroleum Releases in the Iwilei Unit of Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Nov 12, 1999
Document No: 174469
Type: Undetermined
Title: Identification of Additional Parties Responsible for Petroleum Releases in the Iwilei Unit of Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Feb 27, 2009
Document No: 173880
Type: Undetermined
Title: IDPP 2008 ANNUAL REPORT Version 1.0 WBS 1.8.3
Imported From:

iHEER System - Documents

Date : Mar 1, 2010
Document No: 173723
Type: Undetermined
Title: IDPP 2011 Annual Report Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 1, 2012
Document No: 173724
Type: Undetermined
Title: IDPP 2011 Annual Report Version 1 WBS 1.8.3 Mar 1, 2012
Imported From:

iHEER System - Documents

Date : Apr 1, 2013
Document No: 173735
Type: Undetermined
Title: IDPP 2012 Annual Report
Imported From:

iHEER System - Documents

Date : Apr 1, 2013
Document No: 173734
Type: Undetermined
Title: IDPP 2012 Annual Report Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 30, 2018
Document No: 173774
Type: Undetermined
Title: IDPP Accomplishments Enforceable Agreement Effective Apr 2006: Major Deliverables Prepared, Engineering Remedies Completed, Institutional Control Responses Undertaken Presentation
Imported From:

iHEER System - Documents

Date : Jul 12, 2012
Document No: 173732
Type: Undetermined
Title: IDPP comments on Mar 2012 Draft Field Investigation of the Chemistry and Toxicity of TPH in Petroleum Vapors: Implications for Potential Vapor Intrusion Hazards, Hawaii Department of Health
Imported From:

iHEER System - Documents

Date : Feb 11, 2003
Document No: 174073
Type: Undetermined
Title: IDPP Contamination Notification Policy
Imported From:

iHEER System - Documents

Date : Mar 31, 2012
Document No: 173725
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Cover Sheet
Imported From:

iHEER System - Documents

Date : Sep 30, 2011
Document No: 173716
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Cover Sheet

Imported From:

iHEER System - Documents

Date : Mar 11, 2011
Document No: 173712
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Cover Sheet
Imported From:

iHEER System - Documents

Date : May 17, 2006
Document No: 174473
Type: Agreement
Title: Enforceable Agreement -Honolulu Habor/Iwilei District Signed Agreement May 17 2006
Imported From:

iHEER System - Documents

Date : Nov 16, 2016
Document No: 173756
Type: Site Characterization Report
Title: Engineering Consulting Services - Drilling and Groundwater, Monitoring Well Installation at Pier 29
Imported From:

iHEER System - Documents

Date : Aug 14, 2001
Document No: 174177
Type: Undetermined
Title: Environmental Investigation Near Pier 32 (Former Pauley Petroleum Site), Honolulu Harbor, Oahu, Job H.C. 10110
Imported From:

iHEER System - Documents

Date : Mar 31, 2015
Document No: 173775
Type: Environmental Hazard Management Plan
Title: Programmatic EHE/EHMP Document Version 2.0 March 2015, Iwilei District, Honolulu Hawaii
Imported From:

iHEER System - Documents

Date : Jul 10, 2006
Document No: 174298
Type: Undetermined
Title: PROJECT MANAGEMENT PLAN VERSION 2.0 WBS 1.3.1 I wilei District Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Aug 13, 2002
Document No: 171368
Type: Undetermined
Title: Project Management Plan Remedial Investigation and Response Activities
Imported From: H:\Media37982

iHEER System - Documents

Date : Nov 30, 2010
Document No: 173768
Type: Undetermined
Title: Pacific Commercial Services (PCS) Air Monitoring Plan, Construction of Pier 29 Container Yard, Honolulu Harbor,

Imported From: Hawaii Revision 2

iHEER System - Documents

Date : Nov 30, 2010
Document No: 173769
Type: Undetermined
Title: Pacific Commercial Services (PCS) Air Monitoring Plan, Construction of Pier 29 Container Yard, Honolulu Harbor, Hawaii, Revision 3

Imported From:

iHEER System - Documents

Date : Nov 4, 2004
Document No: 174464
Type: Undetermined
Title: Pacific Street Oil Seep Recommendations for Additional Excavation

Imported From:

iHEER System - Documents

Date : May 17, 2002
Document No: 174360
Type: Undetermined
Title: Pan America Environmental Calculations for Treatment System

Imported From:

iHEER System - Documents

Date : Jan 9, 2004
Document No: 174457
Type: Undetermined
Title: Pauley Petroleum Scope of Work Part 2 Interim Remedial Action: Installation of Recovery Test Trench

Imported From:

iHEER System - Documents

Date : Jul 27, 2006
Document No: 173987
Type: Comment Letter
Title: Personnel Assignments for Honolulu Harbor Project

Imported From:

iHEER System - Documents

Date : Nov 5, 2009
Document No: 171334
Type: Undetermined
Title: Phase 2 Soil Gas Investigation Report 755 and 775 N Nimitz Hwy V1 WBS 3.1.5
Imported From: H:\Media61519

iHEER System - Documents

Date : Aug 13, 2002
Document No: 171369
Type: Undetermined
Title: Project Management Plan Remedial Investigation and Response Activities-Cover Letter
Imported From: H:\Media37982

iHEER System - Documents

Date : Jun 23, 2010
Document No: 173644

Type: Undetermined
Title: Project Management Transition
Imported From:

iHEER System - Documents

Date : Jun 19, 2001
Document No: 174416
Type: Undetermined
Title: Proposed EPA Rapid Assessment Scope of Work
Imported From:

iHEER System - Documents

Date : Apr 24, 2006
Document No: 173984
Type: Comment Letter
Title: Proposed Infiltration Trench for Disposal of Pilot Test Effluent
Imported From:

iHEER System - Documents

Date : Apr 11, 2006
Document No: 174134
Type: Undetermined
Title: Proposed Infiltration Trench for Disposal of Pilots Test Effluent
Imported From:

iHEER System - Documents

Date : Sep 8, 2006
Document No: 174421
Type: Undetermined
Title: Proposed Meeting USCG and IDPP, DOT Harbors and DOH Representatives
Imported From:

iHEER System - Documents

Date : Feb 22, 2005
Document No: 174284
Type: Undetermined
Title: Proposed SPH Interim Remedial Measures (IRM) for Operable Unit OUI C and Contiguous Portion of OU2, Iwilei District
Imported From:

iHEER System - Documents

Date : Jul 6, 2007
Document No: 173782
Type: Comment Letter
Title: Proposed Work Schedule after April 30,2008
Imported From:

iHEER System - Documents

Date : Apr 2, 2002
Document No: 174164
Type: Undetermined
Title: Protocol for Pipeline Abandonment
Imported From:

iHEER System - Documents

Date : Jan 21, 2009

Document No: 173813
Type: Comment Letter
Title: Public Comments Period (December 15,2008-January 15,2009) for "Revised Draft Response Action Memorandum (RAM)" dated November 10,2008.
Imported From:

iHEER System - Documents

Date : Jun 23, 2003
Document No: 174043
Type: Comment Letter
Title: Purpose of meeting on June 26 2003
Imported From:

iHEER System - Documents

Date : Dec 4, 2002
Document No: 174355
Type: Undetermined
Title: Question for Board of Water Supply (BOWS) submitted by IDPP members for October 2-4 meeting
Imported From:

iHEER System - Documents

Date : Jan 31, 2002
Document No: 171370
Type: Undetermined
Title: Rapid Assessment Data Report
Imported From: H:\Media37978

iHEER System - Documents

Date : Jan 31, 2002
Document No: 180678
Type: Undetermined
Title: Rapid Assessment Phase I - Appendix C
Imported From:

iHEER System - Documents

Date : Jan 31, 2002
Document No: 180680
Type: Undetermined
Title: Rapid Assessment Phase I -Data Tables
Imported From:

iHEER System - Documents

Date : Jan 31, 2002
Document No: 180681
Type: Undetermined
Title: Rapid Assessment Phase I- Appendices Volume II
Imported From:

iHEER System - Documents

Date : Apr 11, 2003
Document No: 174341
Type: Undetermined
Title: Rapid Assessment Phase II Data Report Iwilei Unit April 11 2003
Imported From:

iHEER System - Documents

Date : Jan 31, 2002
Document No: 180679
Type: Undetermined
Title: Rapid Assessment Phase_I Data Report
Imported From:

iHEER System - Documents

Date : Jan 31, 2002
Document No: 174194
Type: Undetermined
Title: Rapid Assessment Report
Imported From:

iHEER System - Documents

Date : Jan 28, 2021
Document No: 178581
Type: Review Letter
Title: Re-Evaluation of Methane Matrix
Imported From:

iHEER System - Documents

Date : May 31, 2011
Document No: 173715
Type: Undetermined
Title: Re: Draft Iwilei District 666 N Nimitz Hwy Institutional Controls, Plan, Version 1.1, WBS 3.10.6, Apr 11, 2011
Imported From:

iHEER System - Documents

Date : Feb 10, 2022
Document No: 183404
Type: E-mail
Title: Re: February Monthly IDPP call cancelled
Imported From:

iHEER System - Documents

Date : Dec 27, 2010
Document No: 173765
Type: Undetermined
Title: Re: IDPP's Work in and over Drainage Easements Affecting TMKs 1-1-5-34-4, 8 and 10 and 1-1-5-35-8, 9 and 15
Imported From:

iHEER System - Documents

Date : Aug 7, 2009
Document No: 173834
Type: Comment Letter
Title: Recommendations for Construction of Pier 29 Container Yard
Imported From:

iHEER System - Documents

Date : Nov 18, 2004
Document No: 173952
Type: Comment Letter
Title: Release Notification submitted to HEER
Imported From:

iHEER System - Documents

Date : Apr 11, 2003
Document No: 174145
Type: Undetermined
Title: Replacement of pages 6-1 and 6-2 of Site Assessment and Prioritization Report
Imported From:

iHEER System - Documents

Date : Nov 14, 2005
Document No: 173974
Type: Comment Letter
Title: Request for an Extension of the Pilot Test Project Start Date
Imported From:

iHEER System - Documents

Date : May 31, 2002
Document No: 174167
Type: Undetermined
Title: Request for Assistance in Obtaining Information and Financial Contribution from United States Government
Imported From:

iHEER System - Documents

Date : Jun 26, 2014
Document No: 173758
Type: Undetermined
Title: Request for Comments on Draft EHMP, Dec 31, 2012, and prepared by Iwilei District Participating Parties LLC
Imported From:

iHEER System - Documents

Date : Jun 10, 2002
Document No: 174287
Type: Undetermined
Title: Request for Determination of Non-Applicability of Air Permit Requirements of Operation of a Proposed Multi-Phase Hydrocarbon Recovery System at the Iwilei District Pier 26
Imported From:

iHEER System - Documents

Date : Dec 24, 2002
Document No: 173941
Type: Comment Letter
Title: Request for Information Letter
Imported From:

iHEER System - Documents

Date : Sep 26, 2002
Document No: 174161
Type: Undetermined
Title: Request for Information Pursuant to Sections 311 and 308 of the Clean Water Act, 33 U.S.C. 1321 and 1318
Imported From:

iHEER System - Documents

Date : Apr 21, 2005
Document No: 173970
Type: Comment Letter
Title: Request for Information Related to Names, Addresses, Telephone Numbers, etc.
Imported From:

iHEER System - Documents

Date : Feb 17, 2005
Document No: 173960
Type: Comment Letter
Title: Request for Payment of Cost Corrected Cost and Activity Summary Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health July 1-December 31 2004
Imported From:

iHEER System - Documents

Date : Oct 4, 2007
Document No: 173789
Type: Comment Letter
Title: Request for Payment of Costs As defined in the Agreement for Remedial Action between BHP Hawai'i, Inc. and the State of Hawaii Department of Health, for the Former Gasco Plant Site in the Iwilei District of Honolulu, Site "FXn"
Imported From:

iHEER System - Documents

Date : Mar 9, 2007
Document No: 173989
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Agreement Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health - Period of July 1 - December 31 2006
Imported From:

iHEER System - Documents

Date : Jul 30, 2008
Document No: 173804
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health
Imported From:

iHEER System - Documents

Date : Jul 31, 2008
Document No: 173808
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : May 18, 2009
Document No: 173826
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Apr 9, 2010
Document No: 173852
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Aug 12, 2009
Document No: 173835
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Mar 23, 2009
Document No: 173827
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Apr 8, 2008
Document No: 173805
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Mar 23, 2009
Document No: 173820
Type: Comment Letter
Title: Request for Payment of Costs Enforceable Agreement for Environmental Response Actions Between the, Honolulu Harbor Iwilei District Participating Parties and the State of Hawaii Department of Health, May 11, 2006
Imported From:

iHEER System - Documents

Date : Jan 13, 2005
Document No: 173956
Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health - Period of July 1 - December 31 2004
Imported From:

iHEER System - Documents

Date : Mar 2, 2006
Document No: 173982
Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health - Period of July 1- December 31 2005
Imported From:

iHEER System - Documents

Date : Apr 28, 2005
Document No: 173966
Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health Period of January 1 - March 31 2005
Imported From:

iHEER System - Documents

Date : Sep 24, 2003
Document No: 173943

Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health, February 1, 2001

Imported From:

iHEER System - Documents

Date : Jan 22, 2004
Document No: 173944
Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health, July 1-December 31 2003

Imported From:

iHEER System - Documents

Date : Apr 22, 2004
Document No: 173945
Type: Comment Letter
Title: Request for Payment of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii, January 1-March 31 2004

Imported From:

iHEER System - Documents

Date : Aug 26, 2005
Document No: 173973
Type: Comment Letter
Title: Request for Payments of Costs Environmental Response Agreement Between the Honolulu Harbor Participating Parties and the State of Hawaii Department of Health April 1 - June 30 2005

Imported From:

iHEER System - Documents

Date : Jan 14, 2010
Document No: 173851
Type: Comment Letter
Title: Required sampling at parcels adjacent to Nimitz Highway

Imported From:

iHEER System - Documents

Date : May 3, 2010
Document No: 173921
Type: Undetermined
Title: Response to April 1, 2010 HDOH Comments on "Evaluation of Interim Remedial Measures Program: SPH Recovery and Monitoring in OUJC a11d Contiguous OU2 and OU3 Areas" dated March 4, 2010

Imported From:

iHEER System - Documents

Date : Nov 12, 2008
Document No: 173861
Type: Undetermined
Title: Response to DOH June 27, 2008 Comments on Draft Iwilei District OUIC and OU3 LNAPL and Soil Gas Characterization, Supplemental Remedial Investigation, Version 1.0, WBS 3.1.5 dated 6/4/08

Imported From:

iHEER System - Documents

Date : Jun 12, 2007
Document No: 173926
Type: Undetermined
Title: Response to DOH May 7, 2007 Comments on Work Plan, OUJC and OU2 Light Non- Aqueous Phase Liquid and Soil Gas Characterization, Supplemental Remedial Investigation, Version 1.0, WES 3.1.5 dated March 16, 2007

Imported From:

iHEER System - Documents

Date : Sep 13, 2001
Document No: 174171
Type: Undetermined
Title: Response to EPA/DOH Comments on the HHPP Work Plan for Rapid Assessment Activities
Imported From:

iHEER System - Documents

Date : Sep 13, 2001
Document No: 174458
Type: Undetermined
Title: Response to EPA/DOH Comments on the HHPP Work Plan for Rapid Assessment Activities
Imported From:

iHEER System - Documents

Date : Mar 27, 2009
Document No: 173888
Type: Undetermined
Title: Response to HDOH Comments on the 666 North Nimitz Highway 60 Percent Remedial Design Report, Version 1.0, February 20, 2009
Imported From:

iHEER System - Documents

Date : Mar 27, 2009
Document No: 173886
Type: Undetermined
Title: Response to HDOH Comments on the 700 North Nimitz Highway 60 Percent Remedial Design Report, Version 1.0, February 20, 2009
Imported From:

iHEER System - Documents

Date : Mar 27, 2009
Document No: 173887
Type: Undetermined
Title: Response to HDOH Comments on the 775 North Nimitz Highway 60 Percent Remedial Design Report, Version 1.0, February 20, 2009
Imported From:

iHEER System - Documents

Date : Apr 27, 2005
Document No: 174118
Type: Undetermined
Title: Response to HEER's 3/23/05 Comments to the IDPP's "Proposed SPH Interim Remedial Measures (IRM) for Operable Unit (OU) IC and Contiguous Portion of OU2, Iwilei District dated 2/22/05
Imported From:

iHEER System - Documents

Date : Oct 24, 2003
Document No: 174147
Type: Undetermined
Title: Response to HEER's Comments on the Site Assessment and Prioritization Report Dated April 2003
Imported From:

iHEER System - Documents

Date : Jul 15, 2010
Document No: 173692
Type: Monitoring Report
Title: Response to Jun 2, 2010 HDOH Comments on "Evaluation of Interim Remedial Measures Program: SPH Recovery and Monitoring in OU1C and Contiguous OU2 and OU3 Areas", Mar 4, 2010
Imported From:

iHEER System - Documents

Date : Apr 7, 2010
Document No: 173920
Type: Undetermined
Title: Response to letter, dated March 18, 2010, concerning the request by FCH Enterprises, Inc. ("FCH"), to IDPP for reimbursement of incremental costs
Imported From:

iHEER System - Documents

Date : Jun 1, 2001
Document No: 174184
Type: Undetermined
Title: Response to May 10, 2001 Notice of Continued Immediate Oil Spill and Hazardous Substances Response Action, Honolulu Harbor, Iwilei Unit, Hawaii
Imported From:

iHEER System - Documents

Date : Feb 10, 2006
Document No: 173980
Type: Comment Letter
Title: Response to Request for Copies of Correspondence Related to Property Search for the Nestle Property
Imported From:

iHEER System - Documents

Date : May 5, 2004
Document No: 174057
Type: Undetermined
Title: Response to Second Set of HDOH Comments on the April 2003 Site Assessment and Prioritization (SAP) Report
Imported From:

iHEER System - Documents

Date : Sep 30, 2009
Document No: 173844
Type: Comment Letter
Title: Response to your letter dated September 22, 2009
Imported From:

iHEER System - Documents

Date : Oct 22, 2014
Document No: 173682
Type: Comment Letter
Title: Response to: IDPP review, Sep 16, 2014, of the HDOH "Programmatic EHE / EHMP Document, Iwilei District, Honolulu HI, Mar 2013, Version 2.0"
Imported From:

iHEER System - Documents

Date : Mar 30, 2005
Document No: 173963
Type: Comment Letter
Title: Review and comment to "IDP Response to Petroleum Releases on Water" submitted to the DOH on February 11 2005

Imported From:

iHEER System - Documents

Date : Mar 30, 2005
Document No: 173964
Type: Comment Letter
Title: Review and comment to "IDPP Response to Petroleum Releases on Land" submitted to the DOH on February 11 2005

Imported From:

iHEER System - Documents

Date : Sep 22, 2008
Document No: 173809
Type: Comment Letter
Title: Review and Comments on the "Area Contiguous to OUIIC Remedial Design Approach Technical Memorandum", dated August 18,2008 and prepared by Strategic Engineering and Science, Inc.

Imported From:

iHEER System - Documents

Date : Nov 20, 2008
Document No: 173811
Type: Comment Letter
Title: Review and Comments on the "OUIIC and Contiguous Area Long-Term Monitoring Program Approach Technical Memorandum", dated October 3 1,2008 and prepared by Strategic Engineering and Science, Inc.

Imported From:

iHEER System - Documents

Date : Feb 1, 2005
Document No: 173957
Type: Comment Letter
Title: Review and Comments to the Draft Work Plan Evaluation of Petroleum Hydrocarbon Impacts at Lower Sumner Street Honolulu, Oahu, Hawaii

Imported From:

iHEER System - Documents

Date : Feb 14, 2011
Document No: 173770
Type: Comment Letter
Title: Review Comments for "Pacific Commercial Services (PCS) Perimeter Air Monitoring Plan" for "Construction of Pier 29 Container Yard, Honolulu Harbor, Hawaii," Revision 5 dated Feb 2011

Imported From:

iHEER System - Documents

Date : Feb 2, 2005
Document No: 173954
Type: Comment Letter
Title: Review Comments on the SAPR

Imported From:

iHEER System - Documents

Date : Apr 30, 2021
Document No: 179659
Type: Comment Letter
Title: Review of 2020 Annual Report, Version 1,WBS 1.8.3, Dated March 31, 2021

Imported From:

iHEER System - Documents

Date : May 12, 2015
Document No: 173685
Type: Comment Letter
Title: Review of 2014 Annual Report, Version 1.0, WBS 1.8.3, Mar 31, 2015
Imported From:

iHEER System - Documents

Date : Apr 29, 2019
Document No: 173639
Type: Comment Letter
Title: Review of 2018 Annual Report
Imported From:

iHEER System - Documents

Date : Feb 2, 2005
Document No: 173959
Type: Comment Letter
Title: Review of and Comments to the Honolulu Harbor Bulkhead Survey Report, Iwilei District - Honolulu Harbor dated January 2004
Imported From:

iHEER System - Documents

Date : Jul 29, 2008
Document No: 173806
Type: Comment Letter
Title: Review of IDPP Letter dated July 25,2008 pertaining to the "Transect Borings-Drilling and field sampling program for TB-12 and TB-36 at Zippy's
Imported From:

iHEER System - Documents

Date : Oct 2, 2020
Document No: 176805
Type: Comment Letter
Title: Review of IDPP Response to May 1, 2020 HEER Comments on the 2019 Annual Report, Version 1, WBS 1.8.3, Dated August 12,2020.
Imported From:

iHEER System - Documents

Date : Sep 10, 2007
Document No: 173787
Type: Comment Letter
Title: Review of Operable Unit 1C Environmental Hazard Assessment (Appendix A), Honolulu Harbor, Oahu
Imported From:

iHEER System - Documents

Date : Aug 13, 2007
Document No: 173783
Type: Comment Letter
Title: Review of Pier 29 Bulkhead Repair Summary Report Version 1.0, WBS 3.3.2 June 29. 2007
Imported From:

iHEER System - Documents

Date : Nov 5, 2007
Document No: 173792
Type: Comment Letter
Title: Review of Pilot and Aquifer Test Summary Report Version 1 .O, August 15,2007, URS Corporation
Imported From:

iHEER System - Documents

Date : May 4, 2005
Document No: 173968
Type: Comment Letter
Title: Review of Scope of Work (SOW), Fast-Tracked Trench Investigation, Nimitz Highway
Imported From:

iHEER System - Documents

Date : Jun 16, 2005
Document No: 173988
Type: Comment Letter
Title: Review of Site Assessment and Prioritization Report (April 2003) and Future Action Levels for Iwilei District, Honolulu Harbor, Oahu
Imported From:

iHEER System - Documents

Date : May 14, 2008
Document No: 173795
Type: Comment Letter
Title: Review of Technical Memorandum OU1 C and Contiguous OU2 Remedial Design Approach
Imported From:

iHEER System - Documents

Date : Jun 6, 2007
Document No: 173779
Type: Comment Letter
Title: Review of the Draft Response Action Memorandum Version 1.1, May 16, 2007
Imported From:

iHEER System - Documents

Date : Jun 25, 2008
Document No: 173798
Type: Comment Letter
Title: Review of the LNAPL Conceptual Site Model Report
Imported From:

iHEER System - Documents

Date : Jan 14, 2008
Document No: 173793
Type: Comment Letter
Title: Review of the Operable Unit 1B Supplemental Investigation Report (SRI) for Iwilei District Participating Parties, LLC, December 17, 2007
Imported From:

iHEER System - Documents

Date : Dec 13, 2005
Document No: 173977
Type: Comment Letter
Title: Review of the Outline for the Remedial Alternatives Analysis, Operable Unit 1C, Iwilei District Participating Parties
Imported From:

iHEER System - Documents

Date : Jul 17, 2007
Document No: 173784
Type: Comment Letter
Title: Review of the Technical Memorandum Initial Evaluation of Interim Remedial Measures SPH Recovery and

Monitoring in OUI and Contiguous OU2 Areas

Imported From:

iHEER System - Documents

Date : Dec 9, 2004
Document No: 174141
Type: Undetermined
Title: 10/25/04 DPX Recovery System Performance Evaluation
Imported From:

iHEER System - Documents

Date : Feb 1, 2001
Document No: 174459
Type: Undetermined
Title: 2/01/01 Working List BHP Petroleum Americas/Honolulu Harbor Areawide Honolulu Harbor Defense Group Parties
Imported From:

iHEER System - Documents

Date : Feb 29, 2008
Document No: 171342
Type: Undetermined
Title: 2007 Annual Report V1, WBS 1.8.3
Imported From: H:\Media7321

iHEER System - Documents

Date : Feb 27, 2009
Document No: 173876
Type: Monitoring Report
Title: 2008 Interim Institutional Controls Annual Report For Iwilei District Participating Parties, LLC Iwilei, Oahu, Hawaii
Imported From:

iHEER System - Documents

Date : Feb 27, 2009
Document No: 173879
Type: Monitoring Report
Title: 2008 Interim Institutional Controls Annual Report, Version 1 WBS 3.3.5
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173705
Type: Undetermined
Title: 2010 Annual Report
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173704
Type: Undetermined
Title: 2010 Annual Report (Cover)
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173703
Type: Undetermined

Title: 2010 Annual Report, Summary for DDEH Gary Gill
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173702
Type: Undetermined
Title: 2010 Annual Report, Summary for DDEH Gary Gill Cover Sheet
Imported From:

iHEER System - Documents

Date : Apr 9, 2012
Document No: 173726
Type: Undetermined
Title: 2011 Annual Report, Summary for DDEH Gary Gill Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 31, 2014
Document No: 171328
Type: Undetermined
Title: 2013 Annual Report V1, WBS 1.8.3
Imported From: H:\Media109289

iHEER System - Documents

Date : Mar 31, 2015
Document No: 171325
Type: Undetermined
Title: 2014 Annual Report V1, WBS 1.8.3
Imported From: H:\Media113996

iHEER System - Documents

Date : Mar 31, 2016
Document No: 171324
Type: Undetermined
Title: 2015 Annual Report V1, WBS 1.8.3
Imported From: H:\Media118917

iHEER System - Documents

Date : Mar 31, 2017
Document No: 171323
Type: Undetermined
Title: 2016 Annual Report V1, WBS 1.8.3
Imported From: H:\Media125819

iHEER System - Documents

Date : Mar 30, 2018
Document No: 171322
Type: Undetermined
Title: 2017 Annual Report V1, WBS 1.8.3
Imported From: H:\Media131175

iHEER System - Documents

Date : Mar 30, 2019
Document No: 171321
Type: Undetermined

Title: 2018 Annual Report V1, WBS 1.8.3
Imported From: H:\Media137005

iHEER System - Documents

Date : Mar 31, 2020
Document No: 173931
Type: Monitoring Report
Title: 2019 Annual Report
Imported From:

iHEER System - Documents

Date : May 1, 2020
Document No: 174845
Type: Comment Letter
Title: Review of: 2019 Annual Report, Version WBS 1.8.3
Imported From:

iHEER System - Documents

Date : Jun 14, 2007
Document No: 173780
Type: Comment Letter
Title: Review of Draft OU1A Remedial Alternative Analysis, Technical Exchange Meeting Handout (June 6, 2007), Iwilei District, Honolulu Harbor, Oahu
Imported From:

iHEER System - Documents

Date : Jan 24, 2006
Document No: 173979
Type: Comment Letter
Title: Revision to the Technical Scope of Work (SOW)
Imported From:

iHEER System - Documents

Date : Jan 30, 2009
Document No: 173877
Type: Undetermined
Title: RTC OU2 Phase 1 RD Data Collection Report
Imported From:

iHEER System - Documents

Date :
Document No: 171379
Type: Undetermined
Title: Sanborn Maps, Sumner and OR and L
Imported From: H:\Media63557

iHEER System - Documents

Date : Mar 20, 1998
Document No: 173997
Type: Comment Letter
Title: Schedule for Phase I Scope of Work
Imported From:

iHEER System - Documents

Date : Jan 12, 2007
Document No: 174332

Type: Undetermined
Title: Scope of Work 2007 Nimitz Pipeline Investigation Version 1.0 WBS 2.1.6 January 12 2007
Imported From:

iHEER System - Documents

Date : Oct 13, 2005
Document No: 174288
Type: Undetermined
Title: Scope of Work Describing Overall Systematic Management and Cleanup of the Honolulu Harbor Iwilei District
Imported From:

iHEER System - Documents

Date : Oct 13, 2005
Document No: 173975
Type: Comment Letter
Title: Scope of Work describing the overall systematic management and cleanup of the Honolulu Harbor, Iwilei District
Imported From:

iHEER System - Documents

Date : Nov 30, 2000
Document No: 174456
Type: Undetermined
Title: Scope of Work for Phase-I Honolulu Harbor Pier Bulkhead Survey
Imported From:

iHEER System - Documents

Date : Mar 14, 2001
Document No: 174358
Type: Undetermined
Title: Scope of Work Map - Board of Water Supply Nimitz Highway 16 inch Water Main
Imported From:

iHEER System - Documents

Date : Sep 21, 2004
Document No: 174463
Type: Undetermined
Title: Scope of Work Pier 26 Storm Drain (Interim Repair) Honolulu Harbor, Oahu Hawaii
Imported From:

iHEER System - Documents

Date : Feb 27, 2015
Document No: 171326
Type: Undetermined
Title: Section 401 Water Quality Certification Application Honolulu Harbor Pier 23 & 24 Harbor Wall Maintenance
Imported From: H:\Media\113782

iHEER System - Documents

Date : Jun 23, 2013
Document No: 173757
Type: Undetermined
Title: Section 401 Water Quality Certification Application Honolulu Harbor Pier 23 & 24 Harbor Wall Maintenance Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 6, 2015

Document No: 171327
Type: Undetermined
Title: Section 401 Water Quality Certification Application Honolulu Harbor Pier 23 & 24 Harbor Wall Maintenance-Cover Letter
Imported From: H:\Media\113782

iHEER System - Documents

Date : Oct 31, 2021
Document No: 181405
Type: Monitoring Report
Title: Semi-Annual Groundwater Monitoring September 2021 Hilo Bulk Petroleum Storage and Distribution Terminal 666 Kalaniana'ole Avenue Tax Map Key: (3) 2-1-008: Parcel 006 Hilo, Hawaii
Imported From:

iHEER System - Documents

Date : May 17, 2006
Document No: 173986
Type: Comment Letter
Title: Signed Agreement Effective May 11 2006
Imported From:

iHEER System - Documents

Date : Jun 4, 2003
Document No: 171363
Type: Undetermined
Title: Site Assessment & Prioritization (SAP) Report
Imported From: H:\Media\37988

iHEER System - Documents

Date : Apr 10, 2003
Document No: 178437
Type: Undetermined
Title: Site Assessment and Prioritization Report, Iwilei District
Imported From:

iHEER System - Documents

Date : Feb 8, 1996
Document No: 174471
Type: Undetermined
Title: Site Screening Sheet - Honolulu Harbor Area-wide Contamination
Imported From:

iHEER System - Documents

Date : May 27, 2009
Document No: 173828
Type: Comment Letter
Title: Soil Gas Investigation and Grease Trap Activities
Imported From:

iHEER System - Documents

Date : Dec 12, 2008
Document No: 173870
Type: Undetermined
Title: State Contingency Plan Release Notification - Courtesy Nimitz Highway I Pacific Street DOH Incident No. 20081029-0747
Imported From:

iHEER System - Documents

Date : Jun 24, 2010
Document No: 173690
Type: Undetermined
Title: Status of Operable Unit Tasks, Iwilei District Participating Parties LLC
Imported From:

iHEER System - Documents

Date : Mar 15, 2002
Document No: 174172
Type: Undetermined
Title: Submittal of Letter Report, Rapid Assessment of the Iwilei Unit of the Honolulu Harbor Contract DACA45-98-D-0004, Delivery Order 0031
Imported From:

iHEER System - Documents

Date : Apr 3, 2009
Document No: 173924
Type: Undetermined
Title: Summary of 2008 Annual Report, Version 1.0, WBS 1.8.3 dated February 27, 2009
Imported From:

iHEER System - Documents

Date : Mar 1, 2010
Document No: 173906
Type: Undetermined
Title: Summary of 2009 Annual Report, Version 1.0, WBS 1.8.3 dated March 1, 2010
Imported From:

iHEER System - Documents

Date : Apr 12, 2012
Document No: 173727
Type: Undetermined
Title: Summary of 2011 Annual Report, Version 1.0, WBS 1.8.3, Mar 1, 2012
Imported From:

iHEER System - Documents

Date : Jun 21, 2016
Document No: 173771
Type: Undetermined
Title: Summary of 2015 Annual Report, Version 1.0, WBS 1.8.3 dated Mar 31, 2016
Imported From:

iHEER System - Documents

Date : Mar 9, 2005
Document No: 173965
Type: Comment Letter
Title: Summary of March 2 2005 Meeting on Honolulu Harbor Project Activities
Imported From:

iHEER System - Documents

Date : Sep 28, 2007
Document No: 173786
Type: Comment Letter
Title: Summary of status of Site Assessment and Prioritization Report and Environmental Hazard Assessment for Operable Unit 1C, Honolulu Harbor, Oahu
Imported From:

iHEER System - Documents

Date : Aug 31, 2006
Document No: 174290
Type: Undetermined
Title: SUMMARY REPORT HAWAIIAN ELECTRIC COMPANY (HECO) PIPELINE INVESTIGATION Version 1.0 WBS 2.1.4 August 31, 2006
Imported From:

iHEER System - Documents

Date : Nov 30, 2006
Document No: 174297
Type: Undetermined
Title: SUMMARY REPORT PIER 26 STORM DRAIN CONSTRUCTION Version 1.0 WBS 3.3.1 November 30, 2006
Imported From:

iHEER System - Documents

Date : Dec 2, 2005
Document No: 174293
Type: Undetermined
Title: Summary Report Pier 29 Preconstruction Environmental Investigation For Iwilei District Participating
Imported From:

iHEER System - Documents

Date : Aug 22, 2008
Document No: 171339
Type: Undetermined
Title: Summary Report 2007 Nimitz Pipeline Investigations Kukahi St, Floradec, Pacific St-Makai, Pacific St-Mauka, and Alakawa St Excavations V1 WBS 2.1.5
Imported From: H:\Media8026

iHEER System - Documents

Date : Aug 22, 2008
Document No: 171340
Type: Undetermined
Title: Summary Report 2007 Nimitz Pipeline Investigations Kukahi St, Floradec, Pacific St-Makai, Pacific St-Mauka, and Alakawa St Excavations V1 WBS 2.1.5-Cover Letter
Imported From: H:\Media8026

iHEER System - Documents

Date : May 31, 2019
Document No: 171855
Type: Environmental Hazard Management Plan
Title: BWS Iwilei District Environmental Hazard Management Plan and Health and Safety Plan for Emergency Water Main Repair
Imported From:

iHEER System - Documents

Date : May 31, 2019
Document No: 171854
Type: Environmental Hazard Management Plan
Title: BWS Iwilei District Environmental Hazard Management Plan and Health and Safety Plan for Emergency Water Main Repair _submittal
Imported From:

iHEER System - Documents

Date : Dec 4, 2001

Document No: 174169
Type: Undetermined
Title: Calscience Work Order No. 01-11-1568, Client Reference HHP-Pier 26
Imported From:

iHEER System - Documents

Date : Jan 7, 2004
Document No: 174345
Type: Undetermined
Title: Chapter 6E-42 Historic Preservation Review - Verizon Ductline Easements within State Highways Right-of-Way Iwilei Section FAUP No FU--44(3)
Imported From:

iHEER System - Documents

Date : Nov 18, 2004
Document No: 174424
Type: Undetermined
Title: Characterization of Soil, Groundwater, and SPH Contamination in the Pier 24-29 Area
Imported From:

iHEER System - Documents

Date : Apr 6, 2006
Document No: 174429
Type: Undetermined
Title: Chromatogram Plot
Imported From:

iHEER System - Documents

Date : Sep 26, 2007
Document No: 173788
Type: Comment Letter
Title: Clarification of the Management of Cleanup for the Properties in the Iwilei District with Reference to Operable Unit Assignment
Imported From:

iHEER System - Documents

Date : Aug 14, 2009
Document No: 173891
Type: Undetermined
Title: Clarification request for Zippy' s restaurant property on Nimitz Highway
Imported From:

iHEER System - Documents

Date : Jun 2, 2010
Document No: 173643
Type: Comment Letter
Title: Clarification to HDOH comments re: IC Plan Draft
Imported From:

iHEER System - Documents

Date : Aug 24, 1990
Document No: 174425
Type: Undetermined
Title: Coast Guard Interest in Piers 26 and 27 Seepage
Imported From:

iHEER System - Documents

Date : Nov 18, 2004
Document No: 173953
Type: Comment Letter
Title: Comment of the Tidal Study Data Report dated August 9 2004
Imported From:

iHEER System - Documents

Date : May 11, 2007
Document No: 174340
Type: Undetermined
Title: Summary Report Features Evaluation Version 1.0 WBS 2.1.4 May 11 2007
Imported From:

iHEER System - Documents

Date : Feb 16, 2005
Document No: 174277
Type: Undetermined
Title: Summary Report Pier 32 Pilot Recovery Test Trench for IDPP February 16 2005
Imported From:

iHEER System - Documents

Date : Jan 30, 2004
Document No: 174455
Type: Undetermined
Title: Sumner Street Pipeline Investigation Scope of Work, Pipeline Investigation Activities
Imported From:

iHEER System - Documents

Date : Aug 1, 2004
Document No: 171377
Type: Undetermined
Title: Sumner-Photos
Imported From: H:\Media63559

iHEER System - Documents

Date :
Document No: 171387
Type: Undetermined
Title: Sumner-Photos (Old)
Imported From: H:\Media63558

iHEER System - Documents

Date : Aug 27, 2003
Document No: 174143
Type: Undetermined
Title: Supplemental Environmental Assessment of Pier 35 Honolulu Harbor dated October 21, 2002
Imported From:

iHEER System - Documents

Date : Apr 20, 2012
Document No: 173728
Type: Remedial Investigation Work Plan
Title: Supplemental Work Plans: Nimitz Highway Lowe's Drainage Culvert Clearing, February 2012 Nimitz Storm Drain Interim Repair, Cleaning, and Inspection, April 2012 Cover Letter
Imported From:

iHEER System - Documents

Date : Jul 19, 1995
Document No: 174003
Type: Comment Letter
Title: Task Force Meeting July 19 1995
Imported From:

iHEER System - Documents

Date : Aug 31, 1995
Document No: 174004
Type: Comment Letter
Title: Task Force Meetings, Month of September (1995)
Imported From:

iHEER System - Documents

Date : Jul 7, 2006
Document No: 174292
Type: Undetermined
Title: Technical Memo - Follow-up to the June 30, 2006 IDPP Response to EPA Comments
Imported From:

iHEER System - Documents

Date : Sep 17, 2007
Document No: 173790
Type: Comment Letter
Title: Technical Support Assistance from Herb Levine For Honolulu Harbor and targeted assistance for other DOD petroleum sites
Imported From:

iHEER System - Documents

Date :
Document No: 174468
Type: Undetermined
Title: Telephone Decision Log
Imported From:

iHEER System - Documents

Date : Feb 26, 2009
Document No: 173817
Type: Comment Letter
Title: Tentative FCH Schedule for IDPP activities
Imported From:

iHEER System - Documents

Date : Dec 3, 2001
Document No: 174465
Type: Undetermined
Title: The Harry and Jeanette Weinberg Foundation Incorporated - EPA Iwilei
Imported From:

iHEER System - Documents

Date : Aug 9, 2004
Document No: 174273
Type: Undetermined
Title: Tidal Study Data Report Iwilei Unit August 9 2004
Imported From:

iHEER System - Documents

Date : Mar 10, 2010
Document No: 173914
Type: Undetermined
Title: Timeline of Castle & Cooke's Involvement in the Iwilei District
Imported From:

iHEER System - Documents

Date : Mar 31, 2020
Document No: 173930
Type: Monitoring Report
Title: 2019 Annual Report_submittal
Imported From:

iHEER System - Documents

Date : Mar 31, 2021
Document No: 179423
Type: Monitoring Report
Title: 2020 ANNUAL REPORT Version 1 WBS 1.8.3
Imported From:

iHEER System - Documents

Date : Mar 31, 2021
Document No: 179422
Type: Monitoring Report
Title: 2020 ANNUAL REPORT Version 1 WBS 1.8.3_submittal
Imported From:

iHEER System - Documents

Date : Mar 31, 2022
Document No: 184080
Type: Undetermined
Title: 2021 ANNUAL REPORT Version 1 WBS 1.8.3 March 31, 2022
Imported From:

iHEER System - Documents

Date : Mar 31, 2022
Document No: 184079
Type: Undetermined
Title: 2021 ANNUAL REPORT Version 1 WBS 1.8.3 March 31, 2022_submittal
Imported From:

iHEER System - Documents

Date : Mar 31, 2023
Document No: 203086
Type: Undetermined
Title: 2022 ANNUAL REPORT, Version 1
Imported From:

iHEER System - Documents

Date : Dec 5, 2002
Document No: 174159
Type: Undetermined
Title: 215 N. King Street Property, Honolulu, HI
Imported From:

iHEER System - Documents

Date : Feb 1, 2019
Document No: 173776
Type: Monitoring Report
Title: 4th Quarter Summary 2018 (Oct- Dec)
Imported From:

iHEER System - Documents

Date : Aug 18, 2009
Document No: 173890
Type: Undetermined
Title: 755 & 775 North Nimitz Highway Soil Gas Investigation
Imported From:

iHEER System - Documents

Date : Apr 28, 2020
Document No: 174749
Type: Undetermined
Title: Agenda 2020 Annual Meeting 4-29-2020
Imported From:

iHEER System - Documents

Date : Mar 31, 2021
Document No: 171384
Type: Undetermined
Title: Ala Kawa St Lift, Canal Discoloration and Storm Drain-Photos
Imported From: H:\Media63563

iHEER System - Documents

Date : Jul 22, 1997
Document No: 174000
Type: Comment Letter
Title: Albers Pacific Northwest Milling company, 703 North Nimitz Highway, Honolulu, Hawaii - Fred L Waldron Feed Mill, 701 North Nimitz Highway, Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Aug 10, 2001
Document No: 174462
Type: Undetermined
Title: Analytical Results, Well Monitoring Data 2001
Imported From:

iHEER System - Documents

Date : May 30, 2013
Document No: 173739
Type: Undetermined
Title: Annex A, K, & L Project Management Plan, Iwilei District, Honolulu HI-Incident Action Plan
Imported From:

iHEER System - Documents

Date : Sep 30, 2006
Document No: 174420
Type: Undetermined
Title: Annex J, Project Management Plan Version 2.0 dated July 10 2006
Imported From:

iHEER System - Documents

Date : Mar 4, 2009
Document No: 173818
Type: Comment Letter
Title: Annual Report 2008 for the Honolulu Harbor/Iwilei District Project
Imported From:

iHEER System - Documents

Date : Dec 30, 1944
Document No: 174195
Type: Undetermined
Title: Appendix 26
Imported From:

iHEER System - Documents

Date : Nov 25, 2008
Document No: 173864
Type: Undetermined
Title: Appendix C - Work Plan Addendum: Sub-Slab, Indoor Air, and Outdoor Air Sampling Methodology dated 11//25/08
Imported From:

iHEER System - Documents

Date : Mar 1, 1992
Document No: 174257
Type: Undetermined
Title: Appendix C HISTORICAL LITERATURE AND DOCUMENTS SEARCH
Imported From:

iHEER System - Documents

Date : Nov 1, 2001
Document No: 174274
Type: Undetermined
Title: Archaeological Inventory Survey for the Proposed Nimitz Highway Water System Improvements, Part I, Downtown Honolulu, Nu'uany Ahupua'a, District of Kona, Island of O'ahu
Imported From:

iHEER System - Documents

Date : Feb 1, 2001
Document No: 174258
Type: Undetermined
Title: ARCHAEOLOGICAL REPORT FOR THE OAHU COMMERCIAL HARBORS 2020 MASTER PLAN - IMMEDIATE PHASE ENVIRONMENTAL IMPACT STATEMENT
Imported From:

iHEER System - Documents

Date : Nov 10, 2008
Document No: 173867
Type: Undetermined
Title: Area Contiguous to OUI C Remedial Design Approach Technical Memo, Version 1.1
Imported From:

iHEER System - Documents

Date : Aug 16, 2010
Document No: 171332
Type: Undetermined

Title: August 16, 2010 HDOH Letter of Interest and Recommendations for Action-IDPP
Imported From: H:\Media\93263

iHEER System - Documents

Date : Aug 31, 2005
Document No: 174123
Type: Undetermined
Title: Bulkhead Repairs at Pier 29, Honolulu Harbor Job HC 10160
Imported From:

iHEER System - Documents

Date : Aug 27, 2003
Document No: 174144
Type: Undetermined
Title: Bulkhead Repairs at Piers 25-28, honolulu Harbor Oahu, Hawaii Job H.C. 10105, Contract No. 49398
Imported From:

iHEER System - Documents

Date : Aug 6, 2012
Document No: 173733
Type: Undetermined
Title: BWS Invoices
Imported From:

iHEER System - Documents

Date : May 31, 2019
Document No: 171712
Type: Environmental Hazard Management Plan
Title: BWS Iwilei District Environmental Hazard Management Plan and Health and Safety Plan for Emergency Water Main Repair (unredacted)
Imported From:

iHEER System - Documents

Date : Jul 12, 2012
Document No: 173731
Type: Undetermined
Title: TPH in Petroleum Vapors Cover Sheet
Imported From:

iHEER System - Documents

Date : Jul 31, 2001
Document No: 174433
Type: Undetermined
Title: Transmittal of Draft Gis and Database
Imported From:

iHEER System - Documents

Date : Mar 28, 2002
Document No: 174068
Type: Undetermined
Title: Transmittal of Methane Monitoring Report
Imported From:

iHEER System - Documents

Date : Sep 27, 2001
Document No: 174168

Type: Undetermined
Title: Transmittal of Revised GIS and Database
Imported From:

iHEER System - Documents

Date : Apr 14, 2003
Document No: 174146
Type: Undetermined
Title: Transmittal of the IDPP Petroleum Discharge Response Procedures for Iwilei Unit (HHWG), dated December 13, 2000
Imported From:

iHEER System - Documents

Date : Apr 14, 2003
Document No: 174060
Type: Undetermined
Title: Transmittal of the IDPP Site Assessment and Prioritization Report, Iwilei District, Honolulu Harbor, Honolulu Hawaii
Imported From:

iHEER System - Documents

Date : Jun 27, 2003
Document No: 174058
Type: Undetermined
Title: Transmittal Sheet - 27 May 2003 GIS update from TRC
Imported From:

iHEER System - Documents

Date : Jul 3, 2002
Document No: 174158
Type: Undetermined
Title: Transmittal Sheet - Hard Copies of Hilo Hattie documents
Imported From:

iHEER System - Documents

Date : Feb 11, 2005
Document No: 174069
Type: Undetermined
Title: Transmittal Sheet - IDPP Response to Petroleum Releases on Land, dated 2-9-05 and IDPP Response to Petroleum Releases on Water, dated 2-9-05
Imported From:

iHEER System - Documents

Date : Jan 13, 2004
Document No: 174054
Type: Undetermined
Title: Transmittal Sheet - Pauley Petroleum Scope of Work Part 2: Interim Remedial Action: Installation of Recovery Test Trench and Harbor Survey Report
Imported From:

iHEER System - Documents

Date : Oct 19, 2004
Document No: 174051
Type: Undetermined
Title: Transmittal Sheet - Pier 18 Report
Imported From:

iHEER System - Documents

Date : Feb 11, 2005
Document No: 174070
Type: Undetermined
Title: Transmittal Sheet - Pipeline Investigations, Sunmer Street, Kukahi Street, Weinberg Property, and 900 North Nimitz Highway, Iwilei District, Oahu, Hawaii, prepared by CH2M Hill, dated February 11 2005
Imported From:

iHEER System - Documents

Date : Feb 23, 2005
Document No: 174115
Type: Undetermined
Title: Transmittal Sheet - Proposed SPH Interim Remedial Measures (IRM) for Operable Unit OU1C and Contiguous Portion of OU2, Iwilei District, prepared by TRC, dated February 22, 2005
Imported From:

iHEER System - Documents

Date : Oct 19, 2004
Document No: 174050
Type: Undetermined
Title: Transmittal Sheet - Tidal Study Report
Imported From:

iHEER System - Documents

Date : Dec 5, 2006
Document No: 174428
Type: Undetermined
Title: Transmittal Sheet - WBS 1.4.1 DIPP Master Schedule Version 1.2, Master Schedule Version 1.2 Level 3, Master Schedule Version 1.2 Level 6
Imported From:

iHEER System - Documents

Date : Jan 15, 2004
Document No: 174053
Type: Undetermined
Title: Transmittal Sheet - Work plan for Pipeline Investigation January 14 2004
Imported From:

iHEER System - Documents

Date : Feb 16, 2005
Document No: 174072
Type: Undetermined
Title: Transmittal Sheet- Summary Report, Pier 32 Pilot Recovery Test Trench, prepared by URS Corporation, dated February 16 2005
Imported From:

iHEER System - Documents

Date : Jul 30, 2002
Document No: 171381
Type: Undetermined
Title: Two-Party Valve Pit, Site and Site Plan
Imported From: H:\Media\63568

iHEER System - Documents

Date : Aug 1, 2002
Document No: 174187
Type: Undetermined
Title: United Sates Activities in the Iwilei Unit of Honolulu Harbor - August 1, 2002

Imported From:

iHEER System - Documents

Date : Jan 24, 2001
Document No: 174186
Type: Undetermined
Title: United States Activities in the Iwilei Unit of Honolulu Harbor, January 24, 2001
Imported From:

iHEER System - Documents

Date : May 25, 2005
Document No: 174422
Type: Undetermined
Title: United States Environmental Protection Agency letter
Imported From:

iHEER System - Documents

Date : Dec 7, 2009
Document No: 173841
Type: Comment Letter
Title: Comments on " Construction Management Plan" for OUIC Part 1A- Pier 24 Stonn Drain Remedial Design, dated November 16,2009 and prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Jul 16, 2008
Document No: 173802
Type: Comment Letter
Title: Comments on "2007 Interim Institutional Controls Annual Report" dated June 27,2008 and prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Mar 24, 2009
Document No: 173825
Type: Comment Letter
Title: Comments on "2008 Interim Institutional Controls Annual Report" dated February 27, 209 and prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Mar 12, 2009
Document No: 173819
Type: Comment Letter
Title: Comments on "666 North Nimitz Highway 60 Percent Remedial Design Report", W.B.S. 3.6.6, dated February 20,2009 and prepared by SES
Imported From:

iHEER System - Documents

Date : Mar 12, 2009
Document No: 173821
Type: Comment Letter
Title: Comments on "700 North Nimitz Highway 60 Percent Remedial Design Report", W.B.S. 3.6.6, dated February 20,2009 and prepared by SES
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173653
Type: Comment Letter
Title: Comments on "Draft Iwilei District 666 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6", Nov 30, 2010
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173651
Type: Comment Letter
Title: Comments on "Draft Iwilei District 700 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6", Nov 30, 2010
Imported From:

iHEER System - Documents

Date : Mar 1, 2011
Document No: 173652
Type: Comment Letter
Title: Comments on "Draft Iwilei District 775 N Nimitz Hwy Institutional Controls Plan, Version 1.0, WBS 3.10.6", Nov 30, 2010
Imported From:

iHEER System - Documents

Date : Jan 6, 2010
Document No: 173848
Type: Comment Letter
Title: Comments on "Final Iwilei District 666 North Nimitz Highway 100 Percent Remedial Design Report" dated December 4,2009 and prepared by Strategic Engineering and Science, Inc.
Imported From:

iHEER System - Documents

Date : Sep 9, 2008
Document No: 173810
Type: Comment Letter
Title: Comments on "IDPP Response to Comments for HDOH Comments on IDPP Draft LCSM June 30,2008" prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Sep 28, 2009
Document No: 173815
Type: Comment Letter
Title: Comments on "IDPP Response to December 22,2008 HDOH Comments" prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Jan 28, 2009
Document No: 173816
Type: Comment Letter
Title: Comments on "IDPP Response to November 20,2008 HDOH Comments" prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Nov 12, 2009
Document No: 173843
Type: Comment Letter
Title: Comments on "IDPP Responses to September 8,2009 HDOH Comments with FCH Comments Attached"

regarding the Draft Iwilei District, 666 N. Nimitz Highway, 100 Percent Remedial Design Report, dated October 13,2009 and prepared by Strategic Engineering Science

Imported From:

iHEER System - Documents

Date : Aug 18, 2009
Document No: 173831
Type: Comment Letter
Title: Comments on "Nimitz Highway and 700 North Nimitz Highway 100 Percent Remedial Design Report" dated May 18,2009 and prepared by Strategic Engineering and Science, Inc.

Imported From:

iHEER System - Documents

Date : Feb 8, 2011
Document No: 173764
Type: Comment Letter
Title: Comments on "Pacific Commercial Services (PCS) Air Monitoring Plan, Construction of Pier 29 Container Yard, Honolulu Harbor Hawaii, Revision 4", dated Jan, 2010 (sic)

Imported From:

iHEER System - Documents

Date : Jan 6, 2010
Document No: 173849
Type: Comment Letter
Title: Comments on "Phase 2 Soil Gas Investigation Report 755 and 775 North Nimitz Highway" dated November 5,2009 and prepared by URS Corporation

Imported From:

iHEER System - Documents

Date : Sep 8, 2009
Document No: 173839
Type: Comment Letter
Title: Comments on "Phase 2 Soil Gas Investigation Report" dated July 9,2009 and prepared. by URS Corporation

Imported From:

iHEER System - Documents

Date : Feb 14, 2011
Document No: 173654
Type: Comment Letter
Title: Comments on "Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 2, WBS 3.1.5, " prepared by URS Corporation, Jan 12, 2011

Imported From:

iHEER System - Documents

Date : Nov 17, 2009
Document No: 173842
Type: Comment Letter
Title: Comments on "Response to Comments on Phase 2 Soil Gas Investigation Report, Zippy's Restaurant and Paradise Cruise, Ltd., 666 and 634 North Nimitz Highway, Version 1, WBS 3.1.5 dated July 9,2009," dated October 14, 2009 and prepared by URS Corporation.

Imported From:

iHEER System - Documents

Date : Aug 18, 2009
Document No: 173830
Type: Comment Letter
Title: Comments on "Soil Gas Sampling Phase 2 Scope of Work, Hilo Hattie, 700 North Nimitz Hwy." dated May 12,2009 and prepared by URS Corp

Imported From:

iHEER System - Documents

Date : Dec 13, 2010
Document No: 173649
Type: Comment Letter
Title: Comments on 2nd Response to Comments, Nov 16, 2010 on Phase 2 Soil Gas Investigation Report, 700 N Nimitz Hwy, Version 1, WBS 3.1.5, Jul 14, 2010

Imported From:

iHEER System - Documents

Date : Dec 19, 2008
Document No: 173871
Type: Undetermined
Title: Comments on Documents Provided by IDPP

Imported From:

iHEER System - Documents

Date : Mar 10, 2009
Document No: 173883
Type: Undetermined
Title: Comments on IDPP February 20, 2009 60% Remedial Design Report

Imported From:

iHEER System - Documents

Date : Dec 18, 2008
Document No: 173874
Type: Undetermined
Title: Comments on IDPP November 10, 2008 Technical Memo

Imported From:

iHEER System - Documents

Date : Aug 24, 2009
Document No: 173833
Type: Comment Letter
Title: Comments on IDPP Responses to DOHys June 18,2009 "Comments on Iwilei District Soil Gas Sampling Technical Memorandum. dated May 28,2009 and prepared by URS Corporation," dated July 29,2009.

Imported From:

iHEER System - Documents

Date : Dec 22, 2010
Document No: 173650
Type: Comment Letter
Title: Comments on Methane Investigation Work Plan-1130 N Nimitz Hwy, Version 1, Nov 22, 2010

Imported From:

iHEER System - Documents

Date : Jun 27, 2008
Document No: 173799
Type: Comment Letter
Title: Comments on the "Draft Iwilei District OUI and OU3 LNAPL and Soil Gas Characterization Supplemental Remedial Investigation", Version 1 .O, (W.B.S. 3.1.5), prepared by URS Corporation and dated 06/04/08

Imported From:

iHEER System - Documents

Date : Mar 25, 2005

Document No: 173962
Type: Comment Letter
Title: Comments on the "Summary Report Pier 32 Pilot Recovery Test Trench"
Imported From:

iHEER System - Documents

Date : Jul 29, 2009
Document No: 173807
Type: Comment Letter
Title: Comments on the Draft for Regulatory Review of the "LNAPL Conceptual Site Model Report, Operable Unit 1C & Contiguous Portions of Operable Units 2 & 3" dated June 30,2008 and prepared by AQUI-Ver, Inc.
Imported From:

iHEER System - Documents

Date : Apr 1, 2005
Document No: 174423
Type: Undetermined
Title: United States Environmental Protection Agency letter - follow up regarding oil releases at Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Feb 2, 2001
Document No: 174432
Type: Undetermined
Title: Update of Immediate Response Activities within Honolulu Harbor, Iwelei Unit, Honolulu Hawaii
Imported From:

iHEER System - Documents

Date : Jul 14, 1998
Document No: 174011
Type: Comment Letter
Title: Update on Honolulu Harbor Petroleum Seepage Issue
Imported From:

iHEER System - Documents

Date : May 30, 2013
Document No: 173738
Type: Undetermined
Title: Updated Schedule for OU1C Harbor Wall Maintenance Program
Imported From:

iHEER System - Documents

Date : Jan 30, 1998
Document No: 174472
Type: Agreement
Title: Voluntary Agreement - BH Copanies, Chevrib USA, Hawaiian Electric Company, Shell Oil Company, State of Hawaii DOT Harbors Division, Union Oil Company of California, and HDOH
Imported From:

iHEER System - Documents

Date : Dec 19, 2001
Document No: 174375
Type: Undetermined
Title: Weekly Report 12/10-14
Imported From:

iHEER System - Documents

Date : Jan 14, 2004
Document No: 174259
Type: Undetermined
Title: Work Plan for Pipeline Investigation at Sumner Street and the Alley Way adjacent to 900 North Nimitz Highway, Iwilei District, Oahu, Hawaii January 14 2004
Imported From:

iHEER System - Documents

Date : Oct 10, 2001
Document No: 174260
Type: Undetermined
Title: WORK PLAN FOR ASSESSMENT ACTIVITIES AT PIERS 18 TO 23 AND PIERS 32 TO 35 October 10, 2001 Honolulu Harbor, Iwilei Area Honolulu, Hawaii
Imported From:

iHEER System - Documents

Date : Jul 2, 2001
Document No: 174181
Type: Undetermined
Title: Work Plan for Assessment Activities
Imported From:

iHEER System - Documents

Date : Apr 1, 2002
Document No: 174191
Type: Undetermined
Title: Work Plan for Iwilei Unit Assessment Activities - April 1, 2002
Imported From:

iHEER System - Documents

Date : Jul 26, 2002
Document No: 174248
Type: Undetermined
Title: Work Plan for Phase II Pipeline Investigation at 775 North Nimitz Highway and Pier 24, Iwilei District Oahu
Imported From:

iHEER System - Documents

Date : Oct 31, 2001
Document No: 174282
Type: Undetermined
Title: Work Plan for Pipeline Investigation at Piers 24 through 29 October 31 2001
Imported From:

iHEER System - Documents

Date : Aug 17, 2001
Document No: 174254
Type: Undetermined
Title: Work Plan for Rapid Assessment Activities August 17 2001
Imported From:

iHEER System - Documents

Date : May 20, 2002
Document No: 174192
Type: Undetermined
Title: Work Plan for Remediation System Installation and Operation and Maintenance Pier 26, Iwilei District
Imported From:

iHEER System - Documents

Date : Mar 16, 2007
Document No: 174333
Type: Undetermined
Title: Work Plan Iwilei District OU1C and OU2 Light Non-Aqueous Phase Liquid and Soil Gas Characterization Supplemental Remedial Investigation
Imported From:

iHEER System - Documents

Date : Apr 20, 2020
Document No: 173729
Type: Remedial Investigation Work Plan
Title: Work Plan Nimitz Storm Drain Interim Repair, Cleaning, and Inspection Honolulu Harbor, Iwilei District, Honolulu HI
Imported From:

iHEER System - Documents

Date : Feb 4, 2020
Document No: 173077
Type: Undetermined
Title: Your December 13, 2019 Letter Comments Concerning the Iwilei District Environmental Hazard Management Plan (EHMP) and Health and Safety Plan for Emergency Water Main Repair, Iwilei District, Honolulu, Oahu, Hawaii, Dated May 2019.
Imported From:

iHEER System - Documents

Date : Feb 25, 2010
Document No: 173905
Type: Undetermined
Title: Zippy's Nimitz Change Order
Imported From:

iHEER System - Documents

Date : Mar 1, 2005
Document No: 173955
Type: Comment Letter
Title: Comments to the DPX Recovery System Performance Evaluation
Imported From:

iHEER System - Documents

Date : Aug 3, 2003
Document No: 174045
Type: Comment Letter
Title: Comments to the Final Draft Project Management Plans
Imported From:

iHEER System - Documents

Date : Feb 25, 2005
Document No: 173958
Type: Comment Letter
Title: Comments to the Pier 18 Pipeline Investigation, Iwilei District, Oahu, Hawaii dated September 30 2004
Imported From:

iHEER System - Documents

Date : Apr 4, 2005
Document No: 173969
Type: Comment Letter

Title: Comments to the Pipeline Investigation, Sumner Street, Kukahi Street, Weinberg Property, and 900 North Nimitz Highway, Iwilei District, Oahu, Hawaii dated February 11 2005

Imported From:

iHEER System - Documents

Date : Mar 23, 2005
Document No: 173961
Type: Comment Letter
Title: Comments to the Proposed SPH Interim Remedial Measures (IRM) for Operable Unit OU1C and Contiguous Portion of OU2, Iwilei District dated 2/22/05

Imported From:

iHEER System - Documents

Date : Oct 27, 2004
Document No: 173951
Type: Comment Letter
Title: Comments to the Scoping Plan for Completing a Remedial Alternatives Alternatives Analysis for Operable Unit 1C, Piers 24-29, Iwilei District, Honolulu Harbor

Imported From:

iHEER System - Documents

Date : Aug 14, 2003
Document No: 174041
Type: Comment Letter
Title: Comments to the Site Assessment and Prioritization Report

Imported From:

iHEER System - Documents

Date : May 8, 2006
Document No: 173983
Type: Comment Letter
Title: Completed Enforceable Agreement with Scope of Work Honolulu Harbor, Iwilei District Project

Imported From:

iHEER System - Documents

Date : Dec 1, 2009
Document No: 173903
Type: Undetermined
Title: CONSTRUCTION OF PIER 29 CONTAINER YARD, HONOLULU HARBOR

Imported From:

iHEER System - Documents

Date : Dec 8, 2009
Document No: 173904
Type: Undetermined
Title: Cover Letter Final 666 North Nimitz Highway, 100% Remedial Design Report, December 4, 2009 prepared by SES Inc.

Imported From:

iHEER System - Documents

Date : Feb 27, 2009
Document No: 173878
Type: Undetermined
Title: Cover Letter for 2008 Annual Report, Version 1.0, WBS 1.8.3 For Iwilei District Participating Parties, LLC Iwilei, Oahu, Hawaii

Imported From:

iHEER System - Documents

Date : Apr 28, 2010
Document No: 173923
Type: Undetermined
Title: Cover Letter for April 28, 2010 letter from IDPP
Imported From:

iHEER System - Documents

Date : Sep 30, 2009
Document No: 173925
Type: Undetermined
Title: Cover letter for Iwilei District Participating Parties Check
Imported From:

iHEER System - Documents

Date : Aug 26, 2004
Document No: 173950
Type: Comment Letter
Title: Cover Letter for Materials Submitted sent to US Coast Guard
Imported From:

iHEER System - Documents

Date : May 13, 2009
Document No: 173884
Type: Undetermined
Title: Cover Letter for OU3 Phase 2 Scope of Work
Imported From:

iHEER System - Documents

Date : Aug 21, 2009
Document No: 173894
Type: Undetermined
Title: Cover Letter for OUIC LNAPL Conceptual Site Model Report
Imported From:

iHEER System - Documents

Date : Feb 19, 2003
Document No: 174067
Type: Undetermined
Title: Cover Letter for Phase 2 Pipeline Investigation, including Pacific Street (CH2M-Hill); Methane Investigation, Pier 32 and Hilo Hattie ; and Indoor Air Quality Report, Pier 24 (Clayton Group)
Imported From:

iHEER System - Documents

Date : Mar 27, 2009
Document No: 173881
Type: Undetermined
Title: Cover Letter for RTC on 60 Percent Remedial Design Reports
Imported From:

iHEER System - Documents

Date : Feb 26, 2010
Document No: 173900
Type: Undetermined
Title: Cover Letter IDPP Monthly Updates -April through December 2009
Imported From:

iHEER System - Documents

Date : Mar 1, 2010
Document No: 173901
Type: Undetermined
Title: Cover letter IDPP Reports
Imported From:

iHEER System - Documents

Date : Nov 5, 2009
Document No: 173899
Type: Undetermined
Title: Cover Letter Phase 2 Soil Gas Investigation Report, 755 and 775 North Nimitz Highway, Version 1, WBS 3.1.5 dated November 5, 2009, prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Mar 1, 2010
Document No: 173902
Type: Undetermined
Title: Cover Letter Summary of 2009 Annual Report dated March 1, 2010, and prepared by URS Corporation
Imported From:

iHEER System - Documents

Date : Dec 10, 2003
Document No: 173942
Type: Comment Letter
Title: December 4, 2003 Monthly DOH/IDPP Meeting Summary
Imported From:

iHEER System - Documents

Date : Apr 30, 2002
Document No: 174163
Type: Undetermined
Title: Declined Permission to Access Hilo Hattie Property at 700 Nimitz Highway
Imported From:

iHEER System - Documents

Date : Mar 21, 1990
Document No: 174470
Type: Undetermined
Title: Del Monte Worldwide Change of Agent for Service of Process of Foreign Corporation
Imported From:

iHEER System - Documents

Date : May 4, 2005
Document No: 173967
Type: Comment Letter
Title: Department of Health Concurrence for the Next Action in OU1-C and OU-2
Imported From:

iHEER System - Documents

Date : May 6, 1998
Document No: 174013
Type: Comment Letter
Title: Department of Health meeting with the U.S. Coast Guard on March 5 1998
Imported From:

iHEER System - Documents

Date : Aug 22, 2002
Document No: 174337
Type: Undetermined
Title: Design and Installation of Remediation System at Pier 26, Honolulu Hawaii for Iwilei District Participating Parties Schedule of Drawings
Imported From:

iHEER System - Documents

Date : Mar 20, 1996
Document No: 174012
Type: Comment Letter
Title: Determination to Use Hrs 103D-303 Competitive Sealed Proposals
Imported From:

iHEER System - Documents

Date : Aug 18, 2014
Document No: 173759
Type: Undetermined
Title: Document of Agreements from the Jun 2014 Technical Meeting
Imported From:

iHEER System - Documents

Date : Feb 11, 2002
Document No: 174165
Type: Undetermined
Title: Document Transmittal - Iwilei Unit Site Plan with Facility Identification, Draft access agreement for soil coring installation, Proposed Soil Boring Locations
Imported From:

iHEER System - Documents

Date : Oct 27, 2022
Document No: 203013
Type: Undetermined
Title: Documentation of 3rd Soil Stockpile Sampling Event at the Amazon.com Services LLC (Amazon) Distribution Center
Imported From:

iHEER System - Documents

Date : Oct 27, 2011
Document No: 173717
Type: Undetermined
Title: Documentation of Agreements on IDPP Reports Cover Sheet
Imported From:

iHEER System - Documents

Date : Nov 4, 2011
Document No: 173718
Type: Undetermined
Title: Documentation of Agreements on OU1C/OU3 SPH Rebound Cover Sheet
Imported From:

iHEER System - Documents

Date : Oct 31, 2011
Document No: 173719
Type: Undetermined

Title: Documentation of Agreements on OU1C/OU3 SPH Rebound, Oct 31, 2011
Imported From:

iHEER System - Documents

Date : Feb 23, 2005
Document No: 174117
Type: Undetermined
Title: Documents for ConocoPhillips Iwilei properties
Imported From:

iHEER System - Documents

Date : Nov 10, 2008
Document No: 173859
Type: Undetermined
Title: Documents for Zippy's Meeting
Imported From:

iHEER System - Documents

Date : Apr 15, 2004
Document No: 173946
Type: Comment Letter
Title: DOH letter requesting milestone schedule for IDPP project activities
Imported From:

iHEER System - Documents

Date : Jul 31, 2019
Document No: 174942
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2019 April through June 30, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 July 31, 2019
Imported From:

iHEER System - Documents

Date : Jul 31, 2019
Document No: 174941
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2019 April through June 30, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 July 31, 2019_submittal
Imported From:

iHEER System - Documents

Date : Apr 29, 2020
Document No: 174944
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2019 January through March 31, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 April 29, 2019
Imported From:

iHEER System - Documents

Date : Apr 29, 2020
Document No: 174943
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2019 January through March 31, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 April 29, 2019_submittal
Imported From:

iHEER System - Documents

Date : Apr 24, 2020
Document No: 174665
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2020 January through March 31, 2020 Iwilei District Participating Parties
Imported From:

iHEER System - Documents

Date : Apr 24, 2020
Document No: 174664
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2020 January through March 31, 2020 Iwilei District Participating Parties_submittal
Imported From:

iHEER System - Documents

Date : Apr 30, 2021
Document No: 179667
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2021 January through March 31, 2021 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 April 30, 2021
Imported From:

iHEER System - Documents

Date : Apr 30, 2021
Document No: 179666
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2021 January through March 31, 2021 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 April 30, 2021 _submittal
Imported From:

iHEER System - Documents

Date : May 3, 2021
Document No: 179668
Type: Monitoring Report
Title: DOH Quarterly Project Update 1st Quarter 2021 January through March 31, 2021 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 April 30, 2021 _submittal
Imported From:

iHEER System - Documents

Date : Apr 29, 2022
Document No: 184290
Type: Undetermined
Title: DOH Quarterly Project Update 1st Quarter 2022, January to March 30, 2022
Imported From:

iHEER System - Documents

Date : Apr 30, 2022
Document No: 184289
Type: Undetermined
Title: DOH Quarterly Project Update 1st Quarter 2022, January to March 30, 2022 Submittal
Imported From:

iHEER System - Documents

Date : Apr 28, 2023
Document No: 202845
Type: Undetermined

Title: DOH Quarterly Project Update 1st Quarter 2023
Imported From:

iHEER System - Documents

Date : Apr 28, 2023
Document No: 202849
Type: Undetermined
Title: DOH Quarterly Project Update 1st Quarter 2023
Imported From:

iHEER System - Documents

Date : Apr 28, 2023
Document No: 202848
Type: Undetermined
Title: DOH Quarterly Project Update 1st Quarter 2023 Submittal
Imported From:

iHEER System - Documents

Date : Jul 31, 2020
Document No: 176258
Type: Monitoring Report
Title: DOH Quarterly Project Update 2nd Quarter 2020 April through June 30, 2020 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 July 31, 2020
Imported From:

iHEER System - Documents

Date : Jul 31, 2020
Document No: 176257
Type: Monitoring Report
Title: DOH Quarterly Project Update 2nd Quarter 2020 April through June 30, 2020 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 July 31, 2020 _submittal
Imported From:

iHEER System - Documents

Date : Jul 31, 2022
Document No: 203063
Type: Undetermined
Title: DOH Quarterly Project Update 2nd Quarter 2022 April through June 30, 2022
Imported From:

iHEER System - Documents

Date : Jul 31, 2022
Document No: 203062
Type: Undetermined
Title: DOH Quarterly Project Update 2nd Quarter 2022 April through June 30, 2022 Submittal
Imported From:

iHEER System - Documents

Date : Oct 31, 2019
Document No: 171902
Type: Monitoring Report
Title: DOH Quarterly Project Update 3rd Quarter 2019 July through September 30, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 October 31, 2019
Imported From:

iHEER System - Documents

Date : Oct 31, 2019
Document No: 171901
Type: Monitoring Report
Title: DOH Quarterly Project Update 3rd Quarter 2019 July through September 30, 2019 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 October 31, 2019_submittal
Imported From:

iHEER System - Documents

Date : Oct 31, 2020
Document No: 177472
Type: Monitoring Report
Title: DOH Quarterly Project Update 3rd Quarter 2020 July through September 30, 2020 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 October 31, 2020
Imported From:

iHEER System - Documents

Date : Oct 31, 2020
Document No: 177471
Type: Monitoring Report
Title: DOH Quarterly Project Update 3rd Quarter 2020 July through September 30, 2020 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 October 31, 2020_submittal
Imported From:

iHEER System - Documents

Date : Jan 27, 2020
Document No: 172826
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2019
Imported From:

iHEER System - Documents

Date : Jan 27, 2020
Document No: 172825
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2019_submittal
Imported From:

iHEER System - Documents

Date : Jan 30, 2021
Document No: 178650
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2020 October through December 31, 2020
Imported From:

iHEER System - Documents

Date : Jan 30, 2021
Document No: 178649
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2020 October through December 31, 2020_submittal
Imported From:

iHEER System - Documents

Date : Jan 31, 2022
Document No: 183188
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2021 October through December 31, 2021 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 January 31, 2022
Imported From:

iHEER System - Documents

Date : Feb 1, 2022
Document No: 183187
Type: Monitoring Report
Title: DOH Quarterly Project Update 4th Quarter 2021 October through December 31, 2021 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1 January 31, 2022 _submittal
Imported From:

iHEER System - Documents

Date : Jan 31, 2023
Document No: 202804
Type: Undetermined
Title: DOH Quarterly Project Update 4th Quarter 2022 Oct-Dec, 2022 Iwilei District Participating Parties, LLC WBS 1.8.1, Version 1
Imported From:

iHEER System - Documents

Date : Jan 31, 2023
Document No: 202803
Type: Undetermined
Title: DOH Quarterly Project Update 4th Quarter 2022 Submittal
Imported From:

iHEER System - Documents

Date : Jun 30, 2023
Document No: 203525
Type: Undetermined
Title: DOH Quarterly Project Update, 2nd Quarter 2023 April 1 through June 30, 2023, Iwilei District Participating Parties, LLC
Imported From:

iHEER System - Documents

Date : Jun 30, 2008
Document No: 173800
Type: Comment Letter
Title: DOH Remedial Project Manager change for the Honolulu Harbor/Iwilei District Project
Imported From:

iHEER System - Documents

Date : May 25, 2004
Document No: 173947
Type: Comment Letter
Title: DOH Request to use State Capitol meeting room
Imported From:

iHEER System - Documents

Date : Nov 10, 2021
Document No: 184274
Type: Undetermined
Title: DOH-IDPP Technical Exchange Conference Call
Imported From:

iHEER System - Documents

Date : Jun 14, 2006
Document No: 174418

Type: Undetermined
Title: DOH-IDPP Technical Panel Meeting Minutes June 14 2006
Imported From:

iHEER System - Documents

Date : Feb 28, 2007
Document No: 174334
Type: Undetermined
Title: Draft 2006 Annual Report Version 1.0 WBS 1.8.3 February 28 2007
Imported From:

iHEER System - Documents

Date : Feb 22, 2007
Document No: 171343
Type: Undetermined
Title: Final Iwilei District OU1C Remedial Alternatives Analysis V2 WBS 3.4.3
Imported From: H:\Media6002

iHEER System - Documents

Date : Feb 22, 2007
Document No: 176498
Type: Remedial Alternatives Analysis Report
Title: FINAL IWILEI DISTRICT OU1C REMEDIAL ALTERNATIVES ANALYSIS Version 2.0 WBS 3.4.3_redacted
Imported From:

iHEER System - Documents

Date : Sep 11, 2009
Document No: 173836
Type: Comment Letter
Title: Final LNAPL Conceptual Site Model Report, Operable Unit 1C & Contiguous Portions of Operable Units 2 & 3, prepared by AQUI-ver, Inc.
Imported From:

iHEER System - Documents

Date : Mar 11, 2009
Document No: 173824
Type: Comment Letter
Title: Final OUI Response Action Memorandum
Imported From:

iHEER System - Documents

Date : Sep 22, 2006
Document No: 174295
Type: Undetermined
Title: FINAL SUMMARY REPORT NIMITZ PIPELINE INVESTIGATIONS: NIMITZ TRENCH, HAWAIIAN TELCOM TRENCH, AND SUMNER STREET MEDIAN EXCAVATION Version 2.0 WBS 2.1.5 September 22, 2006
Imported From:

iHEER System - Documents

Date : Feb 20, 2007
Document No: 174335
Type: Undetermined
Title: Final Work Plan Iwilei District OU1A and OU1B Remedial Alternatives Analysis Version 2.0 WBS 3.4.1 February 20 2001
Imported From:

iHEER System - Documents

Date : Dec 2, 2005
Document No: 174122
Type: Undetermined
Title: Final Work Plan, Proposed Supplemental Field Data Collection and Pilot Test for Hydraulically Enhanced SPH Removal, dated dec 1 2005 and Summary Resport, Pier 29 Preconstruction Environmental Investigation, prepared by URS dec 2 2005

Imported From:

iHEER System - Documents

Date : Jul 10, 2001
Document No: 174178
Type: Undetermined
Title: Follow Up to Work Plan for Assessment Activities
Imported From:

iHEER System - Documents

Date : Jul 10, 2001
Document No: 174179
Type: Undetermined
Title: Follow up to Work Plan for Assessment Activities
Imported From:

iHEER System - Documents

Date : Feb 3, 2010
Document No: 173850
Type: Comment Letter
Title: Follow-up on the status of the "Draft 100 Percent RD at 700 N. Nimitz Highway" and the "Soil Gas Sampling Phase 2 Scope of Work, Hilo Hattie, 700 North Nimitz Hwy." reports.
Imported From:

iHEER System - Documents

Date : Sep 24, 2009
Document No: 173845
Type: Comment Letter
Title: Grease trap work scheduled for October 5,2009
Imported From:

iHEER System - Documents

Date : Sep 30, 2010
Document No: 173694
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Cover Sheet
Imported From:

iHEER System - Documents

Date : Mar 31, 2010
Document No: 173918
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Through December 31, 2009
Imported From:

iHEER System - Documents

Date : Sep 30, 2009
Document No: 173895
Type: Undetermined
Title: IDPP Database Update & Pipeline Survey Data Through June 30, 2009
Imported From:

iHEER System - Documents

Date : Aug 17, 2009
Document No: 173893
Type: Undetermined
Title: IDPP Draft Response to July 15, 2009 Preliminary HDOH Comments and July 10, 2009 FCH Comments (dated August 2009; Version 1.0)
Imported From:

iHEER System - Documents

Date : Oct 13, 2009
Document No: 173916
Type: Undetermined
Title: IDPP Draft Response to September 8, 2009 HDOH Comments with FCH Comments Attached
Imported From:

iHEER System - Documents

Date : Jul 30, 2019
Document No: 175185
Type: Undetermined
Title: IDPP Master Schedule - Ver 1.38
Imported From:

iHEER System - Documents

Date : May 14, 2021
Document No: 179783
Type: Undetermined
Title: IDPP Members 2021
Imported From:

iHEER System - Documents

Date : Jan 31, 2009
Document No: 171335
Type: Monitoring Report
Title: IDPP Monthly Reports, 1st Quarter 2009
Imported From: H:\Media59662

iHEER System - Documents

Date : Jul 31, 2008
Document No: 171337
Type: Undetermined
Title: IDPP Monthly Reports, 3rd Quarter 2008
Imported From: H:\Media38171

iHEER System - Documents

Date : Oct 31, 2008
Document No: 171336
Type: Undetermined
Title: IDPP Monthly Reports, 4th Quarter 2008
Imported From: H:\Media58768

iHEER System - Documents

Date : Jan 31, 2011
Document No: 171331
Type: Monitoring Report
Title: IDPP Monthly Reports, 4th Quarter 2010, 1st Quarter 2011

Imported From: H:\Media94930

iHEER System - Documents

Date : Oct 30, 2008
Document No: 173860
Type: Undetermined
Title: IDPP monthly updates (months ending 7/31/08, 8/31/08, 9/30/8)
Imported From:

iHEER System - Documents

Date : Jan 28, 2009
Document No: 173873
Type: Undetermined
Title: IDPP Monthly Updates - Oct, Nov, Dec 2008
Imported From:

iHEER System - Documents

Date : Apr 15, 2011
Document No: 173714
Type: Undetermined
Title: IDPP Monthly Updates Cover Sheet
Imported From:

iHEER System - Documents

Date : Apr 1, 2016
Document No: 173762
Type: Undetermined
Title: IDPP Observations Re: HDOH Letter to Sato & Associates, Inc, Jan 23, 2015 Cover Sheet
Imported From:

iHEER System - Documents

Date : Jun 27, 2018
Document No: 171378
Type: Undetermined
Title: IDPP Project Update
Imported From: H:\Media132145

iHEER System - Documents

Date : Jul 11, 2005
Document No: 174133
Type: Undetermined
Title: IDPP Proposed Pilot Testing of Hydraulic Enhanced Separate Phase Hydrocarbon (SPH) Removal in the OU1C and Nimitz Corridor Area of the Iwilei District
Imported From:

iHEER System - Documents

Date : Nov 1, 2010
Document No: 173696
Type: Undetermined
Title: IDPP Reports Cover Sheets
Imported From:

iHEER System - Documents

Date : Jul 1, 2008
Document No: 173801
Type: Comment Letter

Title: IDPP Response dated June 25,2008 to HDOH Letter received May 16,2008
Imported From:

iHEER System - Documents

Date : Jul 29, 2008
Document No: 173858
Type: Comment Letter
Title: IDPP Response to Comments "HIDOH Comments on IDPP Draft LCSM June 30, 2008"lwilei District, Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Dec 17, 2008
Document No: 173869
Type: Undetermined
Title: IDPP Response to DOH's Comments dated December 1, 2008 on the Draft lwilei District Operable Unit IB Environmental Hazard Evaluation, WBS 3.4.2 Appendix A dated 11/7 /08
Imported From:

iHEER System - Documents

Date : Aug 12, 2020
Document No: 176444
Type: Undetermined
Title: IDPP RESPONSE TO MAY 1, 2020 HEER COMMENTS ON THE 2019 Annual Report Version 1, WBS 1.8.3, March 31, 2020
Imported From:

iHEER System - Documents

Date : Aug 12, 2020
Document No: 176443
Type: Undetermined
Title: IDPP RESPONSE TO MAY 1, 2020 HEER COMMENTS ON THE 2019 Annual Report Version 1, WBS 1.8.3, March 31, 2020 _submittal
Imported From:

iHEER System - Documents

Date : Jul 6, 2021
Document No: 180254
Type: Undetermined
Title: IDPP Response to Revision Request of 2020 according to HDOH April Comments of 2020 Annual Report by July 31, 2021
Imported From:

iHEER System - Documents

Date : Jul 30, 2004
Document No: 174055
Type: Undetermined
Title: IDPP Response to Summer Street Lower (Flora Dec) Next Actions
Imported From:

iHEER System - Documents

Date : Sep 14, 2005
Document No: 174285
Type: Undetermined
Title: IWILEI DISTRICT DRAFT WORK PLAN PROPOSED SUPPLEMENTAL FIELD DATA COLLECTION AND PILOT TEST FOR HYDRAULICALLY ENHANCED SPH REMOVAL OUC-NIMITZ CORRIDOR
Imported From:

iHEER System - Documents

Date : Apr 26, 2013
Document No: 173736
Type: Comment Letter
Title: Iwilei District Mauka, Draft Programmatic EHE and EHMP (City and County Comments)
Imported From:

iHEER System - Documents

Date : Nov 25, 2008
Document No: 173866
Type: Undetermined
Title: IWILEI DISTRICT OUIC AND OU3 LIGHT NON-AQUEOUS PHASE LIQUID AND SOIL GAS CHARACTERIZATION SUPPLEMENTAL REMEDIAL INVESTIGATION
Imported From:

iHEER System - Documents

Date : Mar 6, 2003
Document No: 174065
Type: Undetermined
Title: Iwilei District Participating Parties (IDPP) Documents Response
Imported From:

iHEER System - Documents

Date : Dec 17, 2010
Document No: 173700
Type: Undetermined
Title: Iwilei District Participating Parties LLC, Enforceable Agreement for Environmental Response Actions-New Shell Contact Campagna
Imported From:

iHEER System - Documents

Date : Dec 17, 2010
Document No: 173701
Type: Undetermined
Title: Iwilei District Participating Parties LLC-Change of Contact (Sh
Imported From:

iHEER System - Documents

Date : Aug 6, 2004
Document No: 174056
Type: Undetermined
Title: IDPP Response to Zippy's Next Action
Imported From:

iHEER System - Documents

Date : Jul 9, 2007
Document No: 173781
Type: Comment Letter
Title: IDPP Responses to DOH Comments on Draft Iwilei District OU2 Remedial Alternatives Analysis dated May 7,2007
Imported From:

iHEER System - Documents

Date : Mar 31, 2023
Document No: 203084
Type: Response to Comments
Title: IDPP responses to HDOH comments regarding the 2019 and 2020 Annual Reports
Imported From:

iHEER System - Documents

Date : Sep 16, 2014
Document No: 173760
Type: Undetermined
Title: IDPP Review of "Programmatic EHE / EHMP Document, Iwilei District, Honolulu HI, Mar 2013, Version 2.0"
Imported From:

iHEER System - Documents

Date : Aug 1, 2009
Document No: 173896
Type: Undetermined
Title: IDPP Summary of Well Field, Soil Gas Field, Indoor Drain Vault, Utility Field Measurements, and Volatile Organic Compound Analytes for Sub-Slab Samples
Imported From:

iHEER System - Documents

Date : Jun 30, 2003
Document No: 174415
Type: Undetermined
Title: IDPP Technical Memorandum - Screening Level Ecological Risk Evaluation - Iwilei District, Honolulu Harbor
Imported From:

iHEER System - Documents

Date : Oct 16, 2012
Document No: 173772
Type: Undetermined
Title: IDPP: Legal Discussions Agenda, with attached Letter
Imported From:

iHEER System - Documents

Date : Jan 30, 2002
Document No: 174366
Type: Undetermined
Title: Iwilei District Participating Parties Project - Weekly Report for the Week of June 21 - June 27. 2003
Imported From:

iHEER System - Documents

Date : Nov 29, 2003
Document No: 174377
Type: Undetermined
Title: Iwilei District Participating Parties Project Bi-Weekly Report for the Period November 29 through December 12 2003
Imported From:

iHEER System - Documents

Date : Jun 27, 2003
Document No: 174376
Type: Undetermined
Title: Iwilei District Participating Parties Project Weekly Report for the Week of June 21-June 27 2003
Imported From:

iHEER System - Documents

Date : Jun 4, 2003
Document No: 174349
Type: Undetermined

Title: Iwilei District Participating Parties Site Assessment & Prioritization (SAP) Report June 4 2003
Imported From:

iHEER System - Documents

Date : Apr 10, 2003
Document No: 174061
Type: Undetermined
Title: Iwilei District Participating Parties Site Assessment and Prioritization Report Iwilei District
Imported From:

iHEER System - Documents

Date : Jun 30, 2003
Document No: 174062
Type: Undetermined
Title: Iwilei District Participating Parties Technical Memorandum - Screening Level Ecological Risk Evaluation Iwilei District, Honolulu Harbor Honolulu Hawaii
Imported From:

iHEER System - Documents

Date : Nov 15, 2011
Document No: 173763
Type: Undetermined
Title: Iwilei District Participating Parties, Program Review for Agencies, Nov 15, 2011 - Presentation
Imported From:

iHEER System - Documents

Date : Apr 29, 2004
Document No: 174270
Type: Undetermined
Title: Incident Action Plan Iwilei Release April 29 2004
Imported From:

iHEER System - Documents

Date : Jan 28, 2003
Document No: 174252
Type: Undetermined
Title: Indoor Air Quality Evaluation Harbor Police Enforcement Office Pier 24 Honolulu Hawaii Clayton Project No 85-03067.00 Jan 28 2003
Imported From:

iHEER System - Documents

Date : Aug 28, 2007
Document No: 173785
Type: Comment Letter
Title: Information Request for Iwilei District, Former BHP Gasco Plant, Pier 3
Imported From:

iHEER System - Documents

Date : May 1, 1994
Document No: 171373
Type: Undetermined
Title: Inventory Project Report, Piers 24, 25 and 26 Site No. H09HI028300
Imported From: H:\Media4219

iHEER System - Documents

Date : Jul 1, 2002

Document No: 174251
Type: Undetermined
Title: Iwilei District Communications Plan July 2002
Imported From:

iHEER System - Documents

Date : Jun 18, 2002
Document No: 174247
Type: Undetermined
Title: Iwilei District Communications Plan June 2002
Imported From:

iHEER System - Documents

Date : Apr 12, 2012
Document No: 173670
Type: Undetermined
Title: Iwilei District Participating Parties-Summary of 2011 Annual Report
Imported From:

iHEER System - Documents

Date : Apr 13, 1995
Document No: 174365
Type: Undetermined
Title: Iwilei District Progress Update - Activities through June 17 2002
Imported From:

iHEER System - Documents

Date : Jun 17, 2002
Document No: 174374
Type: Undetermined
Title: Iwilei District Progress Update Activities through June 17 2002
Imported From:

iHEER System - Documents

Date : Jul 26, 2001
Document No: 174180
Type: Undetermined
Title: July 16, 2001 Notice of Federal Interest Under the Oil Pollution Act of 1990
Imported From:

iHEER System - Documents

Date : Sep 3, 1990
Document No: 171330
Type: Undetermined
Title: Kapalama Military Reservation Property Transactions
Imported From: H:\Media\100109

iHEER System - Documents

Date : Jun 20, 2012
Document No: 173730
Type: Undetermined
Title: Kapalama Military Reservation Property Transactions Cover Sheet
Imported From:

iHEER System - Documents

Date : Jun 28, 2002

Document No: 174356
Type: Undetermined
Title: Laboratory Data Review - Nimitz Highway 16-inch Water Main
Imported From:

iHEER System - Documents

Date : Sep 22, 2009
Document No: 173897
Type: Undetermined
Title: Letter addressing issues discussed during telephone conversation on September 17, 2009.
Imported From:

iHEER System - Documents

Date : Apr 19, 2010
Document No: 173857
Type: Comment Letter
Title: Letter dated April 7, 2010 from J. George Hetherington to Hawaii Department of Health
Imported From:

iHEER System - Documents

Date : Aug 27, 2009
Document No: 173837
Type: Comment Letter
Title: Letter dated August 14, 2009 from J. George Hetherington, requesting clarification on levels of environmental remediation measures for FCH Enterprises' property, located at 634 and 666 N. Nimitz Hwy.
Imported From:

iHEER System - Documents

Date : Apr 5, 2010
Document No: 173919
Type: Undetermined
Title: Letter dated February 25, 2010 from J. George Hetherington to Carol Mitsuyasu, IDPP Coordinator, requesting cost reimbursement for FCH Enterprises, Inc.
Imported From:

iHEER System - Documents

Date : Mar 18, 2010
Document No: 173855
Type: Comment Letter
Title: Letter dated February 25, 2010 from J. George Hetherington to Carol Mitsuyasu, IDPP Coordinator, requesting cost reimbursement for FCH Enterprises
Imported From:

iHEER System - Documents

Date : Aug 4, 2004
Document No: 173949
Type: Comment Letter
Title: Letter listing Tasks and Finish Dates Needed
Imported From:

iHEER System - Documents

Date : Apr 25, 2005
Document No: 174116
Type: Undetermined
Title: Letter of Intent to Respond to an Oil Spill Incident
Imported From:

iHEER System - Documents

Date : Apr 25, 2006
Document No: 174182
Type: Undetermined
Title: Letter of Intent- Separate Phase Hydrocarbon Recovery Test Trench Installation as Part of the Pilot Test
Imported From:

iHEER System - Documents

Date : Jun 29, 2010
Document No: 173645
Type: Letter of Interest
Title: Letter of interest
Imported From:

iHEER System - Documents

Date : Jul 15, 2015
Document No: 173761
Type: Undetermined
Title: Letter of Order, Petroleum Cleanup in Sewer Lines
Imported From:

iHEER System - Documents

Date : Jul 26, 2005
Document No: 173971
Type: Comment Letter
Title: Letter to BEI Environmental about questions about relationship of OU3, OU2 and OU1 properties in the Iwilei District
Imported From:

iHEER System - Documents

Date : Jul 19, 2004
Document No: 173948
Type: Comment Letter
Title: Letter to Clarify Operational Principles of Emergency and Remedial Response
Imported From:

iHEER System - Documents

Date : Oct 5, 2005
Document No: 174131
Type: Undetermined
Title: Letter to the IDPP Members from John Perkin Re: Withdrawals from Iwilei District Participating Parties
Imported From:

iHEER System - Documents

Date : Jul 31, 2009
Document No: 173889
Type: Undetermined
Title: LNAPL Conceptual Site Model Report, Operable Unit IC & Contiguous Pmiions of Operable Units 2 & 3 dated June 1, 2009, prepared by Aqvi-Ver, Inc.
Imported From:

iHEER System - Documents

Date : Feb 6, 2003
Document No: 174044
Type: Comment Letter
Title: LUST Case Referrals in Honolulu Harbor Project Area
Imported From:

iHEER System - Locations Details

Locations ID: 3793
Location Type: SC
Description: IDPP Representative Loc.
Comment : Google Maps
Centroid: POINT (-157.874286 21.314693000000005)
Geometry:

POINT (-157.874286 21.314693000000005)

Site Details

Centroid: POINT (-157.874286 21.314693000000005)
Updated On: 11/17/2021 4:20:09 PM
Coordinates: 21.314693000000005,-157.874286

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: IDPP

Site: **Kakaako Makai District Units 2 and 4**
Olomehani St Honolulu HI 96814

[SHWS](#)

iHEER ID (Public iHEER): 311
Site Name (Public iHEER): Kakaako Makai District Units 2 and 4
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Makai
Street (Public iHEER): Olomehani St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 3/10/2022 8:51:23 AM
Ms Access ID (Public iHEER): 2074
Suppl Loc (Public iHEER): Olomehani St and Ahui St
Tax Map Keys (Public iHEER): 121060001, 121060002, 121060028, 121060029
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 311
Site Name (PORTAL): Kakaako Makai District Units 2 and 4
Loc Desc (PORTAL): Olomehani St and Ahui St
Address (PORTAL): Olomehani St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/311/details/view>

Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Sep 1, 2006
Document No: 137895
Type: Site Characterization Work Plan
Title: Kakaako Waterfront Point Panic, Honolulu HI, TMK 1-2-1-060-001 and 002 Kakaako Brownfield Project Unit 2 and 4
Imported From: \facilitysite documents\media38388\38388.pdf

iHEER System - Documents

Date : May 31, 2006
Document No: 137900
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Point Panic, Honolulu HI, TMK 1-2-1-060-001 and 002 Kakaako Brownfield Project Unit 2 and 4
Imported From: 38386#\Heersharepoint1\facilitysite%20documents\38386.pdf

iHEER System - Documents

Date : Jul 7, 2006
Document No: 137904
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, Kakaako Waterfront Point Panic, Honolulu HI, TMK 1-2-1-060-001 and 002, Kakaako Brownfield Project Unit 2 and 4
Imported From: 38445#\Heersharepoint1\facilitysite%20documents\38445.pdf

iHEER System - Documents

Date : Jun 2, 1995
Document No: 137898
Type: Undetermined
Title: Receipt of Reports
Imported From: 112667#\Heersharepoint1\facilitysite%20documents\112667.pdf

iHEER System - Documents

Date : Jun 20, 2006
Document No: 137901
Type: Undetermined
Title: Review/Comments for Phase I ESA for Kakaako Waterfront-Point Panic
Imported From: 2006-367#Q:\2006 Final Correspondence (Day File)\06-367-MGC.pdf

iHEER System - Documents

Date : Aug 22, 2006
Document No: 137902
Type: Undetermined
Title: Review/Comments for Site Investigation Work Plan for Kakaako Waterfront -Point Panic Unit 2 and 4
Imported From: 2006-511#Q:\2006 Final Correspondence (Day File)\06-511-MGC.pdf

iHEER System - Documents

Date : Aug 29, 2007
Document No: 183426
Type: Undetermined
Title: Site Investigation & Preliminary Remedial Alternatives Analysis Report for Kakaako Waterfront-Point Panic
Imported From:

iHEER System - Documents

Date : Dec 14, 2007

Document No: 17096
Type: Undetermined
Title: Site Investigation and Preliminary RAA Report, Kakaako Waterfront-Point Panic Site, TMK 1-2-1-060-001 and 002, Units 2 and 4
Imported From: 7049#\Heersharepoint1\facilitiesite%20documents\7049.pdf

iHEER System - Documents

Date : Nov 1, 2007
Document No: 137899
Type: Remedial Alternatives Analysis Report
Title: Site Investigation and Preliminary RAA Report, Kakaako Waterfront-Point Panic, Honolulu HI, TMK 1-2-1-060-001 and 002, Kakaako Brownfields Project-Units 2 and 4
Imported From: 38390#\Heersharepoint1\facilitiesite%20documents\38390.pdf

iHEER System - Documents

Date : Sep 7, 1993
Document No: 137897
Type: Undetermined
Title: Various City Locations UST Closure Report
Imported From: 112669#\Heersharepoint1\facilitiesite%20documents\112669.pdf

iHEER System - Documents

Date : Jul 7, 2006
Document No: 137903
Type: Undetermined
Title: Hazardous Materials Survey Report, Pacific Biomedical Research Center, Kakaako Waterfront - Point Panic, Honolulu HI
Imported From: 38444#\Heersharepoint1\facilitiesite%20documents\38444.pdf

iHEER System - Documents

Date : Jun 1, 2009
Document No: 183403
Type: Environmental Hazard Management Plan
Title: Kakaako Makai District (EHMP)
Imported From:

iHEER System - Documents

Date : Sep 1, 2006
Document No: 137896
Type: Undetermined
Title: Kakaako Waterfront Point Panic, Honolulu HI, TMK 1-2-1-060-001 and 002 Kakaako Brownfield Project Unit 2 and 4
Imported From: \facilitiesite documents\media38388\Appendix II.pdf

iHEER System - Locations Details

Locations ID: 5169
Location Type: SB
Description: Kakaako Makai Units 2 & 4
Comment : Google Maps, Approx site boundary
Centroid: POINT (-157.86169405063117 21.291922837230171)
Geometry:

POLYGON ((-157.86213595052706 21.292996766542188, -157.86277968069058 21.29229201592252, -157.86205548425889 21.291827178558272, -157.86226469656157 21.291482298274449, -157.86112207552446 21.290642586373515, -157.86080021044273 21.291092432631174, -157.86133128782717 21.291422319012025, -157.86081630368918 21.292262026459543, -157.86213595052706 21.292996766542188))

iHEER System - Locations Details

Locations ID: 5170

Location Type: SC
Description: Kakaako Makai Units 2 & 4
Comment : Google Maps
Centroid: POINT (-157.861524 21.291901999999986)
Geometry:

POINT (-157.861524 21.291901999999986)

Site Details

Centroid: POINT (-157.861524 21.291901999999986)
Updated On: 3/10/2022 8:51:23 AM
Coordinates: 21.291901999999986,-157.861524

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Kakaako Makai

Site: ***Uaukewai Diving Salvage & Fishing, Inc.***
Pier 21 Alakea St Honolulu HI 96817

SHWS

iHEER ID (Public iHEER): 2648
Site Name (Public iHEER): Uaukewai Diving Salvage & Fishing, Inc.
Aliases (Public iHEER): Honolulu Harbor Iwilei Unit OU3, SLR 3.2ft Flooding, Uaukewai Diving Salvage & Fishing, Inc
Street (Public iHEER): Pier 21 Alakea St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): Admin
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): FALSE
Updated on (Public iHEER): 12/13/2021 4:54:58 PM
Ms Access ID (Public iHEER): 913
Suppl Loc (Public iHEER): Pier 21 Alakea St
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER): 2648
Site Name (Non Public iHEER): Uaukewai Diving Salvage & Fishing, Inc.
Address (Non Public iHEER): Pier 21 Alakea St
City State Zip (Non Public): Honolulu HI 96817
Suppl Loc Text(Non Public): Honolulu Harbor Pier 21
iHEER ID (PORTAL):
Site Name (PORTAL):
Loc Desc (PORTAL):
Address (PORTAL):

County (PORTAL):
Island (PORTAL):
Status (PORTAL):
Priority (PORTAL):
Lead Agency (PORTAL):
Program (PORTAL):
Assigned Rpm (PORTAL):
Details URL (PORTAL):
Data Source(s): Public Sites in IHEER (11/22/2022); Non Public Sites in IHEER (01/13/2022)

Site Details

Centroid: POINT (-157.868 21.3098)
Updated On: 12/13/2021 4:54:58 PM
Coordinates: 21.3098,-157.868

Site: DOA Pu'u Kapu Reservoir
Pali Hwy Honolulu HI 96817

SHWS

iHEER ID (Public iHEER): 3103
Site Name (Public iHEER): DOA Pu'u Kapu Reservoir
Aliases (Public iHEER): DOA Pu'u Kapu Reservoir, Puu Kapu Reservoir, Waimea 60 MG Reservoir, Waimea Reservoir
Street (Public iHEER): Pali Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Hawaii
Island (Public iHEER): Hawaii
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/10/2021 8:43:13 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): Pu'u Kapu Reservoir
Tax Map Keys (Public iHEER): 364002125
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3103
Site Name (PORTAL): DOA Pu'u Kapu Reservoir
Loc Desc (PORTAL): Pu'u Kapu Reservoir
Address (PORTAL): Pali Hwy
Honolulu, HI 96817
County (PORTAL): Hawaii
Island (PORTAL): Hawaii
Status (PORTAL): NFA W/ICS
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Thomas Gilmore
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3103/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 24, 2021
Document No: 178874
Type: Environmental Hazard Management Plan
Title: Abbreviated Construction - Environmental Hazard Evaluation and Environmental Hazard Management Plan (EHE/EHMP) for Waimea 60 MG Reservoir (Puu Kapu Reservoir), Waimea, Island of Hawaii
Imported From:

iHEER System - Documents

Date : May 18, 2021
Document No: 179890
Type: Undetermined
Title: Aidan Stone emails Re Puu Kapu Reservoir
Imported From:

iHEER System - Documents

Date : Aug 26, 2021
Document No: 180800
Type: Concurrence Letter
Title: Concurrence for C-EHE/EHMP
Imported From:

iHEER System - Documents

Date : May 19, 2021
Document No: 179889
Type: CEHMP
Title: Construction-EHE/EHMP for Waimea 60 MG Reservoir
Imported From:

iHEER System - Documents

Date : Apr 9, 2021
Document No: 179467
Type: Environmental Hazard Management Plan
Title: DRAFT Construction - Environmental Hazard Evaluation and Environmental Hazard Management Plan (EHE/EHMP) for Waimea 60 MG Reservoir (Puu Kapu Reservoir) Relining Project, Waimea, Island of Hawaii
Imported From:

iHEER System - Documents

Date : Feb 24, 2021
Document No: 178873
Type: Undetermined
Title: epermit submittal form for Abbreviated Construction - Environmental Hazard Evaluation and Environmental Hazard Management Plan (EHE/EHMP) for Waimea 60 MG Reservoir (Puu Kapu Reservoir), Waimea, Island of Hawaii
Imported From:

iHEER System - Locations Details

Locations ID: 7765
Location Type: SB
Description: DOA Pu'u Kapu Reservoir
Comment :
Centroid: POINT (-155.6235725472705 20.048446165475429)
Geometry:

POLYGON ((-155.62499610339876 20.046834052992011, -155.62211004650291 20.046864289404844, -155.62216369068472 20.050059237545696, -155.62501756106965 20.050039080348267, -155.62499610339876 20.046834052992011))

iHEER System - Locations Details

Locations ID: 7766
Location Type: SC
Description: DOA Pu'u Kapu Reservoir
Comment :
Centroid: POINT (-155.62359099999998 20.048517000000015)
Geometry:

POINT (-155.62359099999998 20.048517000000015)

Site Details

Centroid: POINT (-155.62359099999998 20.048517000000015)
Updated On: 12/10/2021 8:43:13 PM
Coordinates: 20.048517000000015,-155.62359099999998

iHEER System - Aliases

Name: Puu Kapu Reservoir

iHEER System - Aliases

Name: DOA Pu'u Kapu Reservoir

iHEER System - Aliases

Name: Waimea Reservoir

iHEER System - Aliases

Name: Waimea 60 MG Reservoir

Site: Nestle USA
Nimitz Highway Honolulu HI 96819

SHWS

iHEER ID (Public iHEER): 2772
Site Name (Public iHEER): Nestle USA
Aliases (Public iHEER): Carnation Company parent company to Albers Milling, Hawaii Grain, Manna Pro
Street (Public iHEER): Nimitz Highway
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96819
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Consultation
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 1/8/2022 4:03:31 PM
Ms Access ID (Public iHEER): 716
Suppl Loc (Public iHEER): Grain Mills Nimitz Highway Pier 34 -35
Tax Map Keys (Public iHEER): 115038005
iHEER ID (Non Public iHEER): 2772
Site Name (Non Public iHEER): Nestle USA
Address (Non Public iHEER): 2828 Paa St
City State Zip (Non Public): Honolulu HI 96819
Suppl Loc Text(Non Public): Suite 3028
iHEER ID (PORTAL): 2772
Site Name (PORTAL): Nestle USA
Loc Desc (PORTAL): Grain Mills Nimitz Highway Pier 34 -35
Address (PORTAL): Nimitz Highway
Honolulu, HI 96819
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): CONSULTATION
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Iris van der Zander
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2772/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022); Non Public Sites in IHEER (01/13/2022)

iHEER System - Documents

Date : Dec 19, 2000

Document No: 46627
Type: Undetermined
Title: HH PRPs identified by PHR Report
Imported From: 120901#\Heersharepoint1\facilitsite%20documents\120901.pdf

iHEER System - Documents

Date : Nov 15, 1999
Document No: 14645
Type: Undetermined
Title: Honolulu Harbor Request for Information
Imported From: 616#\Heersharepoint1\facilitsite%20documents\616.pdf

iHEER System - Documents

Date : Mar 8, 2001
Document No: 46631
Type: Undetermined
Title: Honolulu Harbor, Iwilei Section
Imported From: 591#\Heersharepoint1\facilitsite%20documents\591.pdf

iHEER System - Documents

Date : Jan 29, 2001
Document No: 46630
Type: Undetermined
Title: Honolulu Harbor, Iwilei Section, Nestle USA, No 00-325-LY 1/29/2001
Imported From: 592#\Heersharepoint1\facilitsite%20documents\592.pdf

iHEER System - Documents

Date : Aug 7, 2000
Document No: 46625
Type: Undetermined
Title: Honolulu Harbor, Iwilei Section, Nestle USA, No 00-325-LY 8/7/2000
Imported From: 593#\Heersharepoint1\facilitsite%20documents\593.pdf

iHEER System - Documents

Date : Jul 22, 1997
Document No: 46629
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1997
Imported From: 47890#\Heersharepoint1\facilitsite%20documents\47890.pdf

iHEER System - Documents

Date : Oct 26, 1999
Document No: 46626
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1999
Imported From: 49004#\Heersharepoint1\facilitsite%20documents\49004.pdf

iHEER System - Documents

Date : Jul 13, 2000
Document No: 46628
Type: Undetermined
Title: Honolulu Harbor: Request for Information 2000
Imported From: 49426#\Heersharepoint1\facilitsite%20documents\49426.pdf

iHEER System - Locations Details

Locations ID: 9104

Location Type: SC
Description:
Comment :
Centroid: POINT (-157.86959199999998 21.31237400000002)
Geometry:

POINT (-157.86959199999998 21.31237400000002)

Site Details

Centroid: POINT (-157.86959199999998 21.31237400000002)
Updated On: 1/8/2022 4:03:31 PM
Coordinates: 21.31237400000002,-157.86959199999998

iHEER System - Aliases

Name: Hawaii Grain

iHEER System - Aliases

Name: Manna Pro

iHEER System - Aliases

Name: Carnation Company parent company to Albers Milling

Site: 555 South Street
South Street Honolulu HI 96813

SHWS

iHEER ID (Public iHEER): 3161
Site Name (Public iHEER): 555 South Street
Aliases (Public iHEER):
Street (Public iHEER): South Street
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/28/2021 10:44:21 AM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): 555 South Street
Tax Map Keys (Public iHEER): 121030051
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3161
Site Name (PORTAL): 555 South Street
Loc Desc (PORTAL): 555 South Street
Address (PORTAL): South Street
Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3161/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Sep 22, 2015
Document No: 182679
Type: Phase I Environmental Site Assessment
Title: Phase I Environmental Site Assessment Lot A-1
Imported From:

iHEER System - Locations Details

Locations ID: 9098
Location Type: SC
Description: 555 South Street
Comment : Form Address.
Centroid: POINT (-157.860026 21.301456999999996)
Geometry:

POINT (-157.860026 21.301456999999996)

Site Details

Centroid: POINT (-157.860026 21.301456999999996)
Updated On: 12/28/2021 10:44:21 AM
Coordinates: 21.301456999999996,-157.860026

Site: **Petroleum-Oil-Lubricants (POL) Relocation Project**
N Nimitz Hwy Honolulu HI 96817

[SHWS](#)

iHEER ID (Public iHEER): 3187
Site Name (Public iHEER): Petroleum-Oil-Lubricants (POL) Relocation Project
Aliases (Public iHEER):
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Assessment
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 6/17/2022 5:06:21 PM
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER): Kapalama Basin adjacent to Piers 35, 36, and 37 (6.1611 Acres)
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3187
Site Name (PORTAL): Petroleum-Oil-Lubricants (POL) Relocation Project
Loc Desc (PORTAL): Kapalama Basin adjacent to Piers 35, 36, and 37 (6.1611 Acres)
Address (PORTAL): N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/3187/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date :
Document No: 184525
Type: Undetermined
Title: Development Plan Map
Imported From:

iHEER System - Documents

Date : Oct 31, 1996
Document No: 184521
Type: Undetermined
Title: Executive Committee Meeting Agenda
Imported From:

iHEER System - Documents

Date : Mar 1, 1989
Document No: 184518
Type: Undetermined
Title: GROUNDWATER RESOURCES AND SUSTAINABLE YIELD EWA PLAIN CARPOCK AQUIFER
Imported From:

iHEER System - Documents

Date : Nov 10, 1993
Document No: 184523
Type: Undetermined
Title: Kapalama Development Complex Summary Sheet
Imported From:

iHEER System - Documents

Date : Nov 24, 1992
Document No: 184519
Type: Undetermined
Title: Memorandum - Final Phase 2 Report
Imported From:

iHEER System - Documents

Date : May 5, 1995
Document No: 184520
Type: Undetermined
Title: Oahu Commercial Harbors 2020 Master Plan
Imported From:

iHEER System - Documents

Date :
Document No: 184526
Type: Undetermined
Title: Pipeline Routes Map
Imported From:

iHEER System - Documents

Date : Jan 31, 1995
Document No: 184517
Type: Undetermined
Title: Project Summary
Imported From:

iHEER System - Documents

Date :
Document No: 184524
Type: Undetermined
Title: Scope of Work - Williams Brothers
Imported From:

iHEER System - Documents

Date : Dec 31, 1992
Document No: 184522
Type: Undetermined
Title: Summary of Meeting on Site Characterization Approaches
Imported From:

Site Details

Centroid: POINT (-157.869404 21.31162200000011)
Updated On: 6/17/2022 5:06:21 PM
Coordinates: 21.31162200000011,-157.869404

Site: **Kakaako Brownfield Project-Unit 7**
Ahui St Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 299
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 7
Aliases (Public iHEER): Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 7, Kakaako Improvement District 7, Kakaako Makai, SLR 3.2ft Flooding
Street (Public iHEER): Ahui St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 484
Suppl Loc (Public iHEER): Ahui St
Tax Map Keys (Public iHEER): 121058002, 121058047, 121058107, 121058130
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 299
Site Name (PORTAL): Kakaako Brownfield Project-Unit 7
Loc Desc (PORTAL): Ahui St
Address (PORTAL): Ahui St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/299/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 2006

Document No: 15004
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Locations Details

Locations ID: 1007
Location Type: SC
Description:
Comment : Centroid, ZIP 96814; eric.sadoyama; Primary;
Centroid: POINT (-157.859678 21.292912999999992)
Geometry:

POINT (-157.859678 21.292912999999992)

Site Details

Centroid: POINT (-157.859678 21.292912999999992)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.292912999999992,-157.859678

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 7

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Kakaako Improvement District 7

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: SLR 3.2ft Flooding

Site: Allstate Industrial & Marine Cleaning
N Nimitz Hwy Honolulu HI

SHWS

iHEER ID (Public iHEER): 2609
Site Name (Public iHEER): Allstate Industrial & Marine Cleaning
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu High-Capacity Transit Corridor Project, Pauley Petroleum
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):

County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/1/2020 12:05:01 PM
Ms Access ID (Public iHEER): 62
Suppl Loc (Public iHEER): Honolulu Harbor Pier 32
Tax Map Keys (Public iHEER): 115035012
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2609
Site Name (PORTAL): Allstate Industrial & Marine Cleaning
Loc Desc (PORTAL): Honolulu Harbor Pier 32
Address (PORTAL): N Nimitz Hwy
 Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2609/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 16, 1995
Document No: 11708
Type: Undetermined
Title: "The Department of Health will be holding a meeting to answer questions regarding the scope of our Investigation and expectations at the 'Honolulu Harbor' site."
Imported From: 120844#\Heersharepoint1\facilitiesite%20documents\120844.pdf

iHEER System - Documents

Date : Feb 6, 1995
Document No: 11710
Type: Undetermined
Title: Honolulu Harbor: Request for Information 1995
Imported From: 51458#\Heersharepoint1\facilitiesite%20documents\51458.pdf

iHEER System - Locations Details

Locations ID: 768
Location Type: SC
Description:
Comment : EPO; PrimaryTemp ; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.875 21.313999999999986)
Geometry:

POINT (-157.875 21.313999999999986)

Site Details

Centroid: POINT (-157.875 21.313999999999986)
Updated On: 12/1/2020 12:05:01 PM
Coordinates: 21.313999999999986,-157.875

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: Pauley Petroleum

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: **Kakaako Makai Brownfields/HCDA**
Ahui St Honolulu HI 96814

[SHWS](#)

iHEER ID (Public iHEER): 308
Site Name (Public iHEER): Kakaako Makai Brownfields/HCDA
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Makai
Street (Public iHEER): Ahui St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): 10/13/2020 3:23:21 PM
Updated on (Public iHEER): 492
Ms Access ID (Public iHEER): Ahui Street
Suppl Loc (Public iHEER): 121058002, 121058006, 121058041, 121058047, 121058059, 121058060, 121058082, 121058083, 121058084, 121058085, 121058086, 121058091, 121058095, 121058107, 121060001, 121060002, 121060004, 121060005, 121060006
Tax Map Keys (Public iHEER):

iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):

iHEER ID (PORTAL): 308
Site Name (PORTAL): Kakaako Makai Brownfields/HCDA
Loc Desc (PORTAL): Ahui Street
Address (PORTAL): Ahui St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked

Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/308/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Mar 15, 2022
Document No: 183485
Type: Undetermined
Title: Aerial Photos of Kakaako Makai from Years 2.16.49, 11.5.56 & 11.23.60
Imported From:

iHEER System - Documents

Date : Apr 1, 2011
Document No: 183424
Type: Undetermined
Title: Conceptual Master Plan Final Report
Imported From:

iHEER System - Documents

Date : Nov 24, 1998
Document No: 184008
Type: Undetermined
Title: Data Validation Reports
Imported From:

iHEER System - Documents

Date : Sep 13, 2006
Document No: 32098
Type: Undetermined
Title: Draft Hazardous Materials Survey Reports
Imported From: 5356#\Heersharepoint1\facilitsite%20documents\5356.pdf

iHEER System - Documents

Date : Sep 1, 2009
Document No: 183423
Type: Undetermined
Title: Evaluation of Remedial Alternatives
Imported From:

iHEER System - Documents

Date : Feb 1, 2000
Document No: 184005
Type: Undetermined
Title: Incoming Correspondence
Imported From:

iHEER System - Documents

Date : Jun 1, 2009
Document No: 4951
Type: Environmental Hazard Evaluation Report
Title: Kakaako Makai District, Honolulu HI, EHE
Imported From: 60148#\Heersharepoint1\facilitsite%20documents\60148.pdf

iHEER System - Documents

Date : Jun 1, 2009
Document No: 16417
Type: Environmental Hazard Management Plan
Title: Kakaako Makai District, Honolulu HI, EHMP, Jun 2009
Imported From: 60428#\Heersharepoint1\facilitsite%20documents\60428.pdf

iHEER System - Documents

Date : Jan 12, 2009
Document No: 32078
Type: Undetermined
Title: Letter Report, Office of Hawaiian Affairs - Due Diligence, Review of Kakaako Makai Environmental Reports
Imported From: 122956#\Heersharepoint1\facilitsite%20documents\122956.pdf

iHEER System - Documents

Date :
Document No: 183425
Type: Undetermined
Title: Maps
Imported From:

iHEER System - Documents

Date : Feb 1, 1990
Document No: 184548
Type: Undetermined
Title: Maps and Aerials for Kakaako Brownfields
Imported From:

iHEER System - Documents

Date :
Document No: 184010
Type: Undetermined
Title: Media
Imported From:

iHEER System - Documents

Date : Jun 25, 1999
Document No: 184006
Type: Undetermined
Title: Outgoing Correspondence
Imported From:

iHEER System - Documents

Date : Oct 21, 1997
Document No: 32100
Type: Undetermined
Title: Phase I ESA Kakaako Brownfield Project, Honolulu HI
Imported From: 38442#\Heersharepoint1\facilitsite%20documents\38442.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 15007
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitsite%20documents\38384.pdf

iHEER System - Documents

Date : Mar 14, 2012
Document No: 183434
Type: Undetermined
Title: Phase I Questionnaire
Imported From:

iHEER System - Documents

Date : Jul 16, 1999
Document No: 32093
Type: Undetermined
Title: Phase II Field Investigation Kakaako Brownfield Project, Honolulu HI
Imported From: 38440#\Heersharepoint1\facilitsite%20documents\38440.pdf

iHEER System - Documents

Date : Jun 5, 2009
Document No: 183419
Type: Undetermined
Title: Planned Interim Remediation Measures for Portions of the Kakaako Makai District
Imported From:

iHEER System - Documents

Date : Apr 7, 1999
Document No: 32105
Type: Undetermined
Title: Preliminary Findings and Recommendations, Phase II Field Investigation
Imported From: 4471#\Heersharepoint1\facilitsite%20documents\4471.pdf

iHEER System - Documents

Date : Jul 30, 2010
Document No: 183049
Type: Undetermined
Title: Recommendation for the Special Management Area (SMA) Use Approval Application for Restaurant and Multi-Use Assembly and Hospitality Uses with Parking and Other Support Activity Uses, TMK 2-1-060:013
Imported From:

iHEER System - Documents

Date : May 1, 2007
Document No: 32097
Type: Undetermined
Title: Review of the Phase I ESA for the Historic Ala Moana Pumping Station
Imported From: 2007-289#Q:\2007 Final Correspondence (Day File)\07-289-MGC.pdf

iHEER System - Documents

Date : Feb 1, 1999
Document No: 184693
Type: Undetermined
Title: Site Maps & News letter from Kakaako Connection
Imported From:

iHEER System - Documents

Date : Oct 12, 2009
Document No: 183420
Type: Undetermined
Title: Testimony for the Planned Interim Remediation Measures for Portions of the Kakaako Makai District
Imported From:

iHEER System - Locations Details

Locations ID: 1712
Location Type: SC
Description: Kakaako Makai HCDA
Comment : Centroid, TMK 121060006; PrimaryTemp; XTRA_ADD: PrimaryTemp ;
Centroid: POINT (-157.861 21.29429999999993)
Geometry:

POINT (-157.861 21.29429999999993)

iHEER System - Locations Details

Locations ID: 7112
Location Type: EHMP
Description: EHMP Kakaako Makai Unit 5
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.85881465968907 21.294823461488331)
Geometry:

POLYGON ((-157.8595207617316 21.294341734757189, -157.85901650643353 21.295461321387457, -157.85792216515378 21.294971503285833, -157.8587160990227 21.294401712828531, -157.85889848923904 21.294351731103546, -157.85899504876261 21.294301749362404, -157.85909160828626 21.2942717603094, -157.85932764268435 21.294281756661356, -157.8595207617316 21.294331738409305, -157.8595207617316 21.294341734757189))

iHEER System - Locations Details

Locations ID: 7113
Location Type: EHMP
Description: EHMP Kakaako Makai 1 & 3
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.86082212844161 21.293684908675093)
Geometry:

POLYGON ((-157.86140903687129 21.294851547583626, -157.86145195222213 21.294821558642781, -157.8615109608194 21.294766578902134, -157.86154851174575 21.294681610171551, -157.86159679150308 21.294611635885548, -157.8616611645248 21.294461690875412, -157.8616611645248 21.294361727450084, -157.86165043568488 21.294231774895582, -157.86162897801395 21.294106820408889, -157.86156460500115 21.29395187669688, -157.8614895031485 21.293746950891784, -157.86140903687129 21.293517033794068, -157.86139294362485 21.293392078698997, -157.86139294362485 21.29327711991801, -157.8614304945512 21.293117177116155, -157.86146804547758 21.2930372056504, -157.8615109608194 21.292962232361891, -157.86156460500115 21.292867266140902, -157.86154851174575 21.292847273243929, -157.86153778290577 21.292827280345062, -157.86080822205861 21.292352448191576, -157.86077067113223 21.292357446432902, -157.86072239136595 21.292392434116557, -157.86069556927956 21.292432420029836, -157.86012157654429 21.293317105591473, -157.86001428818969 21.293527030197357, -157.85991772866606 21.293751949084854, -157.85977825379163 21.29404684221722, -157.85974606728971 21.294136809495559, -157.85974606728971 21.294166798576097, -157.85975679612071 21.294191789471729, -157.86140903687129 21.294851547583626))

iHEER System - Locations Details

Locations ID: 7114
Location Type: EHMP
Description: EHMP Kakaako Makai Unit 6
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.85879333021251 21.293955034152379)
Geometry:

POLYGON ((-157.85978898263156 21.29371696172559, -157.85964414334165 21.29404684221722, -157.85962268567067 21.294086827680502, -157.85959586358433 21.294106820408889, -157.85955831265795 21.294106820408889, -157.85951539730712 21.294101822227052, -157.85940274453705 21.294091825862857, -157.85923108315174 21.294091825862857, -157.85908087945529 21.294111818589734, -157.85888239598356 21.294181793113655, -157.85877510762 21.294226776718823, -157.8585658953173 21.294331738409305, -157.85840496278092 21.294431701855039, -157.85805627560376 21.294691606494805, -157.85786852097198 21.294641624869218, -157.85786852097198 21.294551657899838, -157.85780951237473 21.294381720140244, -157.85808309769916 21.294101822227052, -157.85810455537009 21.294126813133744, -157.85886630272813 21.293302110964884, -157.85886093831266 21.293317105591473, -157.85888776039906 21.2932871163376, -157.85978898263156 21.29371696172559))

iHEER System - Locations Details

Locations ID: 7115
Location Type: EHMP
Description: EHMP Kakaako Makai Unit 7
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.85974541731673 21.292939387477848)
Geometry:

POLYGON ((-157.86034151768695 21.292522388296184, -157.85982385135017 21.293651985176883, -157.85959318136759 21.293562017601825, -157.85945638870987 21.293482046378049, -157.85926595187036 21.293402075110787, -157.85892799353314 21.293252128866861, -157.85896554445952 21.293212143175726, -157.8594939396362 21.293402075110787, -157.85953953719479 21.293289615441974, -157.85912379479714 21.293127173546633, -157.85913720583585 21.293102182470012, -157.8592230365285 21.293137169976436, -157.85946175312534 21.292609857391589, -157.8595261261471 21.292609857391589, -157.8596763298525 21.292254982453908, -157.86034151768695 21.292522388296184))

iHEER System - Locations Details

Locations ID: 7116
Location Type: SB
Description: Kakaako Makai Unit 8
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.86041842154972 21.292004219494476)
Geometry:

POLYGON ((-157.86037638640553 21.292697326434119, -157.86029055571288 21.292657340592061, -157.86034151768695 21.292517390060468, -157.85967364764474 21.292254982453908, -157.85970046973117 21.292204999999889, -157.86007329678696 21.292332455224582, -157.86025300478653 21.291952588346085, -157.85994186854472 21.291815136273041, -157.86010011887336 21.29157022135167, -157.86024227595556 21.291625202287729, -157.86037638640553 21.291437767193738, -157.8609825656427 21.291782647582824, -157.86037638640553 21.292697326434119))

iHEER System - Locations Details

Locations ID: 7117
Location Type: EHMP
Description: EHMP Kakaako Makai 2 & 4
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.86169795250098 21.291975089353876)
Geometry:

POLYGON ((-157.8620769069135 21.293067194954418, -157.86211445783982 21.293027209213804, -157.86215200876615 21.29302221099525, -157.86216273760613 21.29302221099525, -157.86279573892969 21.292307464012865, -157.86208763575343 21.291827631921276, -157.86225929712975 21.291492748179326, -157.86158874487984 21.291132872263187, -157.86158338045539 21.291077891142169, -157.86134734606628 21.290912947658281, -157.86132588839536 21.290772995466146, -157.86107912516633 21.290613049939992, -157.86074116682914 21.291072892858185, -157.86135807489723 21.291412775829087, -157.86141708350351 21.291452762009648, -157.86144390558991 21.291537732606493, -157.86142244791898 21.291577718753057, -157.86138489699263 21.291602710088828, -157.86134198165078 21.291627701420353, -157.86127224421355 21.291647694483181, -157.86121860003178 21.291647694483181, -157.86119177794538 21.291642696217725, -157.86084845519272 21.292182507889688, -157.86083772635277 21.292242486841992, -157.86083772635277 21.29226747806478, -157.86083772635277 21.29227247630898, -157.8620769069135 21.293067194954418))

iHEER System - Locations Details

Locations ID: 7118
Location Type: EHMP
Description: EHMP Kakaako Makai WWPS
Comment : Google Maps and Doc 16417
Centroid: POINT (-157.86349031096788 21.298157491386526)
Geometry:

POLYGON ((-157.86315515493777 21.299279847355095, -157.86346629118856 21.298994960753017, -157.86364331698041 21.298850018235104, -157.86461964106562 21.298210270241153, -157.86365941023584 21.297210658424472, -157.86358430838314 21.297215656500587, -157.86353602862579 21.297240646877864, -157.86242559409061 21.298045334759376, -157.86282256102507 21.298540140648583, -157.86294057821962 21.298680085445952, -157.86303177332778 21.298800038023593, -157.86309614634052 21.298969970674037, -157.86315515493777 21.299279847355095))

Site Details

Centroid: POINT (-157.861 21.294299999999993)
Updated On: 10/13/2020 3:23:21 PM
Coordinates: 21.294299999999993,-157.861

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Kakaako Brownfield Project

Site: ***Nimitz Highway Water Improvement Project Sumner to Queen
N Nimitz Hwy Honolulu HI 96817***

SHWS

iHEER ID (Public iHEER): 2641
Site Name (Public iHEER): Nimitz Highway Water Improvement Project Sumner to Queen
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei District
Participating Parties, Honolulu Harbor Iwilei Unit
Street (Public iHEER): N Nimitz Hwy
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Needed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 8/7/2019 4:02:44 PM
Ms Access ID (Public iHEER): 719
Suppl Loc (Public iHEER): N Nimitz Hwy Between Sumner and Queen
Tax Map Keys (Public iHEER): 115008014
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2641
Site Name (PORTAL): Nimitz Highway Water Improvement Project Sumner to Queen
Loc Desc (PORTAL): N Nimitz Hwy Between Sumner and Queen
Address (PORTAL): N Nimitz Hwy
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY NEEDED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2641/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Apr 30, 2005
Document No: 46642
Type: Undetermined
Title: APPENDIXES C and E Laboratory Analysis Results and Chain of Custody Forms to Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Imported From: 39145#\Heersharepoint1\facilitiesite%20documents\39145.pdf

iHEER System - Documents

Date : Apr 30, 2005
Document No: 46645
Type: Undetermined
Title: APPENDIXES C and E Laboratory Analysis Results and Chain of Custody Forms to Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Imported From: 39144#\Heersharepoint1\facilitiesite%20documents\39144.pdf

iHEER System - Documents

Date : Sep 7, 2022
Document No: 202976
Type: Undetermined
Title: Figure for Request to Use A Construction Environmental Hazard Management Plan Addendum
Imported From:

iHEER System - Documents

Date : Apr 1, 2005
Document No: 46644
Type: Undetermined
Title: Limited Soil and Water Characterization Nimitz Hwy Rehabilitation and Water System, Honolulu HI
Imported From: 39143#\Heersharepoint1\facilitiesite%20documents\39143.pdf

iHEER System - Documents

Date : Sep 7, 2022
Document No: 202975
Type: Undetermined
Title: Request to Use A Construction Environmental Hazard Management Plan Addendum
Imported From:

iHEER System - Documents

Date : Jul 1, 2005
Document No: 46643
Type: Undetermined
Title: Review of Summary Report, Nimitz Hwy Rehabilitation Sumner St to Queen St
Imported From: 2005-329#Q:\2005 Final Correspondence (Day File)\05-329-CAC.pdf

iHEER System - Documents

Date : May 5, 2005
Document No: 28090
Type: Undetermined
Title: Summary Report for HEER Report Nos. 20030402-1320, 20030424-1504, 20030428-2140, 20030429-2320, 20030528-2215, 20031211-0835 and 200304021-1330
Imported From: 2769#\Heersharepoint1\facilitiesite%20documents\2769.pdf

iHEER System - Locations Details

Locations ID: 1098
Location Type: SC
Description: N Nimitz Queen to Sumner

Comment : Google Maps along N Nimitz between Sumner and Queen
Centroid: POINT (-157.86513800000003 21.312535999999987)
Geometry:

POINT (-157.86513800000003 21.312535999999987)

iHEER System - Locations Details

Locations ID: 3606
Location Type: SB
Description: N Nimitz Sumner to Queen
Comment : Google Maps
Centroid: POINT (-157.86514600776147 21.312383725332854)
Geometry:

POLYGON ((-157.86728343700045 21.315014474934639, -157.8662534687424 21.315454251672254, -157.86569556927157 21.315374292363764, -157.86539516186073 21.3151344141762, -157.86518058513357 21.314854555795169, -157.86496600841537 21.313895037297719, -157.86500892375722 21.31285551849967, -157.86505183910805 21.312015962078988, -157.86475143169724 21.311096405870511, -157.8641077015337 21.310176843903896, -157.86406478618292 21.309137332140512, -157.86406478618292 21.308857462331517, -157.86436519359376 21.308857462331517, -157.86436519359376 21.309697070157892, -157.86475143169724 21.310696597027189, -157.86522350048438 21.311776078405682, -157.86539516186073 21.31289553219581, -157.86556682323709 21.313535216244798, -157.86608180736607 21.313935017359732, -157.86706886028227 21.314014977452775, -157.86702594494042 21.314174897506568, -157.86633929943508 21.314094937501434, -157.86522350048438 21.313375295493575, -157.8652664158262 21.312975492854, -157.86522350048438 21.312615669548038, -157.86518058513357 21.313935017359732, -157.8652664158262 21.314534716992085, -157.86548099254441 21.315014474934639, -157.86573848461339 21.315254353318963, -157.86599597667342 21.315294333010883, -157.86646804546061 21.315214373615323, -157.86719760631675 21.31489453559594, -157.86728343700045 21.315014474934639))

Site Details

Centroid: POINT (-157.86513800000003 21.312535999999987)
Updated On: 8/7/2019 4:02:44 PM
Coordinates: 21.312535999999987,-157.86513800000003

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

Site: **Citizens Energy Services Pier 38**
Nimitz Hwy Honolulu HI 96817

SHWS

iHEER ID (Public iHEER): 2615
Site Name (Public iHEER): Citizens Energy Services Pier 38
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Gasco Pier 38 Propane Air Facility, Honolulu Harbor, Honolulu Harbor Iwilei District Participating Parties, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU1A, VRP-06 withdrawn
Street (Public iHEER): Nimitz Hwy
City (Public iHEER): Honolulu

State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 12/1/2020 10:45:42 AM
Ms Access ID (Public iHEER): 152
Suppl Loc (Public iHEER): Honolulu Harbor Pier 38
Tax Map Keys (Public iHEER): 115042007, 115042008, 115042009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2615
Site Name (PORTAL): Citizens Energy Services Pier 38
Loc Desc (PORTAL): Honolulu Harbor Pier 38
Address (PORTAL): Nimitz Hwy
 Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2615/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : May 4, 2007
Document No: 8503
Type: Undetermined
Title: Addendum to the Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-001 (por)
Imported From: 6246#\Heersharepoint1\facilitiesite%20documents\6246.pdf

iHEER System - Documents

Date : May 2, 2007
Document No: 7293
Type: Undetermined
Title: Addendum to the Baseline Environmental Investigation, Gas Company LLC, TMK 1-1-5-042-003 (por) and-001 (por), Honolulu HI
Imported From: 36770#\Heersharepoint1\facilitiesite%20documents\36770.pdf

iHEER System - Documents

Date : Sep 15, 2005
Document No: 7307
Type: Undetermined
Title: Additional Information Request for Phase II Environmental Investigation of Parcels 8 and 9 at Pier 38, TMK 1-1-5-042-008 & 009, Honolulu Harbor, Honolulu HI
Imported From: 36766#\Heersharepoint1\facilitiesite%20documents\36766.pdf

iHEER System - Documents

Date : Apr 9, 1997
Document No: 7296
Type: Undetermined
Title: Closure Report, Soil Contamination at the GASCO Inc Pier 38 Facility
Imported From: 36760#\Heersharepoint1\facilitiesite%20documents\36760.pdf

iHEER System - Documents

Date : Mar 24, 2009
Document No: 7312
Type: Undetermined
Title: Comments on "Revised Draft Phase II Investigation Work Plan" received Mar 16, 2009, prepared by Bureau Veritas North America Inc
Imported From: 2009-201#Q:\2009 Final Correspondence (Day File)\09-201-AF.pdf

iHEER System - Documents

Date : Nov 23, 2009
Document No: 7310
Type: Undetermined
Title: Comments on Soil Management Plan, Nov 3, 2009
Imported From: 2009-770#Q:\2009 Final Correspondence (Day File)\09-770-AF.pdf

iHEER System - Documents

Date : Jun 22, 2009
Document No: 3975
Type: Undetermined
Title: Draft Phase II Investigation Report, Property located at Pier 38, Honolulu Harbor, TMK 1-1-5-042-007 (por), Honolulu HI, Jun 18, 2009, prepared by Bureau Veritas North America Inc
Imported From: \facilitsite documents\media60123\20140919095438751.pdf

iHEER System - Documents

Date : Jun 22, 2009
Document No: 7294
Type: Undetermined
Title: Draft Phase II Investigation Report, Property located at Pier 38, Honolulu Harbor, TMK 1-1-5-042-007 (por), Honolulu HI, Jun 18, 2009, prepared by Bureau Veritas North America Inc
Imported From: 60124#\Heersharepoint1\facilitsite%20documents\60124.pdf

iHEER System - Documents

Date : Aug 5, 2005
Document No: 7306
Type: Undetermined
Title: Final Revised Work Plan for Phase II Environmental Investigation, Gas Company LLC, Pier 38, Honolulu Harbor, TMK 1-1-5-042-008 and 9, Honolulu HI
Imported From: 36764#\Heersharepoint1\facilitsite%20documents\36764.pdf

iHEER System - Documents

Date : Jan 30, 1997
Document No: 7319
Type: Undetermined
Title: Honolulu Harbor Technical Work Group Meeting on Jan 24, 1997
Imported From: 47635#\Heersharepoint1\facilitsite%20documents\47635.pdf

iHEER System - Documents

Date : Sep 6, 2005
Document No: 7295
Type: Undetermined
Title: Phase II Environmental Investigation (TMK 1-1-5-042-008 and 009) Pier 38, Honolulu Harbor, Honolulu HI
Imported From: 36762#\Heersharepoint1\facilitsite%20documents\36762.pdf

iHEER System - Documents

Date : Dec 12, 1994
Document No: 7304
Type: Undetermined

Title: Plan for an Environmental Site Assessment of Pier 38, Honolulu Harbor, Hawaii
Imported From: 126196#\Heersharepoint1\facilitiesite%20documents\126196.pdf

iHEER System - Documents

Date : Aug 17, 2005
Document No: 7297
Type: Undetermined
Title: Preliminary Soil Sampling Results for Phase II Investigation at the Gas Company LLC Property at Pier 38, TMK 1-1-5-042-008 and 9, Honolulu Harbor, Honolulu, Oahu
Imported From: 36765#\Heersharepoint1\facilitiesite%20documents\36765.pdf

iHEER System - Documents

Date : Jan 19, 2007
Document No: 7303
Type: Undetermined
Title: Review of Baseline Environmental Investigation, Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por), Sep 8, 2006, prepared by Clayton Group Services, Inc
Imported From: 2007-053#Q:2007 Final Correspondence (Day File)07-053-JP-.pdf

iHEER System - Documents

Date : Jul 18, 2005
Document No: 7291
Type: Undetermined
Title: Review of Comments on GASCO Pier 38 Revised Work Plan for Phase II Environmental Investigation, TMK 1-1-5-042-008 and 009, and the Jul 14, 2005 Proposed changes to the Revised Work Plan (e-mail) prepared by Clayton Group Services, Inc
Imported From: 2005-353#Q:2005 Final Correspondence (Day File)05-353-JP.pdf

iHEER System - Documents

Date : Apr 13, 2009
Document No: 7311
Type: Undetermined
Title: Revised Draft Phase II Investigation Work Plan
Imported From: 2009-233#Q:2009 Final Correspondence (Day File)09-233-AF.pdf

iHEER System - Documents

Date : Jul 1, 2005
Document No: 4920
Type: Undetermined
Title: Revised Work Plan for Phase II Environmental Investigation
Imported From: 2932#\Heersharepoint1\facilitiesite%20documents\2932.pdf

iHEER System - Documents

Date : Feb 4, 2005
Document No: 11258
Type: Undetermined
Title: Revocable Permit No H-03-2424 (the "Permit") Updated Closure Report
Imported From: 2554#\Heersharepoint1\facilitiesite%20documents\2554.pdf

iHEER System - Documents

Date : May 25, 2005
Document No: 14192
Type: Undetermined
Title: Revocable Permit No H-03-2424 Work Plan for Phase II Environmental Investigation
Imported From: 2818#\Heersharepoint1\facilitiesite%20documents\2818.pdf

iHEER System - Documents

Date : Apr 6, 2006
Document No: 7305
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por)
Imported From: 4051#\Heersharepoint1\facilitiesite%20documents\4051.pdf

iHEER System - Documents

Date : Apr 6, 2006
Document No: 26465
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and 001 (por)
Imported From: 4048#\Heersharepoint1\facilitiesite%20documents\4048.pdf

iHEER System - Documents

Date : Apr 4, 2006
Document No: 7302
Type: Undetermined
Title: Work Plan for Baseline Environmental Investigation the Gas Company LLC Pier 38, Honolulu Harbor, TMK 1-1-5-042-003 (por) and-001 (por), Honolulu HI
Imported From: 36768#\Heersharepoint1\facilitiesite%20documents\36768.pdf

iHEER System - Locations Details

Locations ID: 5807
Location Type: SB
Description:
Comment : Placed by RPM
Centroid: POINT (-157.87807559192441 21.318442175668313)
Geometry:

POLYGON ((-157.87779568815986 21.318580472115386, -157.87811755324168 21.318730392509838, -157.87835895205521 21.318313113698295, -157.87802904034126 21.318150699469172, -157.87779568815986 21.318580472115386))

iHEER System - Locations Details

Locations ID: 5808
Location Type: SC
Description:
Comment : Placed by RPM
Centroid: POINT (-157.878072 21.318431)
Geometry:

POINT (-157.878072 21.318431)

Site Details

Centroid: POINT (-157.878072 21.318431)
Updated On: 12/1/2020 10:45:42 AM
Coordinates: 21.318431,-157.878072

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU1A

iHEER System - Aliases

Name: Honolulu Harbor Iwilei District Participating Parties

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Gasco Pier 38 Propane Air Facility

iHEER System - Aliases

Name: VRP-06 withdrawn

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

Site: **Sause Brothers**
Alakea St Honolulu HI 96817

[SHWS](#)

iHEER ID (Public iHEER): 2644
Site Name (Public iHEER): Sause Brothers
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Low Priority Site, Honolulu Harbor, Honolulu Harbor Iwilei Unit, Honolulu Harbor Iwilei Unit OU3
Street (Public iHEER): Alakea St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96817
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 834
Suppl Loc (Public iHEER): Alakea St
Tax Map Keys (Public iHEER): 115039063
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2644
Site Name (PORTAL): Sause Brothers
Loc Desc (PORTAL): Alakea St
Address (PORTAL): Alakea St
Honolulu, HI 96817
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/2644/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Locations Details

Locations ID: 1148
Location Type: SC
Description: Pier 19
Comment : Google Maps and TMK 115039063
Centroid: POINT (-157.867834 21.312173)
Geometry:

POINT (-157.867834 21.312173)

Site Details

Centroid: POINT (-157.867834 21.312173)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.312173,-157.867834

iHEER System - Aliases

Name: Brownfields Low Priority Site

iHEER System - Aliases

Name: Honolulu Harbor

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit OU3

iHEER System - Aliases

Name: Honolulu Harbor Iwilei Unit

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

Site: **Kakaako Brownfield Project-Unit 2**
Koula St Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 294
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 2
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 2, Kakaako Makai, Kakaako Makai District Units 2 and 4
Street (Public iHEER): Koula St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 479
Suppl Loc (Public iHEER): Koula St
Tax Map Keys (Public iHEER): 121060002, 121060029
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):

Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 294
Site Name (PORTAL): Kakaako Brownfield Project-Unit 2
Loc Desc (PORTAL): Koula St
Address (PORTAL): Koula St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/294/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Feb 15, 2002
Document No: 183169
Type: Undetermined
Title: Demolition and Clearing of the Former GRG Enterprise Site, Kewalo Basin
Imported From:

iHEER System - Documents

Date : Aug 7, 2006
Document No: 9250
Type: Undetermined
Title: Kakaako Waterfront Units 2 and 4 - Draft Site Investigation Work Plan
Imported From: 5140#\Heersharepoint1\facilitiesite%20documents\5140.pdf

iHEER System - Documents

Date : Aug 7, 2006
Document No: 9251
Type: Undetermined
Title: Kakaako Waterfront Units 2 and 4 - Draft Site Investigation Work Plan
Imported From: \facilitiesite documents\media5140\TestAmerica QA Manual.pdf

iHEER System - Documents

Date : Jan 23, 2006
Document No: 14999
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Documents

Date : Jun 6, 2006
Document No: 9252
Type: Undetermined
Title: Phase I ESA, Units 2 and 4
Imported From: 4643#\Heersharepoint1\facilitiesite%20documents\4643.pdf

iHEER System - Locations Details

Locations ID: 1005
Location Type: SC
Description:
Comment : Centroid, ZIP 96814; eric.sadoyama; Primary;
Centroid: POINT (-157.861363 21.292031000000016)
Geometry:

POINT (-157.861363 21.292031000000016)

Site Details

Centroid: POINT (-157.861363 21.292031000000016)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.292031000000016,-157.861363

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 2

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Makai District Units 2 and 4

iHEER System - Aliases

Name: Kakaako Brownfield Project

Site: *Ala Wai Harbor Boat Repair Yard
Ala Moana Blvd Honolulu HI*

SHWS

iHEER ID (Public iHEER): 2706
Site Name (Public iHEER): Ala Wai Harbor Boat Repair Yard
Aliases (Public iHEER): Ala Wai Harbor, Ala Wai Harbor Boat Repair Facility, Aloha Marine, UST Facility ID 9-100167, SLR 3.2ft Flooding
Street (Public iHEER): Ala Moana Blvd
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER):
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): NFA
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2029
Suppl Loc (Public iHEER): Ala Moana Blvd, Ala Wai Harbor
Tax Map Keys (Public iHEER): 126010005, 126010016
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 2706

Site Name (PORTAL): Ala Wai Harbor Boat Repair Yard
Loc Desc (PORTAL): Ala Moana Blvd, Ala Wai Harbor
Address (PORTAL): Ala Moana Blvd
Honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): NFA
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/2706/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : May 13, 2013
Document No: 141593
Type: Undetermined
Title: Abandonment of Monitoring Well Summary Report, 05/13/2013 Ala Wai Harbor Boat Repair Facility
Imported From: 104947#\Heersharepoint1\facilitiesite%20documents\104947.pdf

iHEER System - Documents

Date : May 13, 2013
Document No: 141600
Type: Undetermined
Title: Abandonment of Monitoring Well Summary Report, Ala Wai Harbor Boat Repair Facility
Imported From: 105194#\Heersharepoint1\facilitiesite%20documents\105194.pdf

iHEER System - Documents

Date : Sep 2, 2010
Document No: 141596
Type: Undetermined
Title: Letter Report of the Results of Analysis of Samples Collected from Shallow Depth from Geotechnical Borings at the Former Boat Repair Site, Ala Wai Boat Harbor, Honolulu HI
Imported From: 96510#\Heersharepoint1\facilitiesite%20documents\96510.pdf

iHEER System - Documents

Date : Feb 7, 2011
Document No: 141597
Type: Undetermined
Title: Soil and Groundwater Investigation Former Boat Repair Site Ala Wai Boat Harbor Fuel Dock and Boat Repair Facilities, Honolulu HI Tetra Tech Project No T26836
Imported From: 96508#\Heersharepoint1\facilitiesite%20documents\96508.pdf

iHEER System - Locations Details

Locations ID: 1447
Location Type: SC
Description: Ala Wai Harbor Boat Yard
Comment : Google Maps and Doc 15243.
Centroid: POINT (-157.8407 21.287205999999994)
Geometry:

POINT (-157.8407 21.287205999999994)

Site Details

Centroid: POINT (-157.8407 21.287205999999994)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.287205999999994,-157.8407

iHEER System - Aliases

Name: Ala Wai Harbor

iHEER System - Aliases

Name: SLR 3.2ft Flooding

iHEER System - Aliases

Name: Ala Wai Harbor Boat Repair Facility

iHEER System - Aliases

Name: Aloha Marine, UST Facility ID 9-100167

Site: **Kakaako Brownfield Project-Unit 4**
Koula St Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 296
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 4
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Honolulu High-Capacity Transit Corridor Project, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 4, Kakaako Makai, Kakaako Makai District Units 2 and 4
Street (Public iHEER): Koula St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy Needed
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER): TRUE
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 481
Suppl Loc (Public iHEER): Koula St
Tax Map Keys (Public iHEER): 121060001, 121060028, 121060029
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 296
Site Name (PORTAL): Kakaako Brownfield Project-Unit 4
Loc Desc (PORTAL): Koula St
Address (PORTAL): Koula St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY NEEDED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/296/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 2006
Document No: 15001
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Locations Details

Locations ID: 1707
Location Type: SC
Description:
Comment : Centroid, ZIP 96814; eric.sadoyama; Primary;
Centroid: POINT (-157.861875 21.29260300000001)
Geometry:

POINT (-157.861875 21.29260300000001)

Site Details

Centroid: POINT (-157.861875 21.29260300000001)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.29260300000001,-157.861875

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 4

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Kakaako Makai District Units 2 and 4

Site: **Honolulu Seawater Air Conditioning Project**
Keawe St Honolulu HI 96813

SHWS

iHEER ID (Public iHEER): 283
Site Name (Public iHEER): Honolulu Seawater Air Conditioning Project
Aliases (Public iHEER): Brownfields High Priority Site, Construction EHMP, Honolulu High-Capacity Transit Corridor Project, Kakaako Makai, Shoreline Special Management Area
Street (Public iHEER): Keawe St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96813
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu
Status (Public iHEER): Remedy In Place
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): State
Assigned Rpm (Public iHEER):

Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 2057
Suppl Loc (Public iHEER): Keawe St, Shoreline to Auahi St
Tax Map Keys (Public iHEER): 121059012, 121059027, 121060008, 121060009
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 283
Site Name (PORTAL): Honolulu Seawater Air Conditioning Project
Loc Desc (PORTAL): Keawe St, Shoreline to Auahi St
Address (PORTAL): Keawe St
 Honolulu, HI 96813
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY IN PLACE
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/283/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 18, 2012
Document No: 140581
Type: Undetermined
Title: Approval of the EHMP for the Honolulu Seawater Air Conditioning Project
Imported From: 2012-019#Q:2012 Final Correspondence (Day File)\12-019-MGC.pdf

iHEER System - Documents

Date : Dec 15, 2011
Document No: 183057
Type: Undetermined
Title: CONTINUED DOCS : EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011
Imported From:

iHEER System - Documents

Date : Nov 17, 2011
Document No: 140587
Type: Undetermined
Title: Draft EHMP, Honolulu Sea Water Air Conditioning Project: Pipeline and Jacking Shaft within SMA, Kakaako, Honolulu HI, Nov 2011
Imported From: 96730#\Heersharepoint1\facilysite%20documents\96730.pdf

iHEER System - Documents

Date : Feb 2, 2012
Document No: 140586
Type: Undetermined
Title: EHMP Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area Kakaako, Honolulu HI Revised Jan 19, 2011
Imported From: 97793#\Heersharepoint1\facilysite%20documents\97793.pdf

iHEER System - Documents

Date : Dec 15, 2011
Document No: 140589
Type: Environmental Hazard Management Plan
Title: EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011

Imported From: \facilitysite documents\media97317\20120103083101374.pdf

iHEER System - Documents

Date : Dec 31, 2011
Document No: 140590
Type: Undetermined
Title: EHMP, Construction of Honolulu Seawater Air Conditioning Project Facilities within the Special Management Area, Kakaako, Honolulu HI Dec 2011
Imported From: \facilitysite documents\media97317\20120103083302142.pdf

iHEER System - Documents

Date : Sep 30, 2009
Document No: 140574
Type: Phase I Environmental Site Assessment
Title: Phase I ESA, HSWAC Project Pipeline Keawe St from Shoreline to Auahi St, Honolulu, Oahu, Sep 2009
Imported From: 96731#\Heersharepoint1\facilitysite%20documents\96731.pdf

iHEER System - Documents

Date : Feb 1, 2012
Document No: 140578
Type: Undetermined
Title: Revise EHMP for HSWAC Project within the SMA
Imported From: 113337#\Heersharepoint1\facilitysite%20documents\113337.pdf

iHEER System - Locations Details

Locations ID: 3314
Location Type: SC
Description: Honolulu Seawater AC
Comment : Google Earth
Centroid: POINT (-157.86603299999996 21.294657000000004)
Geometry:

POINT (-157.86603299999996 21.294657000000004)

iHEER System - Locations Details

Locations ID: 7104
Location Type: EHMP
Description: EHMP Pumping /Cooling Sta
Comment : Google Maps and Doc 140590
Centroid: POINT (-157.8627678150973 21.297257839653742)
Geometry:

POLYGON ((-157.86283580685463 21.297612272956037, -157.86313621426541 21.297367367693209, -157.86265341663835 21.296877555943315, -157.86248711968642 21.297027498489019, -157.86257295037012 21.297097471624934, -157.86243347550464 21.297212427418184, -157.86283580685463 21.297612272956037))

iHEER System - Locations Details

Locations ID: 7105
Location Type: EHMP
Description: EHMP Temp. Jacking Shaft
Comment : Google Maps and Doc 140589
Centroid: POINT (-157.86645191848029 21.294633368821138)
Geometry:

POLYGON ((-157.86644337798339 21.29474793878013, -157.8663709583474 21.294715450737222, -157.86641923810473 21.294620485649656, -157.86644069577565 21.294518023248852, -157.86652384426057 21.294548012251628, -157.86649433995746 21.294657971875825, -157.86644337798339 21.29474793878013))

iHEER System - Locations Details

Locations ID: 7106
Location Type: EHMP
Description: EHMP Temp Pipe Staging
Comment : Google Maps and Doc 140589
Centroid: POINT (-157.88544608369716 21.304260594457272)
Geometry:

POLYGON ((-157.88252322104137 21.303491959274169, -157.88149325278337 21.30307213822876, -157.8819224062197 21.301592759269642, -157.88233010199411 21.30157276756038, -157.88353173162847 21.301892634586483, -157.8849693956609 21.301292883340825, -157.8895398798272 21.309069467893213, -157.88887469199278 21.309429299887114, -157.88494793798998 21.302872223023911, -157.88430420782646 21.302732282217917, -157.88252322104137 21.303491959274169))

Site Details

Centroid: POINT (-157.86603299999996 21.294657000000004)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.294657000000004,-157.86603299999996

iHEER System - Aliases

Name: Honolulu High-Capacity Transit Corridor Project

iHEER System - Aliases

Name: Brownfields High Priority Site

iHEER System - Aliases

Name: Construction EHMP

iHEER System - Aliases

Name: Kakaako Makai

iHEER System - Aliases

Name: Shoreline Special Management Area

Site: *Nimitz highway 16-Inch Water Main, Waiakamilo Road to Sumner Street*
Nimitz Hwy honolulu HI

SHWS

iHEER ID (Public iHEER):
Site Name (Public iHEER):
Aliases (Public iHEER):
Street (Public iHEER):
City (Public iHEER):
State (Public iHEER):
Zip (Public iHEER):
County (Public iHEER):
Island (Public iHEER):
Status (Public iHEER):
Lead Agency (Public iHEER):
Program (Public iHEER):
Assigned Rpm (Public iHEER):
Is Public (Public iHEER):
Updated on (Public iHEER):
Ms Access ID (Public iHEER):
Suppl Loc (Public iHEER):
Tax Map Keys (Public iHEER):
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):

Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 3245
Site Name (PORTAL): Nimitz highway 16-Inch Water Main, Waiakamilo Road to Sumner Street
Loc Desc (PORTAL): Nimitz Highway, Waiakamilo Road to Sumner Street
Address (PORTAL): Nimitz Hwy
honolulu, HI —
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): ASSESSMENT
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): State
Assigned Rpm (PORTAL): —
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer#!/site/3245/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023)

iHEER System - Documents

Date : Sep 7, 2022
Document No: 201868
Type: Undetermined
Title: Nimitz Highway 16-Inch WM SOW
Imported From:

iHEER System - Documents

Date : Sep 7, 2022
Document No: 201869
Type: Undetermined
Title: Nimitz Highway 16-Inch WM SOW Map
Imported From:

iHEER System - Documents

Date : Sep 7, 2022
Document No: 201867
Type: Undetermined
Title: Nimitz Highway 16-Inch WM SOW Submission
Imported From:

iHEER System - Locations Details

Locations ID: 11331
Location Type: SC
Description: Waiakamilo-Sumner
Comment : From Doc 201868.
Centroid: POINT (-157.874963 21.316603999999991)
Geometry:

POINT (-157.874963 21.316603999999991)

Site: **Kakaako Brownfield Project-Unit 5**
Ahui St Honolulu HI 96814

SHWS

iHEER ID (Public iHEER): 297
Site Name (Public iHEER): Kakaako Brownfield Project-Unit 5
Aliases (Public iHEER): 1% flood risk with SLR 3.2ft, Brownfields Funded, Kakaako Brownfield Project, Kakaako Brownfield Project - Unit 5, Kakaako Makai
Street (Public iHEER): Ahui St
City (Public iHEER): Honolulu
State (Public iHEER): HI
Zip (Public iHEER): 96814
County (Public iHEER): Honolulu
Island (Public iHEER): Oahu

Status (Public iHEER): Remedy Selected
Lead Agency (Public iHEER): HEER Office
Program (Public iHEER): SRP
Assigned Rpm (Public iHEER):
Is Public (Public iHEER): TRUE
Updated on (Public iHEER): 5/30/2019 8:35:41 PM
Ms Access ID (Public iHEER): 482
Suppl Loc (Public iHEER): Ahui St
Tax Map Keys (Public iHEER): 121058006
iHEER ID (Non Public iHEER):
Site Name (Non Public iHEER):
Address (Non Public iHEER):
City State Zip (Non Public):
Suppl Loc Text(Non Public):
iHEER ID (PORTAL): 297
Site Name (PORTAL): Kakaako Brownfield Project-Unit 5
Loc Desc (PORTAL): Ahui St
Address (PORTAL): Ahui St
Honolulu, HI 96814
County (PORTAL): Honolulu
Island (PORTAL): Oahu
Status (PORTAL): REMEDY SELECTED
Priority (PORTAL): Unranked
Lead Agency (PORTAL): HEER Office
Program (PORTAL): SRP
Assigned Rpm (PORTAL): Melody Calisay
Details URL (PORTAL): <https://eha-cloud.doh.hawaii.gov/iheer/#!/site/297/details/view>
Data Source(s): iHEER Environmental Health PORTAL Locations (January 2023); Public Sites in IHEER (11/22/2022)

iHEER System - Documents

Date : Jan 23, 2006
Document No: 15002
Type: Undetermined
Title: Phase I ESA Kakaako Waterfront Redevelopment Property
Imported From: 38384#\Heersharepoint1\facilitiesite%20documents\38384.pdf

iHEER System - Locations Details

Locations ID: 1708
Location Type: SC
Description:
Comment : Centroid, ZIP 96814; eric.sadoyama; Primary;
Centroid: POINT (-157.859125 21.294655000000009)
Geometry:

POINT (-157.859125 21.294655000000009)

Site Details

Centroid: POINT (-157.859125 21.294655000000009)
Updated On: 5/30/2019 8:35:41 PM
Coordinates: 21.294655000000009,-157.859125

iHEER System - Aliases

Name: Kakaako Brownfield Project - Unit 5

iHEER System - Aliases

Name: 1% flood risk with SLR 3.2ft

iHEER System - Aliases

Name: Kakaako Brownfield Project

iHEER System - Aliases

Name: Brownfields Funded

iHEER System - Aliases

Name: Kakaako Makai

Site: **HART Boring 616**
Nimitz Hwy near Hawaii All-Star Paintball Games Honolulu HI

SPILLS

Case No: 20130719-1311
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HART Boring 616
Address 1: Nimitz Hwy
Address 2: near Hawaii All-Star Paintball Games
Location (EHA):
EP&R Envir Interest: HART boring 616
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: TC
Activity End Dt:
Activity Result: SOSC NFA
Substances: petroleum odors

Less/Greater than:
Numerical Qty: 0
Units:

Site: **Unknown sheen NRC 829884**
Ala Moana Blvd Honolulu HI

SPILLS

Case No: 20070321-1153
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt: 829884
Lead and Program: HEER EP&R
Coordinatn Needed: No -
Facility Site Name: Unknown sheen NRC 829884
Address 1: Ala Moana Blvd
Address 2:
Location (EHA):
EP&R Envir Interest: Unknown Sheen Slip 60 and 61 Ala Wai Harbor
Organization:
Supplemental Location: Ala Wai Yacht Harbor Slip 60 & 61

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Anna Fernandez
Activity End Dt: 3/30/2007
Activity Result: SOSC NFA
Substances: Unknown

Less/Greater than:
Numerical Qty: 1
Units: Ounces

Site: **HART**
right off Nimitz Hwy, mauka side across Nuuanu Stream Honolulu HI

SPILLS

Case No: 20131211-0915
Location Island: Oahu

Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HART
Address 1: right off Nimitz Hwy, mauka side
Address 2: across Nuuanu Stream
Location (EHA):
EP&R Envir Interest: HART
Organization:
Supplemental Location:

City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result:
Substances: Olfactory evidence or PID reading >1 ppm

Less/Greater than:
Numerical Qty: 0
Units:

Site: **HART parking lot near Nimitz and River**
Parking lot on Nimitz Hwy Mauka side Diamond Head of River Street Honolulu HI

SPILLS

Case No: 20121128-1609
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HART parking lot near Nimitz and River
Address 1: Parking lot on Nimitz Hwy
Address 2: Mauka side Diamond Head of River Street
Location (EHA):
EP&R Envir Interest: HART parking lot near Nimitz and River
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead:
Activity End Dt:
Activity Result:
Substances: Petroleum

Less/Greater than:
Numerical Qty: 0
Units: Unknown

Site: **Nimitz Highway, near City Mill**
Nimitz Hwy Honolulu HI

SPILLS

Case No: 19901204
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed:
Facility Site Name: Nimitz Highway, near City Mill
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Nimitz Hwy, Near City Mill
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead:
Activity End Dt:
Activity Result: SOSC NFA
Substances: BROWN SMELLY SUBSTANCE(SEWAGE)?
Less/Greater than:
Numerical Qty:
Units:

Site: **HART Discovery by Nimitz Hwy**
Nimitz Hwy Honolulu HI

SPILLS

Case No: 20140401-0922
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HART Discovery by Nimitz Hwy
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Hart Discovery by Nimitz Hwy
Organization:
Supplemental Location:
Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type:
Activity Lead:
Activity End Dt:
Activity Result:
Substances: Petroleum
Less/Greater than:
Numerical Qty: 0
Units: Unknown

Site: **Trespassing 956243**
9650 N Nimitz Hwy Honolulu HI 96817

SPILLS

Case No: 20101006-2000
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt: 956243
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: Trespassing 956243
Address 1: 9650 N Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Trespassing 956243
Organization:
Supplemental Location:
Location Island: Oahu
City: Honolulu
Zip: 96817
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result:
Substances:
Less/Greater than:
Numerical Qty:
Units:

Site: **First Hawaiian Center, Tank Removal**
99 Bishop St Honolulu HI 96813

SPILLS

Case No: 19940409-1
Case No (EHA):
HID No:
Fac Registry ID: 110013780729
NRC Incident Reprt:
Location Island: Oahu
City: Honolulu
Zip: 96813
Island Name (EHA):
City (EHA):

Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed:
Facility Site Name: First Hawaiian Center, Tank Removal
Address 1: 99 Bishop St
Address 2:
Location (EHA):
EP&R Envir Interest: First Hawaiian Center
Organization: First Hawaiian Bank
Supplemental Location:

Spill Information

Activity Type: Response **Less/Greater than:**
Activity Lead: Terry Corpus **Numerical Qty:**
Activity End Dt: 1/31/2017 **Units:**
Activity Result: Closed Incomplete Documentation
Substances:

Site: Fishing vessel-owner Leo Ohai
Nimitz Hwy Honolulu HI 96817

SPILLS

Case No: 20000726-0720 **Location Island:** Oahu
Case No (EHA): **City:** Honolulu
HID No: **Zip:** 96817
Fac Registry ID: **Island Name (EHA):**
NRC Incident Reprt: 536620 **City (EHA):**
Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed: No
Facility Site Name: Fishing vessel-owner Leo Ohai
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Fishing vessel-owner Leo Ohai
Organization:
Supplemental Location:

Spill Information

Activity Type: Response **Less/Greater than:**
Activity Lead: Bill Perry **Numerical Qty:**
Activity End Dt: **Units:**
Activity Result: SOSOC NFA
Substances:

Site: Ala Moana Boulevard, C&C truck leaking liquid
Ala Moana Blvd Honolulu HI 96814

SPILLS

Case No: 19951025 **Location Island:** Oahu
Case No (EHA): **City:** Honolulu
HID No: **Zip:** 96814
Fac Registry ID: **Island Name (EHA):**
NRC Incident Reprt: **City (EHA):**
Lead and Program: HEER EP&R **Zip Code (EHA):**
Coordinatn Needed: No
Facility Site Name: Ala Moana Boulevard, C&C truck leaking liquid
Address 1: Ala Moana Blvd
Address 2:
Location (EHA):
EP&R Envir Interest: Ala Moana Blvd, C&C truck leaking liquid
Organization:
Supplemental Location:

Spill Information

Activity Type: Response **Less/Greater than:**
Activity Lead: Chris Takeno **Numerical Qty:**
Activity End Dt: **Units:**

Activity Result: SOSC NFA
Substances: Water

Site: Nimitz Hwy BWS Black Oil Release
Nimitz Hwy Honolulu HI

SPILLS

Case No:	20060619-0908	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	Nimitz Hwy BWS Black Oil Release		
Address 1:	Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Nimitz Hwy. BWS Black Oil Release		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Curtis Martin	Numerical Qty:	
Activity End Dt:		Units:	
Activity Result:			
Substances:			

Site: C&C HONOLULU SEWER
C&C Hono Sewer along Mauka side Nimitz Hwy Honolulu HI 96813

SPILLS

Case No:	20080403-0705	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96813
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	Off Scene		
Facility Site Name:	C&C HONOLULU SEWER		
Address 1:	C&C Hono Sewer along Mauka side Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Nimitz Sewer Black oil		
Organization:	City and County of Honolulu, Department of Environmental Services, Wastewater Treatment and Disposal		
Supplemental Location:	Maunakea and Smith St intersection to Nuuanu		

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Mike Cripps	Numerical Qty:	
Activity End Dt:	4/3/2008	Units:	Unknown
Activity Result:	Hono Harbor		
Substances:	Black Oil		

Site: HART Trenches C102, C103, C104, C105, C106, C108, C109, C110, C111, C113, C115
Nimitz Hwy Honolulu HI

SPILLS

Case No:	20121126-1706	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	None		
Facility Site Name:	HART Trenches C102, C103, C104, C105, C106, C108, C109, C110, C111, C113, C115		
Address 1:	Nimitz Hwy		

Address 2:

Location (EHA):

EP&R Envir Interest: HART Trenches C102, C103, C104, C105, C106, C108, C109, C110, C111, C113, C115

Organization:

Supplemental Location:

Spill Information

Activity Type: Response
Activity Lead: Curtis Martin
Activity End Dt:
Activity Result:
Substances: Unkown

Less/Greater than:
Numerical Qty:
Units:

Site: **Nimitz Highway**
Nimitz Hwy Honolulu HI 96817

SPILLS

Case No: 19940801
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed:
Facility Site Name: Nimitz Highway
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Nimitz Highway
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip: 96817
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead:
Activity End Dt:
Activity Result: SOSC NFA
Substances: Black Oil

Less/Greater than:
Numerical Qty: 10
Units: Gallons

Site: **HART Boring CC 076**
N Nimitz Hwy North of River Street Honolulu HI

SPILLS

Case No: 20140512-0815
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: HART Boring CC 076
Address 1: N Nimitz Hwy
Address 2: North of River Street
Location (EHA):
EP&R Envir Interest: HART Boring CC 076
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result:
Substances: Olfactory evidence or PID reading >1 ppm

Less/Greater than:
Numerical Qty: 0
Units:

Site: Nimitz Highway, near Pier 34
Nimitz Hwy Honolulu HI

SPILLS

Case No:	19880114	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	Nimitz Highway, near Pier 34		
Address 1:	Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Nimitz Hwy, Near Pier 34		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	1200
Activity End Dt:		Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	OIL, Diesel		

Site: HECO Release near Zippys Nimitz
N Nimitz Hwy Honolulu HI

SPILLS

Case No:	20081029-0747	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:	HECO Release near Zippys Nimitz		
Address 1:	N Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	HECO Release Near Zippys Nimitz		
Organization:	Hawaiian Electric Co., Inc. (HECO)		
Supplemental Location:	Near 634 N Nimitz Hwy		

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:	Anna Fernandez	Numerical Qty:	0
Activity End Dt:	10/29/2008	Units:	
Activity Result:	SOSC NFA		
Substances:	Oil		

Site: Alakea and Bishop Streets, Honolulu HI

SPILLS

Case No:		Location Island:	
Case No (EHA):	20150830-1046	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Alakea and Bishop Streets, Honolulu		
EP&R Envir Interest:			
Organization:			

Supplemental Location:

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Incident Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Air	Is Notificat Valid:	Unknown
Reported On:	2015-08-30T20:46:00.0000000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:		Affiliated Org:	
Coordinatn Needed:		Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	
Is Cost Rcovery:			
Release Name:	Hawaiian Electric underground electrical fire		
Location:	Alakea and Bishop Streets, Honolulu		
Assigned SOSC:	elizabeth.galvez@doh.hawaii.gov		
NRC Incident Rpt No:			
Release Duration:			
Notified Agencies:			
Response Measure Taken:			
BC State Activity:			
Invoice To:			
Status Comment:			
Summary:			

An electrical short in a cable caused the fire. The underground electrical fire shut downtown from Fort Street Mall to Richards Street. Most of the surrounding businesses were closed.

iHEER System - Substance Information

Incident:		Actual Amount:	
Case No:	20150830-1046	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	Unlisted
Reported Amount:		Category:	
Reported Amt Unit:		Description:	
Name:	Odor		

Site: *Honolulu Harbor Pier 17, sheen sighting*
N Nimitz Hwy Honolulu Harbor Honolulu HI 96817

SPILLS

Case No:	20050823-1601	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	96817
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:	770119	City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Honolulu Harbor Pier 17, sheen sighting		
Address 1:	N Nimitz Hwy		
Address 2:	Honolulu Harbor		
Location (EHA):			
EP&R Envir Interest:	Oil Sheen fronting Pier 17		
Organization:			
Supplemental Location:	Honolulu Harbor Pier 17		

Spill Information

Activity Type: Response
Activity Lead: Paul Chong
Activity End Dt: 8/23/2005
Activity Result: SOSC NFA
Substances: Sheen

Less/Greater than: <
Numerical Qty: 1
Units: Ounces

Site: *Honolulu Harbor Pier 17, sheen sighting
N Nimitz Hwy Honolulu Harbor Honolulu HI 96817*

SPILLS

Case No: 19970730-0855
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt: 397311
Lead and Program: HEER EP&R
Coordinatn Needed: No
Facility Site Name: Honolulu Harbor Pier 17, sheen sighting
Address 1: N Nimitz Hwy
Address 2: Honolulu Harbor
Location (EHA):
EP&R Envir Interest: Honolulu Harbor Pier 17, sheen sighting
Organization:
Supplemental Location: Honolulu Harbor Pier 17

Location Island: Oahu
City: Honolulu
Zip: 96817
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Terry Corpus
Activity End Dt:
Activity Result: SOSC NFA
Substances: Oil

Less/Greater than:
Numerical Qty:
Units:

Site: *Pier 32-35 (Honolulu Harbor) Entrance Canal
Pier 32 State access road off Nimitz Hwy Adjacent to Chevron Terminal Loading Rack Honolulu HI*

SPILLS

Case No: 20100729-1005
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: None
Facility Site Name: Pier 32-35 (Honolulu Harbor) Entrance Canal
Address 1: Pier 32 State access road off Nimitz Hwy
Address 2: Adjacent to Chevron Terminal Loading Rack
Location (EHA):
EP&R Envir Interest: Piers 32 - 35 canal black oil release
Organization: Iwilei District Participating Parties, LLC
Supplemental Location: C&C Honolulu storm drain canal adjacent to Chevron

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result:
Substances: Oil

Less/Greater than:
Numerical Qty: 0
Units:

Site: *Pier 32-35 (Honolulu Harbor) Entrance Canal
Pier 32 State access road off Nimitz Hwy Adjacent to Chevron Terminal Loading Rack Honolulu HI*

SPILLS

Case No: 20060331-1000
Case No (EHA):
HID No:

Location Island: Oahu
City: Honolulu
Zip:

Environmental sampling of the HART Nimitz staging under viaduct found elevated levels of Lead. The area was considered as 1 Decision Unit. A 30-increment sample was procured. Parameters tested: TCLP, TPH, PCB, pesticides, and RCRA metals. The property is owned by HI DOT.

iHEER System - Substance Information

Incident:		Actual Amount:	360 PPM
Case No:	20191106-1036	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfacc:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	360 PPM	Category:	Chemical
Reported Amt Unit:		Description:	
Name:	Lead		

Site: **Nimitz Highway (Makai side) across Hilo Hatties Honolulu HI** SPILLS

Case No:		Location Island:	
Case No (EHA):	20160616-1613	City:	
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	Oahu
NRC Incident Reprt:		City (EHA):	Honolulu
Lead and Program:		Zip Code (EHA):	
Coordinatn Needed:			
Facility Site Name:			
Address 1:			
Address 2:			
Location (EHA):	Nimitz Highway (Makai side) across Hilo Hatties		
EP&R Envir Interest:			
Organization:			
Supplemental Location:			

iHEER System - Additional Information

Status:	NFA	Is Drill:	false
Inciden Substances:		Is Fugitive Dumpin:	
Prim Media Impactd:	Storm Drain	Is Notificat Valid:	Unknown
Reported On:	2016-06-17T02:13:25.0770000	Is Rprt Noteworthy:	false
Actual Release On:		Is RMP:	
Followup Recvd On:		Is Tier Two Facili:	
Closed On:	2016-06-17T00:00:00.0000000	Affiliated Org:	
Coordinatn Needed:	None	Caller is Anonym:	false
Water Body:		Caller Name:	
BC St Inciden Type:		Caller Phone:	
BC State Cause Typ:		Tax Map Key:	
BC State Cause:		Island ID:	8
BC State Source Ty:		County Code:	OA
BC State Source:		County:	Honolulu
Is BC State:	false	State:	HI
Is Cost Rovery:			
Release Name:	Oily wash water released into storm drain, Nimitz Highway		
Location:	Nimitz Highway (Makai side) across Hilo Hatties		
Assigned SOSC:	terence.corpus@doh.hawaii.gov		
NRC Incident Rpt No:			
Release Duration:			
Notified Agencies:	CWB		
Response Measure Taken:			
BC State Activity:			
Invoice To:			
Status Comment:	storm drain cleaned out		
Summary:			

While cleaning sewer line, oily wash water entered storm drain. Storm drain was not plugged and oily water headed to Honolulu Harbor pier 24 area. PCS hired to pump storm drain of oily water.

iHEER System - Substance Information

Incident:		Actual Amount:	Unknown
Case No:	20160616-1613	Actual Amount Unit:	
Substance ID:		Potential Amount:	
Substance Category:		Potential Amt Unit:	
Subst Reportab Qty:		Enviromntl Release:	No
Substance Name:		Impermeable Surfac:	
Total Spilled:		Recovered:	
Spilled Water:		Unk Volume Spilled:	
Spilled Soil:		Is BC State:	
Reported Amount:	150 Gallons	Category:	Oil
Reported Amt Unit:		Description:	
Name:	Oily Water Mixture		

iHEER System - Documents

Document No:	171856	Type:	30-Day Follow-up
Date:	Jul 14, 2016	Imported From:	
Title:	written report		
Document No Url:	https://eha-cloud.doh.hawaii.gov/iheer/api/documents/171856/download		

Site: *Nimitz Highway, close to the Airport*
Nimitz Hwy Honolulu HI

[SPILLS](#)

Case No:	19960517-1355	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:		Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	No		
Facility Site Name:	Nimitz Highway, close to the Airport		
Address 1:	Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	Nimitz Hwy, close to the airport		
Organization:			
Supplemental Location:			

Spill Information

Activity Type:	Response	Less/Greater than:	
Activity Lead:		Numerical Qty:	15
Activity End Dt:		Units:	Gallons
Activity Result:	SOSC NFA		
Substances:	Gasoline		

Site: *State Dept of Transportation propane cylinder*
Nimitz Hwy Honolulu HI

[SPILLS](#)

Case No:	19981022-1350	Location Island:	Oahu
Case No (EHA):		City:	Honolulu
HID No:		Zip:	
Fac Registry ID:	110013777948	Island Name (EHA):	
NRC Incident Reprt:		City (EHA):	
Lead and Program:	HEER EP&R	Zip Code (EHA):	
Coordinatn Needed:	Yes		
Facility Site Name:	State Dept of Transportation propane cylinder		
Address 1:	Nimitz Hwy		
Address 2:			
Location (EHA):			
EP&R Envir Interest:	State Dept. of Transportation propane cylinder		
Organization:	State of Hawaii, Department of Transportation, Highways Division		
Supplemental Location:	Baseyard on Nimitz Hwy (under H-1 viaduct)		

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt: 1/31/2017
Activity Result: Closed Incomplete Documentation
Substances: Propane

Less/Greater than:
Numerical Qty:
Units:

Site: *Nimitz Highway, abandoned batteries*
Nimitz Hwy Honolulu HI

SPILLS

Case No: 19971010-1000
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed:
Facility Site Name: Nimitz Highway, abandoned batteries
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Nimitz Hwy, abandoned batteries
Organization:
Supplemental Location:

Location Island: Oahu
City: Honolulu
Zip:
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Liz Galvez
Activity End Dt:
Activity Result: SOSOC NFA
Substances: Batteries

Less/Greater than:
Numerical Qty: 37
Units: Each

Site: *Nimitz Highway, black sludge C&C truck*
Nimitz Hwy Honolulu HI 96819

SPILLS

Case No: 19991030-1206
Case No (EHA):
HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: Off Scene
Facility Site Name: Nimitz Highway, black sludge C&C truck
Address 1: Nimitz Hwy
Address 2:
Location (EHA):
EP&R Envir Interest: Nimitz Hwy, black sludge C&C truck
Organization:
Supplemental Location: Nimitz Hwy by Kalihi St

Location Island: Oahu
City: Honolulu
Zip: 96819
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Terry Corpus
Activity End Dt:
Activity Result: SOSOC NFA
Substances: Sludge

Less/Greater than:
Numerical Qty:
Units:

Site: *Crystal Harmony, Pier 1*
Aloha Towers Pier 1 Honolulu HI 96817

SPILLS

Case No: 20040523-0900
Case No (EHA):

Location Island: Oahu
City: Honolulu

HID No:
Fac Registry ID:
NRC Incident Reprt:
Lead and Program: HEER EP&R
Coordinatn Needed: No
Facility Site Name: Crystal Harmony, Pier 1
Address 1: Aloha Towers Pier 1
Address 2:
Location (EHA):
EP&R Envir Interest: Hydraulic Oil Discharge
Organization: Waldron Steamship Company, Ltd.
Supplemental Location:

Zip: 96817
Island Name (EHA):
City (EHA):
Zip Code (EHA):

Spill Information

Activity Type: Response
Activity Lead: Paul Chong
Activity End Dt: 5/25/2004
Activity Result: SOSC NFA
Substances: Hydraulic Oil

Less/Greater than:
Numerical Qty: 1
Units: Liters

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

SEMS List 8R Active Site Inventory:

SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Sep 19, 2023

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Sep 19, 2023

Comprehensive Environmental Response, Compensation and Liability Information System -

[CERCLIS](#)

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 2, 2023

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 2, 2023

RCRA Generator List:[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 2, 2023

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 2, 2023

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Oct 2, 2023

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 2, 2023

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 2, 2023

Federal Engineering Controls-ECs:[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 26, 2023

Federal Institutional Controls- ICs:[FED INST](#)

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 26, 2023

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Oct 26, 2023

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Aug 12, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Mar 13, 2023

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: May 2, 2023

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Sep 22, 2023

LIEN on Property:

[SEMS LIEN](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Sep 19, 2023

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Sep 19, 2023

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

HEER Sites of Interest:

[SHWS](#)

A listing of facilities, sites or areas in which Hazard Evaluation and Emergency Response (HEER) Office has an interest, has investigated, or may investigate under HRS 128D (including CERCLIS sites). This list includes sites for which the SDAR section has an environmental interest, including military sites and older, inactive sites that have insufficient available information to make regulatory determinations about closure. Includes records from the iHEER interactive map viewer made available by the Hawaii Department of Health HEER Office. This database is state equivalent CERCLIS.

Government Publication Date: Aug 11, 2023

Delisted HEER Sites of Interest:

[DELISTED SHWS](#)

This database contains a list of Hazard Evaluation and Emergency Response sites that were removed from the Hawaii Department of Health's Hazard Evaluation and Emergency Response (HEER) Office.

Government Publication Date: Aug 11, 2023

Landfill sites on the Hawaii Islands:

[SWF/LF](#)

A list of active Solid Waste Facilities, Landfills & Transfer Stations on Hawaii Islands. This list has been made available by Hawaii Department of Health Solid and Hazardous Waste Branch.

Government Publication Date: Nov 29, 2023

Leaking Underground Storage Tanks:

LUST

This list of Leaking Underground Storage Tanks (LUST) is made available by the Hawaii Department of Health (DOH), Solid and Hazardous Waste Branch's UST Section/UST Release Response.

Government Publication Date: Jul 17, 2023

Delisted Leaking Underground Storage Tanks:

DELISTED LUST

This database contains a list of closed Leaking Underground Storage Tanks that were removed from the Hawaii Department of Health Solid and Hazardous Waste Branch.

Government Publication Date: Jul 17, 2023

Underground Storage Tanks:

UST

This list of registered Underground Storage Tanks (UST) is made available by the Hawaii Department of Health (DOH), Solid and Hazardous Waste Branch's UST Section.

Government Publication Date: Jul 17, 2023

Delisted Sotrage Tank:

DTNK

This database contains a list of registered Underground Storage Tanks in the state of Hawaii that were removed from the Hawaii Department of Health Solid and Hazardous Waste Branch storage tank database.

Government Publication Date: Jul 17, 2023

Facilities with Engineering Controls:

ENG

A list of sites having Engineering Controls registered with Hazard Evaluation and Emergency Response (HEER) Office. This list has been made available by Hawaii Department of Health HEER Office.

Government Publication Date: Jun 5, 2019

Facilities with Institutional Controls:

INST

A list of sites having Institutional Controls registered with Hazard Evaluation and Emergency Response (HEER) Office. This list has been made available by Hawaii Department of Health HEER Office.

Government Publication Date: Jun 5, 2019

Voluntary Response Program List:

VCP

A list of sites registered under the Voluntary Response Program with the Hazard Evaluation and Emergency Response (HEER) Office. Includes records from iHEER interactive map viewer made available by the Hawaii Department of Health HEER Office.

Government Publication Date: Aug 11, 2023

Brownfields Sites:

BROWNFIELDS

A list of brownfields sites registered with Hazard Evaluation and Emergency Response (HEER) Office in the state of Hawaii. This list has been made available by Hawaii Department of Health HEER Office.

Government Publication Date: Aug 11, 2023

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes Hawaii, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Hawaii, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Dec 31, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes Hawaii, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Hawaii, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Dec 31, 2017

Delisted Tribal Leaking Storage Tanks:

[DELISTED INDIAN LST](#)

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks:

[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Sep 8, 2023

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 14, 2023

Federal Agency Locations with Known or Suspected PFAS Detections:

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to September 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Sep 5, 2023

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills:

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Sep 23, 2023

PFAS NPDES Discharge Monitoring:

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Nov 27, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities:

[PFAS TSCA](#)

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest :

[PFAS E-MANIFEST](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Oct 11, 2023

PFAS Industry Sectors:

[PFAS IND](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Jul 3, 2023

Hazardous Materials Information Reporting System:

[HMIRS](#)

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: Mar 6, 2023

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Oct 26, 2023

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRCD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Jan 21, 2023

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jul 23, 2023

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jul 23, 2023

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites:

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: Nov 6, 2023

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: May 25, 2023

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 30, 2023

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2023

State

Potential PFAS Sites:

PFAS POTENTIAL

A list of sites from the Hazard Evaluation and Emergency Response System (iHEER) that may be investigated for PFAS. This data is made available by the Hawaii Department of Health, HEER Office.

Government Publication Date: Aug 11, 2023

HEER Emergency Response Listing:

[SPILLS](#)

This list of releases reported to and managed by the Emergency Preparedness and Response section of Hazard Evaluation and Emergency Response (HEER) Office, is made available by the Hawaii Department of Health (DOH). The listing also includes spill/release records from the DOH's Environmental Health Administration (EHA) Portal, which provides access to applicable environmental information.

Government Publication Date: Jul 17, 2023

Dry Cleaning Facilities:

[DRYCLEANERS](#)

A list of permitted drycleaner facilities (active and closed) in the state of Hawaii; made available by the Department of Health.

Government Publication Date: May 5, 2021

Delisted Drycleaners:

[DELISTED DRYCLEANERS](#)

List of sites removed the list of permitted drycleaners made available by the Hawaii Department of Health.

Government Publication Date: May 5, 2021

Hazardous Waste Management Facilities:

[HWM](#)

List of facilities under the Hazardous Waste Management program. This information is made available by the Hawaii Department of Health on the Environmental Health Warehouse (EHW) public explorer.

Government Publication Date: Apr 20, 2020

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Relevant Prior Reports/Report Excerpts

37827


A Report Prepared for

Hawaiian Electric Company, Inc.
P.O. Box 2750
Honolulu, Hawaii 96840

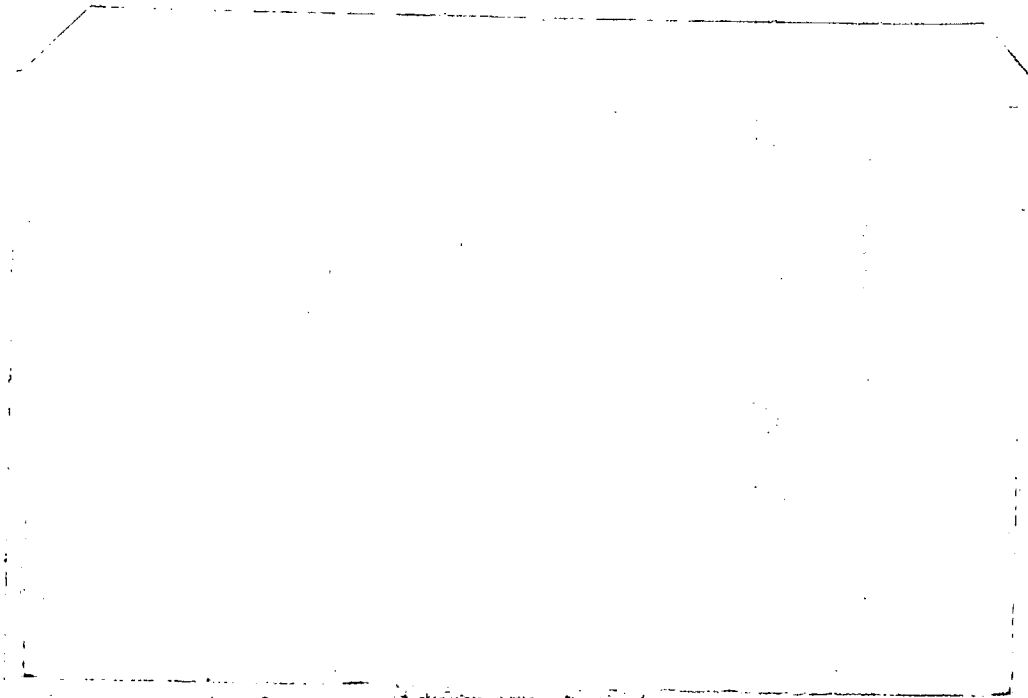
PHASE I PRELIMINARY HAZARDOUS
MATERIALS SITE ASSESSMENT
HONOLULU POWER PLANT
HONOLULU, OAHU, HAWAII

HLA Job No. 17153,034.06

by



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Harding Lawson Associates

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1.0 INTRODUCTION

This report presents the results of a Phase I Preliminary Hazardous Materials Site Assessment (PSA) conducted by Harding Lawson Associates (HLA) for property located at 170 Ala Moana Boulevard, Honolulu, Hawaii. The property is presently owned by Hawaiian Electric Company, Inc. (HECO), and is occupied by a power generating station. This assessment was authorized by Hawaiian Electric Company, which is considering selling the property.

The purpose of this assessment was to provide information on the Honolulu Power Plant site and surrounding area relative to the potential presence of hazardous/toxic materials on or beneath the property. This evaluation is based on information gathered from federal, state, and local agencies; personal interviews with people familiar with the property; sub-surface soil and water sampling and analysis; and a site visit by HLA personnel.

2.0 SCOPE OF SERVICES

This assessment was authorized by Hawaiian Electric Company, Inc., under HLA's Standard Service Agreement. Project tasks were conducted in accordance with the scope of services presented in our proposal (PW 89-152-06) dated August 31, 1989.

To evaluate the potential impact of hazardous materials on the site, HLA conducted the PSA, which consisted of the following activities:

- Reviewing available documents and aerial photographs related to historical development of the site and adjacent properties;
- Contacting appropriate federal, state, and local regulatory agencies for documented hazardous materials information concerning the site and the study area, defined as the area located within a 1/4-mile radius of the site boundaries;
- Conducting an on-site review and off-site reconnaissance to assess visible evidence of the generation, use, storage, or disposal of hazardous materials;
- Reviewing available reports for information pertaining to soil and ground-water contamination at and in the vicinity of the site;
- Collecting subsurface soil and water samples to check for the presence or absence of leachable metals, petroleum hydrocarbons, or polychlorinated biphenyls (PCBs) beneath the site;
- The HLA evaluation of the potential for soil and/or ground-water contamination at the site and its immediate surroundings was based on above-ground visual observations; and
- Evaluating findings and preparing this report.

3.0 SITE DESCRIPTION

The site, which is currently owned by Hawaiian Electric Company, Inc., is a 149,644-square-foot parcel that is bordered to the north by Bishop Street, to the south by Richards Street, to the west by Ala Moana Boulevard, and to the east by Nimitz Highway. It consists of the parcel of land described by State of Hawaii, Tax Map Key 2-1-14:6.

The site is covered by the Honolulu Power Generating Plant of Hawaiian Electric Company, Inc. (HECO), which provides approximately 20 percent of the power generated on the island of Oahu. The power generating plant facilities include three large concrete-walled structures. The first, at the corner of Ala Moana Boulevard and Bishop Street, is a former generating plant which is now used primarily as offices and repair shop space. It is a four-story, concrete building which housed power generating Units 1 through 7. The second building, at the corner of Bishop Street and Nimitz Highway, is a two-story, concrete structure containing the machine and welding shops and the parts storage and tool issue warehouse. The last major building is a four-story steel-frame, concrete-walled generating station, containing the two current 15-megawatt generating units (8 and 9), and the control room for the power plant. In addition to the major structures, there are two 14,500-barrel fuel tanks and a 975-barrel diesel oil tank inside individual concrete containment walls. In the northeast corner of the site there are two above-ground propane tanks, an above-ground kerosene tank, an outdoor-storage area, and the former site of an underground gasoline storage tank, removed on September 26, 1989. Near the entry gate are an outdoor hydrogen tank storage and dispensing area, a propane tank connected to an emergency generator and a small guard station for entry control. To the east of the current generating building are a pair of demineralized water storage tanks, and tanks of acid and caustic for treating the demineralized water filter beds. On the south end of the site, there is an uncovered switch yard with large power-circuit-switching mechanisms and transformers in rows parallel to the side of the power generating building. The site has

paved parking and service areas between the larger structures and along the east side. The entire two-block site is surrounded by an 8-foot-high wall.

Beneath the site, two fuel supply pipes deliver fuel from the Iwilei Fuel Storage Area; and six pipes to the seawall of Honolulu Harbor provide an inlet/outlet for cooling water.

3.1 Topography

The site is generally flat; the elevation is approximately 3 feet above Mean Sea Level (MSL). Along the western border of the site, a four-lane street separates the site from Honolulu Harbor, near Piers 6 and 7. The city of Honolulu surrounds the other three sides of the site, rising gently as the distance from the ocean increases.

3.2 Geology

Published information regarding the specific geology of the site was available. A 1972 U.S. Department of Agriculture, Soil Conservation Service, report titled, "Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii," shows that the site is underlain by Lualualei-Fill land-Ewa association soil, normally well-drained, fine or moderately-fine soils along the coastal plains. The fill is generally material dredged from the ocean, or hauled from nearby excavation areas.

3.3 Hydrology

Local topographic maps of the area indicate that surface drainage of the area in the vicinity of the power plant is through storm sewers with the primary entrances along the edges of streets. On the site, paved swales lead to storm drains. The storm sewers direct water to the shores of Honolulu Harbor adjacent to the site.

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The regional direction of ground-water flow, according to a U.S. Geological Survey report titled, "Ground-Water Resources in Southern Oahu, Hawaii," is toward the harbor. The ground water is not potable. On-site water supply wells for cooling purposes are on record with the Department of Land and Natural Resources (DLNR). According to the plant manager, the City and County of Honolulu, Board of Water Supply, provides drinking water to the site and immediately surrounding areas. The city of Honolulu obtains its water from basal water wells inland of the site.

Sewage generated at the site is discharged into a sanitary sewer that is connected to a publicly-owned treatment plant operated by the City and County of Honolulu.

Effluent from the cooling systems and demineralization filters is treated in concrete holding tanks in the older power plant building, then diluted to established effluent standards prior to discharge into Honolulu Harbor.

4.0 SITE HISTORY

4.1 Oral and Written History

The original four-story concrete Honolulu electric-power generating station was built approximately on the site of the former coal-fired generating station in the early 1900s. It has a pair of 220-foot-tall stacks. The plant was modernized and the generating capacity increased several times over the years before 1950. Seven different generators and 16 boilers were installed over the years. In 1953, a replacement plant was built (dedication was in 1955) on the block across the former portion of Alakea Street from the original plant. This block was formerly occupied by Army warehouses, a commissary, and a fish market according to the former manager of the plant (DeCorte, 1989). The original plant building was retained for offices, shops, and water treatment.

Originally, brackish ground water was used to cool the generators (Units 1 to 6) at the plant. However, 18 to 20 years ago, all generators were switched to cooling with hydrogen gas. The newer units (7, 8, and 9) were always cooled with hydrogen. However, the plant continues to use ocean water for cooling the condensers (condensing steam for the turbines) and lubricating oil pumps in a once-through system. The discharge of heated water to the ocean is regulated by a National Pollutant Discharge Elimination System (NPDES) Permit.

Demineralizers are used to produce boiler source water (for creating steam) for a closed-loop system into which the demineralized feed water is injected as needed.

Demineralizer and demineralizer process regeneration wastes are treated in a neutralization tank, then pumped to wastewater sumps in the old plant building. The sumps are used to settle suspended solids and to adjust the pH of the effluent to meet NPDES requirements. Approximately once each five years, the solids (sludge) in the bottom of the settling tanks are removed and transported to drying areas. The dry residue is disposed of in a city landfill.

In addition to the demineralizer wastes, the NPDES permit for the plant allows the disposal of occasional low-volume wastes such as boiler cleaning wastes. The various wastes are mixed with the cooling water passing through the plant in compliance with NPDES-allowed rates.

The fuel storage tanks which are now located approximately midway along the eastern side of the site are replacements for 6,000- and 2,000-barrel tanks which formerly existed in the northeast corner open space. A pair of sheds in the same area was demolished in 1952. Each of the three large fuel tanks in the yard was surrounded by a containment wall and an automatic high-level alarm system sometime after a 1969 overflow of one of the tanks into a nearby power cable trench, which overflowed into the storm sewer system. Some of the fuel reached the harbor. The current and the former manager of the plant were aware of the incident, which was prevented from recurring by the walls and alarm/shut-off system (McKenzie, 1989.)

In the past, various grades of diesel fuel were used to fire the boilers providing steam for the turbines in the generators. However, today a low sulfur petroleum product (residual fuel) which resembles a gel in its natural state, is used to prevent noxious emissions from the air stacks above the site. No plume was visible from any of the large stacks on site. A small steam plume was seen occasionally from a smaller (approximately 6-inch) stack through the roof of the new plant.

4.2 Aerial Photographic Record

Historical and current land uses of the site and adjacent areas were also reviewed by examining the changing configuration of the land and the buildings in available aerial photographs. Aerial photographs of the site taken in 1970 and 1988 were available for examination.

In the 1970 photograph, the site and surrounding area appear to be the same as they are currently, except southbound traffic on Ala Moana

Boulevard was routed around the west (ocean) side of the power plant. In addition, the area south of the site, now occupied by the Prince Kūiō Federal Building, was a parking lot, apparently unpaved. Low-rise buildings between Alakea and Bishop Streets were being replaced with the current high-rise structures. On-site, the concrete containment walls had been constructed around each fuel tank. There is no evidence of oil in the shoreline waters.

The 1988 photograph portrays the site as it presently exists. Ala Moana Boulevard/Nimitz Highway had been expanded to within a few feet of the walls on the east side and rerouted around the Federal Building on the south side. High-rise structures dwarf the power plant from across Ala Moana Boulevard. The Pacific Maritime Museum has been constructed on Pier 7 adjacent to the site. There is no evidence of oil in the shoreline waters.

5.0 INVESTIGATION ACTIVITIES AND FINDINGS

HLA investigated both the site and the study area, defined as the off-site area within a radius of approximately 1/4 mile of the site.

5.1 Site Visit

A site visit was conducted by HLA personnel on October 4, 5, and 12, 1989, with Mr. Hugh McKenzie, Jr., plant manager, as an escort, to review areas of potential environmental concern related to the use of hazardous materials at the site. Periods of bright sunlight alternated with heavy rain showers, allowing the visitors to view drainage patterns.

The relatively plain concrete facade and walls of the site and buildings masked a complex network of pipes and processes within an aging power plant. The buildings also contained a large number of hazardous materials, such as acid and caustic tanks, and asbestos. However, there was no visible evidence of spills or leaks of the hazardous substances into the environment.

Mr. McKenzie provided a tour of the buildings and grounds. In the older of the two power plant structures, signs indicated there were asbestos materials present. An ongoing asbestos abatement project was in progress, preventing entry into a largely abandoned area on the north side of the building. The HECO environmental department had provided copies of asbestos removal estimates which totaled nearly \$3,000,000. This included the brick surrounding some of the boilers. HLA was directed not to duplicate the asbestos survey as part of this assessment.

The areas of primary concern within the original building were the first floor of the building and below, where open concrete sumps were used to settle suspended solids from the filter-regeneration effluent from demineralization tanks (in the new structure). Later the effluent is mixed with the condenser cooling water to produce ocean effluent levels in accordance with the NPDES permit. The sumps were originally used to treat potentially hazardous boiler cleaning water. Treatment in the sumps was

replaced by the construction and subsequent operation of Resources Conservation and Recovery Act (RCRA) - exempt wastewater treatment tanks in the newer building. Treated effluents from the treatment tanks are pumped to the sumps for settling of suspended solids.

Although potentially hazardous chemicals (caustics, acids) are being used to produce environmentally acceptable effluents when mixed with the condenser cooling water, there was no visible evidence of chemical wastes being spilled or leaked into the environment.

Tanks of acids and caustics were observed outside the east and north walls of the facility. The acids and caustics are used to adjust the pH of the water to proper operating conditions. Small containers of sulfuric acid were stored near the larger storage tanks. No evidence of spills or leaks was observed or reported.

Along the northern side of the newer building, there is an area for storage and connection of 45 tanks (bottles) of compressed hydrogen gas for correcting flue-gas oxygen concentrations. Again, there were no signs of leaks.

An 800-gallon propane tank near the entry gate provides fuel for the emergency generator a few feet away. There were no signs of leaks.

HLA called the HECO environmental department to verify that the transformers and switch gear observed in the switch-yard south of the plant structures were free of polychlorinated biphenyl (PCB) oil (Fukuda, 1989). HECO records indicated that there were no PCB-oil-containing devices at the Honolulu Power Plant site. However, to assess the potential for past spilled or leaked PCB-containing fluids, each near-surface soil sample from the plant area was analyzed for the presence of PCBs.

There was a maintenance and storage area in the northeast corner of the site which contained six 55-gallon drums of oils and solvents. The containers appeared to be relatively new and in good shape. They were upright and sitting on either a pallet or a paved surface. Two other

drums were installed on a dispensing rack with faucets installed in their bung holes. The northeast corner is also used for storing scrap metals for recycling or disposal. It is also the former site of a single-pump vehicle fueling station. A large section of pavement was missing where an underground storage tank was removed on September 26, 1989. Near the missing pavement, a 500-gallon kerosene tank was mounted on a steel stand about three feet above the ground. There are also 1000-gallon and 500-gallon propane tanks above ground.

The remaining area outside of the buildings consisted of a parking lot within the walls and sidewalks outside the fence. There were dumpsters for removal of trash in the northeast and southeast corners of the site. No odors, discolored soil, stressed vegetation, or other evidence of leaks or spills were found during the site review.

5.2 Study Area Reconnaissance

Reconnaissance of the study area (i.e., the off-site area within a 1/4-mile radius of the site) was performed on October 4, 1989, by HLA personnel. The surrounding area contains high-rise office/apartment structures to the east, a park/parking lot to the north with Aloha Tower and piers for passenger liners and cruise boats further to the north and along the western side of the site. South of the site, beyond a landscaped triangle, is the Prince Kuhio Federal Building. The entire area is maintained as a showplace for the benefit of tourists and residents. There was no surficial evidence of occurrences of contamination. There was no indication of activities which might produce significant amounts of contaminants on or beneath the site.

5.3 Review of Regulatory Agency Records

The discussion presented in this section is based on available information provided by government agencies. In addition to reviewing agency lists that contain general information about sites that have had reported problems with hazardous materials, HLA personnel reviewed agency

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files for detailed information on sites that appeared on these lists. HLA also contacted agency personnel for information on additional sites that have been identified but have not yet been placed on these lists, or if there are areas of potential environmental concern that may not be covered by the available lists.

5.3.1 Review of Published Regulatory Agency Lists

As part of its assessment of whether there are areas that may pose potential environmental concerns relative to the site, HLA reviewed and evaluated the following regulatory agency lists:

- U.S. Environmental Protection Agency (USEPA) National Priorities List (NPL) for Uncontrolled Hazardous Waste Sites, July 1987 and June 1988.

The NPL provides a list of Federal Superfund sites. No businesses or property in the study area were included on the NPL. There currently are no Hawaiian sites on the NPL.

- USEPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), September 1988.

CERCLIS provides information for businesses or properties that are in the Federal Superfund Program. Under this program, a business or property is identified and a preliminary assessment is performed to assess whether the site shall become a Federal Superfund site.

None of the properties on this list are within the study area. There are no listed properties closer than 1 mile to the site.

- Notification of Underground Storage Tanks Listing of Owners and Operators.

The following underground storage tanks are registered with the Department of Health, Underground Storage Tank Branch, and are within the study area:

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- Hawaiian Electric Company
Honolulu Generating Station
170 Nimitz Highway
Honolulu, Hawaii
One tank of gasoline (removed in 1989)

Tanks within the basements of structures, such as the many high-rise facilities surrounding the site, do not have to be registered with the Department of Health. HLA does not have knowledge that such tanks exist, but considers it likely that auxiliary power units, with fuel tanks, are installed in some or all of the high-rise structures in downtown Honolulu, which is slightly uphill from the site.

5.4 Subsurface Sampling

Soil samples were collected on October 3 and 4, 1989, using a Mobile Drill model B-40 drilling rig with 6-inch, hollow-stem augers to drill to sampling depth. Then, a split-spoon sampler was driven into the undisturbed soil beneath the augers with a 140-pound drop hammer.

Ground water was sampled on October 10, 1989, following well development on October 9, 1989.

5.5 Sample Collection and Transport

Soil samples were collected in four locations (B-2 through B-5 on Plate 3). At Location B-1, HLA was unable to obtain samples of soil. The material in the boring location appeared to be concrete and asphalt from a former street alignment. In Locations B-2 through B-5, soil samples were collected with a split-spoon (S&H) sampler, approximately 12 to 18 inches below the surface. Soil was scraped into 8-ounce, wide-mouth glass jars with plastic lids and teflon seals using a metal blade. All equipment was decontaminated before sampling with a solution of Alconox detergent and a deionized water rinse. Soil sample jars were placed in an insulated cooler with fresh "blue ice." Soil samples were shipped via air freight to Analytical Technologies Laboratories in San Diego, California, for analysis. Based on boring logs, the site is underlain by approximately 2 feet of artificial fill materials (clays, silts, gravel) over a base of coral fill.

HLA was able to use an existing ground-water well (MW-1) to obtain a sample of ground water. The 17-foot-deep well, a former source of cooling water is now abandoned. Prior to sampling the water, the well was developed by pumping more than three well volumes (700 gallons) of water out of the well. One day later, three more well volumes (831 gallons) were pumped out of the well in six increments. At the completion of each increment, the pH, conductivity, and temperature of the water were measured. Measurements stabilized around a pH of 8.23, a conductivity of 2,720 micromhos per centimeter, and a temperature of 27.0 degrees centigrade. A decontaminated teflon bailer was used to fill three sample containers (40 ml glass, 1-liter glass, and 16-ounce polyurethane) with water from approximately 3 feet deep in the purged well. As the samples were collected, there was no obvious odor, nor visible sediment. The samples appeared clear. However, a slight oily sheen was noted on the surface of the well and within the 11-liter sample bottle. Each sample bottle was prepared with the appropriate acid preservative by the analytical chemistry laboratory prior to shipping the bottles to Hawaii. After capping with plastic/polyethylene lids with teflon liners, the water samples were placed in a chilled shipping container for transport to Analytical Technologies, Inc. laboratory in San Diego, California.

5.6 Discussion of Analytical Results

The soil samples were analyzed for three types of potential contaminants: petroleum hydrocarbons (fuels), polychlorinated biphenyls (PCBs), and volatile organics/solvents. The analytes detected are presented in the table, "Analytic Chemistry Results," on page 16. The full laboratory report is included in the appendix.

Petroleum hydrocarbons (fuel/oil residues) were detected in all five soil samples and in the water sample analyzed for petroleum hydrocarbons. The concentrations in soil ranged from 6 to 1800 mg/kg (ppm). The

smallest concentration at Location B-3 (Plate 3) was very close to the detection limit of 5 ppm and is considered negligible. The other concentrations are considered significant. The greatest concentration, 1300 ppm, was just below the surface near the fuel storage tanks in the area of the reported fuel spill. The concentration detected dropped to 1200 ppm 4 feet further down the same boring (B-4). A concrete water pipe was encountered just below the point of the sample with a concentration of 1200 ppm of hydrocarbons, preventing analysis at deeper points. However, ground water was detected at approximately 7 feet below the surface in a nearby well, indicating that the lower sample in Location B-4 was collected just above ground-water level.

HLA found the concentration of petroleum hydrocarbons detected at Location B-2 (340 ppm) difficult to explain. The location is outside the perimeter fence in a landscaped area next to Ala Moana Road (a former portion of Ala Moana Boulevard which was relocated to the north of the power plant). Colored glass and volcanic glass were reported in the sampled material.

Location B-5 was the former site of fuel tanks for the plant. The concentration of 87 mg/kg petroleum hydrocarbons may reflect an old spill, particularly as no related hydrocarbon compounds were detected in the volatile organics/solvents analysis.

Only 0.09 mg/l of petroleum hydrocarbons were detected in the ground-water sample. The 0.09 mg/l is just above the detection limit for the method used (0.05 mg/l).

No polychlorinated biphenyls (PCBs) were detected in the soil samples. The ground water was not analyzed for PCBs which do not readily enter solutions.

Two other organic chemicals were detected in the samples: toluene and methylene chloride. Both are commonly detected laboratory contaminants. Both were detected in blanks sent through the analysis process with the samples. Acetone, another common laboratory contaminant, was detected in a single blank but not in any of the soil or water samples.

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The methylene chloride detected in the soil samples approximated the concentration detected in the blanks and is considered a result of laboratory contamination. However, the toluene detected in three soil samples probably reflects a site contaminant, as the concentration is well above that detected in the blank samples. No other analytes were detected in the soil samples.

Barium was detected (0.03 mg/l) in the ground-water sample analyzed for metals. No other metals or organic compounds were detected in the ground-water sample.

Analytic Chemistry Results

Location	Depth (ft.)	Sample Number	Percent Moisture %	Petroleum Hydrocarbons (mg/kg)	Polychlorinated Biphenyls (PCBs)	Volatile Organics (mg/kg)			Metals Barium (mg/kg)
						Methylene Chloride	Toluene	Acetone	
<u>SOILS</u>									
B-2	1.0-2.0	1	18.4	340	ND	0.5	0.22	ND	NA
B-3	1.0-2.0	2	18.6	6	ND	ND	0.3	ND	NA
B-4	1.0-2.0	3	16.1	1800	ND	0.86	0.30	ND	NA
B-4	5.0-5.5	4	29.2	1200	ND	ND	ND	ND	NA
B-5	1.0-2.0	5	9.1	87	ND	ND	ND	ND	NA
Reagent Blank		NA	NA	NA	NA	0.4	ND	NA	NA
Reagent Blank		NA	NA	NA	NA	0.4	0.05	NA	NA
Reagent Blank		NA	NA	NA	NA	0.41	0.05	0.75	NA

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<u>WATER</u>				<u>(mg/l)</u>		<u>(ug/l)</u>	<u>(ug/l)</u>	<u>(ug/l)</u>	<u>(mg/l)</u>
MW-1 (7,8,9)	NA	1	NA	0.09	NA	ND	ND	ND	0.03
MW-1	NA	2	NA	NA	NA	ND	ND	ND	NA
Reagent Blank	NA	-	NA	NA	NA	TR	ND	NA	NA
Reagent Blank	NA	-	NA	NA	NA	TR	1	TR	NA

NA = Not Applicable
 ND = None Detected
 TR = Trace

6.0 OTHER AREAS OF CONCERN

During the site visit, no suspected asbestos-containing materials (ACM) other than as noted on page 9, were observed in the building on the site.

As required by the National Emission Standards for Hazardous Air Pollutants (NESHAP), suspect ACM must be sampled and analyzed for asbestos content prior to any remodeling, renovation, or demolition activities.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Significant quantities of petroleum hydrocarbons were detected in the soil in the vicinity of a reported 10-year-old fuel spill. The concentrations from location B-4 are significant because they exceed the concentrations which many states have established as action levels. Neither the federal government, nor the State of Hawaii has established standards for the concentrations of petroleum hydrocarbons allowed in soils or ground water.

In the states which have established soils standards, 100 mg/kg is frequently used as an "action level." However, the "action level" is usually negotiable depending on soil conditions, location in respect to drinking water sources, and uses of the site, etc.

However, HLA has found that concentrations above 500 mg/kg usually require action. Some states have established standards for classifying petroleum-contaminated soil as a hazardous waste. For example, California uses 1,000 mg/kg of petroleum hydrocarbons as the lower limit for hazardous waste classification. The concentration in samples from location B-4, near the bulk fuel tanks (1,200 and 1,800 mg/kg), exceed these reference standards. The sample from location B-2, along the curb of Ala Moana Boulevard, outside the perimeter fence (340 mg/kg) is in the range where negotiations are possible. The other sampled areas has smaller concentrations than the limits cited.

Additional borings in the vicinity of the bulk fuel tanks would aid in defining the extent of high concentrations of petroleum hydrocarbons. A systemic search pattern could be developed in which successive sampling locations would be based on the results of previous analyses. An alternative may be to remove or treat some or all the soil above ground water on the site during or after the proposed demolition of the plant structures.

If the state Department of Health (DCH) or the EPA classifies the soil as a hazardous waste, Hawaii does not have a facility which could accept it for off-site disposal. It is possible that an on-site or off-site treatment process could be developed. Permits could be required if the soil is classified as a hazardous waste. For the contaminated soil along Ala Moana Boulevard, HLA recommends working with the DCH regarding the need for remedial action in addition to removal with other demolition debris. The small concentrations of toluene, methylene chloride, and barium detected each are less than 5 percent of the health-based criteria recently published by the EPA (EPA, 1989). The April 1989 criteria lists concentrations of 20,000 mg/kg of toluene and 93 mg/kg of methylene chloride as the health-based criteria for the contaminants in soil.

The 0.03 mg/l of barium in the ground-water sample is well below the federal maximum contaminant level for drinking water, which allows 1.0 mg/l of barium in drinking water.

Although the Honolulu Power Plant site has numerous other containers of hazardous chemicals, no evidence was found that the site had become contaminated as a result of operations employing the chemicals.

8.0 LIMITATIONS

The PSA activities were conducted in accordance with practices and procedures generally accepted in the consulting engineering field. Information presented in this report does not confirm the presence of significant subsurface contamination throughout the property, but indicates that it is present at some locations. HLA's professional judgment to assess the potential for contamination was based on limited data; no other warranty is given or implied by this report. A more extensive assessment that would include a more extensive surface and/or subsurface investigation and additional chemical analyses of soil and/or ground-water samples would provide more definitive information concerning site-specific conditions.

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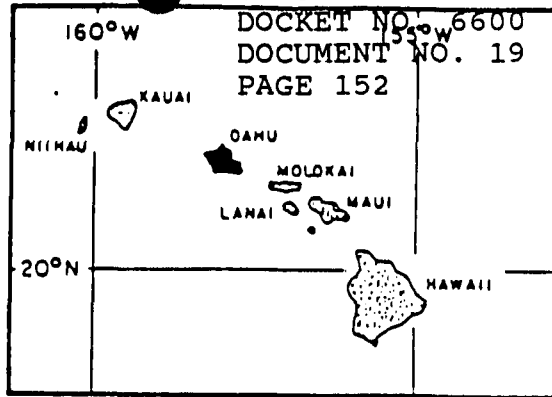
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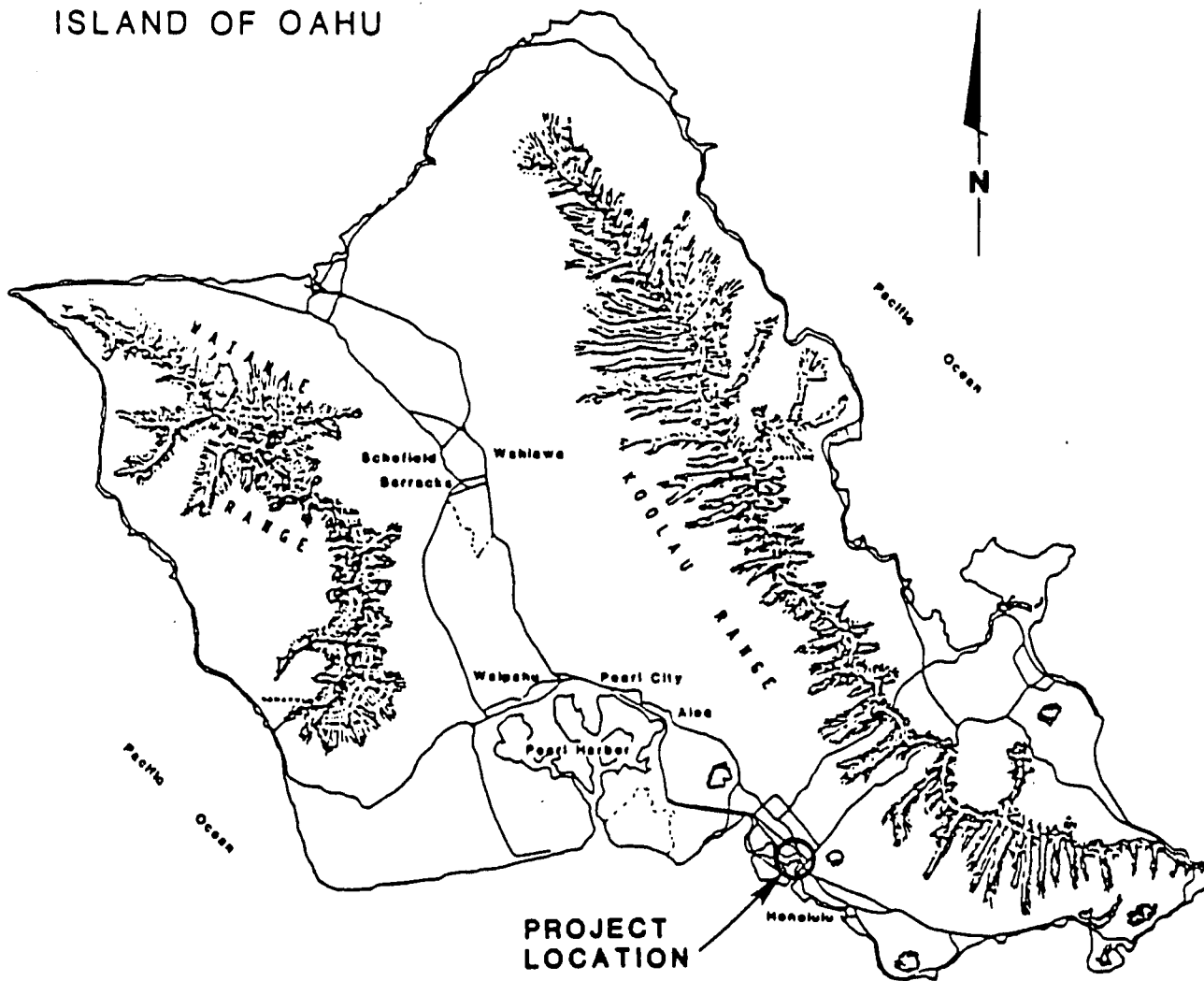
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ILLUSTRATIONS



ISLAND OF OAHU



PROJECT LOCATION



Harding Lawson Associates
Engineers, Geologists
& Geophysicists

Vicinity Map

Honolulu Power Plant
Honolulu, Oahu, Hawaii

PLATE

1

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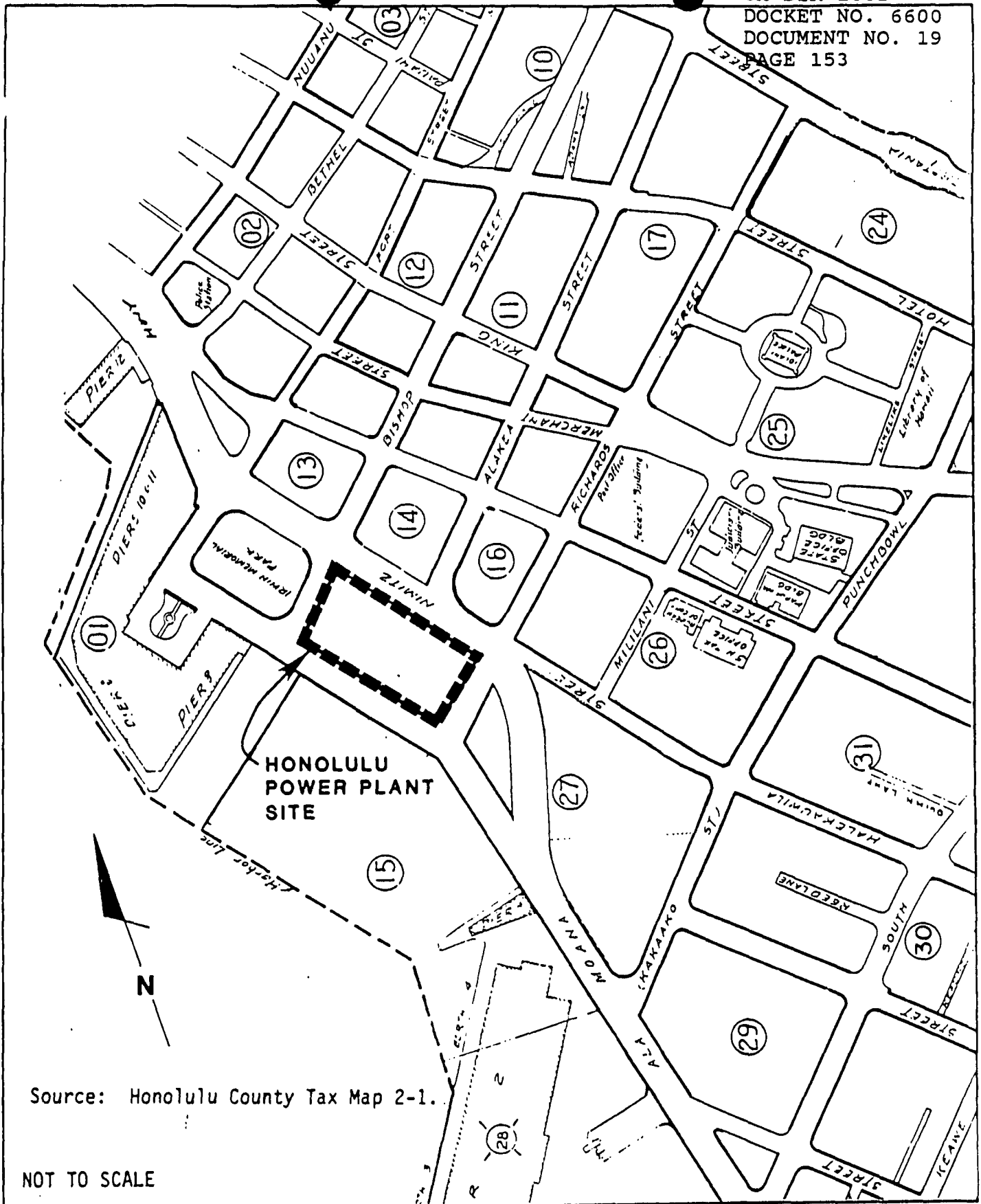
JOB NUMBER
17153,034.06

APPROVED
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DATE
10/89

REVISED

DATE



Source: Honolulu County Tax Map 2-1.

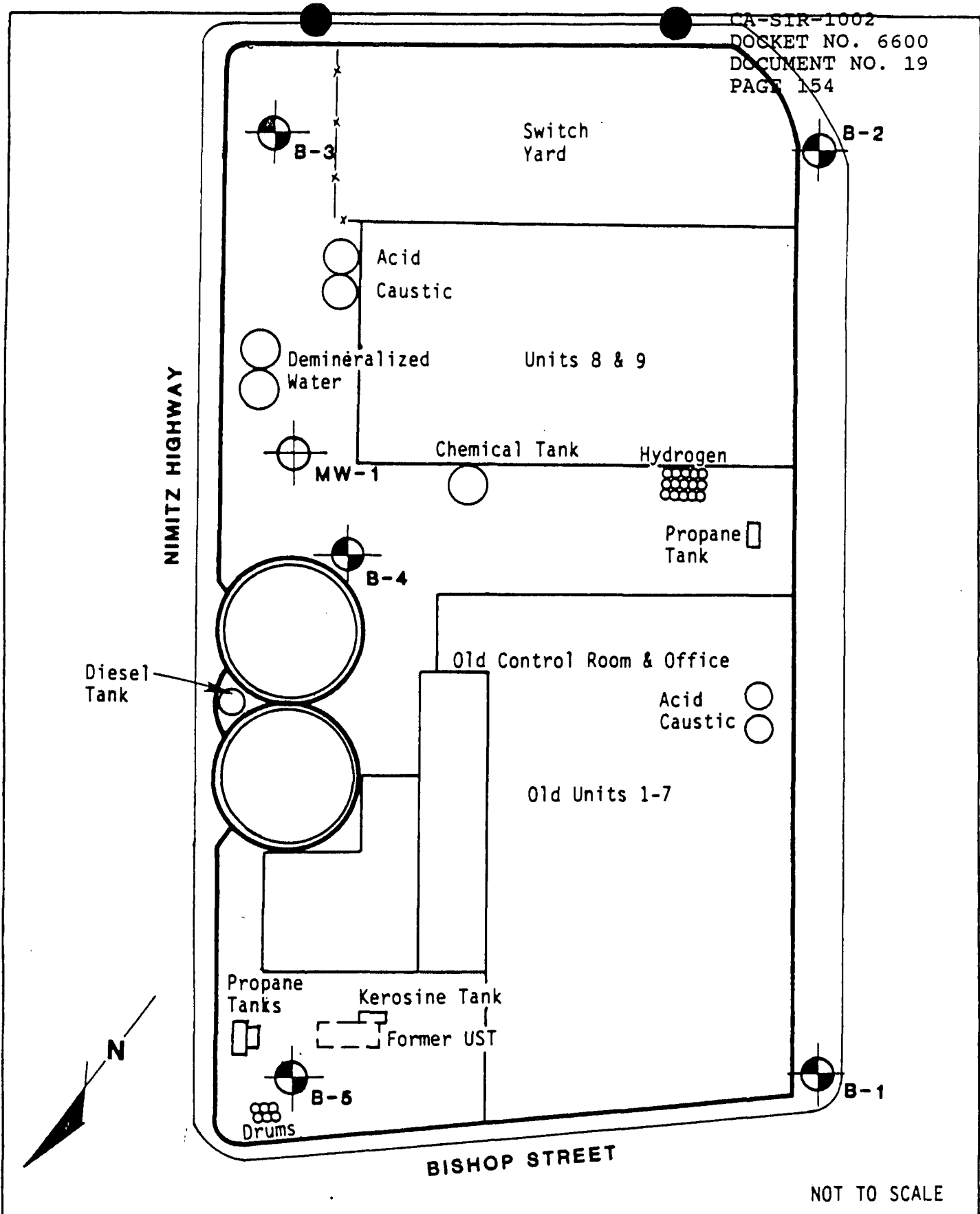
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Harding Lawson Associates
Engineers and Geoscientists

Location Map
Honolulu Power Plant
Honolulu, Oahu, Hawaii

PLATE
2



NOT TO SCALE



Harding Lawson Associates
 Engineers and Geoscientists

Site Plan
 Honolulu Power Plant
 Honolulu, Oahu, Hawaii

PLATE
3

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Harding Lawson Associates

APPENDIX
LABORATORY REPORTS

0042R



Analytical **Technologies, Inc.**

Corporate Offices 5550 Morehouse Boulevard San Diego, CA 92121 (619) 458-9141

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ATI I.D. 910123

October 20, 1989

Harding Lawson Associates
803 Kamehameha Highway #404
Pearl City, Hawaii 96782

RECEIVED
OCT 24 1989

HARDING LAWSON ASSOCIATES
HONOLULU, HAWAII

Project Name: Honolulu Power Plant

Project No.: 17153,034.06

Attention: David Manchester

On October 9, 1989, Analytical Technologies, Inc. received five soil samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of these analyses and the quality control data are enclosed.


Marsilen Lindsey
Senior Project Manager

ML:nm



Richard M. Amano
Laboratory Manager

ANALYTICAL SCHEDULE

CLIENT: HARDING LAWSON ASSOCIATES
PROJECT NAME: HONOLULU POWER PLANT

PROJECT NO.: 17153,034.06

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PERCENT MOISTURE	GRAVIMETRIC	METHOD 7-2.2 in Methods of Soil Analysis, American Society of Agronomy
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
POLYCHLORINATED BIPHENYLS	GC/ECD	EPA 8080
VOLATILE ORGANICS	GC/MS	EPA 8240



Analytical Technologies, Inc.

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
OBJECT NAME : HONOLULU POWER PLANT
ATI I.D. : 910123

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REPORT DATE : 10/20/89

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	8940HP01	SOIL	10/03/89
02	8940HP02	SOIL	10/03/89
03	8940HP03	SOIL	10/03/89
04	8940HP04	SOIL	10/03/89
05	8940HP05	SOIL	10/04/89

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	5

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

DATE RECEIVED : 10/09/89

REPORT DATE : 10/20/89

PARAMETER	UNITS	01	02	03	04	05
% MOISTURE	%	18.4	18.6	16.1	29.2	9.1
PETROLEUM HYDROCARBONS, IR	MG/KG	340	6	1800	1200	87



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

ATI I.D. : 910123

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
MOISTURE (%)		91012303	16.1	14.3	11.	N/A	N/A	N/A
PETROLEUM HYDROCARBONS	MG/KG	91012303	1800	1800	0	**	**	**

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

** Due to the necessary dilution of the sample, result was not attainable



TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/11/89
CLIENT I.D.	: 8940HP01	DATE ANALYZED	: 10/12/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025



ATI I.D. : 91012302

TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/11/89
CLIENT I.D.	: 8940HP02	DATE ANALYZED	: 10/13/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025



ATI I.D. : 91012303

TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/11/89
CLIENT I.D.	: 8940HP03	DATE ANALYZED	: 10/13/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025



TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/11/89
CLIENT I.D.	: 8940HP04	DATE ANALYZED	: 10/13/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025



ATI I.D. : 91012305

TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/04/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/11/89
CLIENT I.D.	: 8940HP05	DATE ANALYZED	: 10/13/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS

RESULTS

AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025



REAGENT BLANK

TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910123
PROJECT #	: 17153,034.06	DATE EXTRACTED	: 10/11/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE ANALYZED	: 10/12/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
AROCLOR 1016	<0.025
AROCLOR 1221	<0.025
AROCLOR 1232	<0.025
AROCLOR 1242	<0.025
AROCLOR 1248	<0.025
AROCLOR 1254	<0.025
AROCLOR 1260	<0.025

ATI I.D. : 910123

TEST : EPA 8080 (PCB'S)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE EXTRACTED	: 10/11/89
PROJECT #	: 17153,034.06	DATE ANALYZED	: 10/12/89
PROJECT NAME	: HONOLULU POWER PLANT	SAMPLE MATRIX	: SOIL
REF I.D.	: 91012301	UNITS	: MG/KG

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE REC.		RPD
	RESULT	SPIKED			%	%	
AROCLOR 1260	<0.025	0.41	0.45	110	0.47	115	4

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



ATI I.D. : 91012301

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940HP01	DATE ANALYZED	: 10/14/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.50
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.22
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)		92
BFB (%)		82
TOLUENE-D8 (%)	A-13	78



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012301

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

- NONE DETECTED

N/A



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940HP02	DATE ANALYZED	: 10/16/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.3
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	76
BFB (%)	83
TOLUENE-D8 (%)	83



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012302

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940HP03	DATE ANALYZED	: 10/14/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.86
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.30
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	110
BFB (%)	88
TOLUENE-D8 (%)	93



Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATIVE)

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TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012303

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/03/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940HP04	DATE ANALYZED	: 10/17/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	79
BFB (%)	78
TOLUENE-D8 (%)	82



Analytical **Technologies,**

ADDITIONAL COMPOUNDS (SEMI-QUANTITATIVE)

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TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012304

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

- NONE DETECTED

N/A

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/04/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940HP05	DATE ANALYZED	: 10/17/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	101
BFB (%)	102
TOLUENE-D8 (%)	106



Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATIVE)

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TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012305

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910123
PROJECT =	: 17153,034.06	DATE EXTRACTED	: 10/10/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE ANALYZED	: 10/13/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.4
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	104
BFB (%)	100
TOLUENE-D8 (%)	99

REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 3240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910123

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

REAGENT BLANK

TEST : EPA 3240 (GC/MS FOR VOLATILE ORGANICS)

 CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
 PROJECT # : 17153,034.06
 PROJECT NAME : HONOLULU POWER PLANT
 CLIENT I.D. : REAGENT BLANK

 ATI I.D. : 910123
 DATE EXTRACTED : 10/10/89
 DATE ANALYZED : 10/16/89
 UNITS : MG/KG
 DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.4
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	95
BFB (%)	102
TOLUENE-D8 (%)	101



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910123

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910123
PROJECT =	: 17153,034.06	DATE EXTRACTED	: 10/10/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE ANALYZED	: 10/17/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.41
ACETONE	0.75
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	83
BFB (%)	91
TOLUENE-D8 (%)	91



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910123

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 910123

 CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
 PROJECT # : 17153,034.06
 PROJECT NAME : HONOLULU POWER PLANT
 REF I.D. : 91012303

 DATE EXTRACTED : 10/10/89
 DATE ANALYZED : 10/14/89
 SAMPLE MATRIX : SOIL
 UNITS : MG/KG

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% SPIKED REC.	DUP.	DUP.	RPD
	RESULT	SPIKED			SAMPLE REC.	SAMPLE REC.	
1,1-DICHLOROETHENE	<0.05	2.5	1.7	69	1.7	66	4
TRICHLOROETHENE	<0.05	2.5	2.0	82	2.1	86	5
CHLOROBENZENE	<0.05	2.5	2.6	102	2.6	106	4
TOLUENE	0.24	2.5	2.7	98	2.6	93	5
BENZENE	<0.05	2.5	2.6	102	2.7	107	5

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



ATI I.D. 910215

October 30, 1989

Harding Lawson Associates
803 Kamehameha Highway #404
Pearl City, Hawaii 96782

Project Name: Honolulu Power Plant

Project No.: 17153,034.06

Attention: Ron Soroos

On October 13, 1989, Analytical Technologies, Inc. received one water sample and a trip blank for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of these analyses and the quality control data are enclosed.

Carolyn A. Sites
GC/MS Supervisor

CAS:nm

Richard M. Amano
Laboratory Manager

ANALYTICAL SCHEDULE

CLIENT: HARDING LAWSON ASSOCIATES
PROJECT NAME: HONOLULU POWER PLANT

PROJECT NO.: 17153,034.06

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
ARSENIC	AA/GF	EPA 7060
BARIUM	ICAP	EPA 6010
CADMIUM	ICAP	EPA 6010
CHROMIUM	ICAP	EPA 6010
LEAD	ICAP	EPA 6010
MERCURY	AA/COLD VAPOR	EPA 7471
SELENIUM	AA/GF	EPA 7740
SILVER	ICAP	EPA 6010
VOLATILE ORGANICS	GC/MS	EPA 8240



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CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

PROJECT # : 17153,034.06

PROJECT NAME : HONOLULU POWER PLANT

REPORT DATE : 10/27/89

ATI I.D. : 910215

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	8941HPO7,08,09	WATER	10/10/89
02	TRIP BLANK	WATER	10/10/89

----- TOTALS -----

MATRIX	# SAMPLES
WATER	2

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

DATE RECEIVED : 10/13/89
REPORT DATE : 10/27/89

PARAMETER	UNITS	01
PETROLEUM HYDROCARBONS, IR	MG/L	0.09



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

ATI I.D. : 910215

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/L	91006701	<0.05	<0.05	0	3.8	4.3	88

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

DATE RECEIVED : 10/13/89
REPORT DATE : 10/27/89

PARAMETER	UNITS	01
SILVER	MG/L	<0.01
ARSENIC	MG/L	<0.02
BARIUM	MG/L	0.03
CADMIUM	MG/L	<0.005
CHROMIUM	MG/L	<0.01
MERCURY	MG/L	<0.0005
LEAD	MG/L	<0.01
SELENIUM	MG/L	<0.02



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,034.06
PROJECT NAME : HONOLULU POWER PLANT

ATI I.D. : 910215

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/L	91020006	<0.01	<0.01	0	0.90	1.0	90
ARSENIC	MG/L	91023801	<0.002	<0.002	0	2.0	2.0	100
BARIUM	MG/L	91020006	0.11	0.11	0	3.9	4.0	95
CADMIUM	MG/L	91020006	<0.005	<0.005	0	1.9	2.0	95
CHROMIUM	MG/L	91020006	<0.01	<0.01	0	1.8	2.0	90
MERCURY	MG/L	91021501	<0.0005	<0.0005	0	0.0055	0.0050	110
LEAD	MG/L	91021501	<0.01	<0.01	0	0.16	0.25	64
SELENIUM	MG/L	91023801	<0.002	<0.002	0	1.1	1.2	92

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/10/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/13/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: N/A
CLIENT I.D.	: 8941HPO7,08,09	DATE ANALYZED	: 10/20/89
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	<5
ACETONE	<20
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLEETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	<1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	103
1FB (%)	105
TOLUENE-D8 (%)	113



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91021501

MATRIX : WATER

UNITS : UG/L

COMPOUNDS

RESULTS

NONE DETECTED

N/A



ATI I.D. : 91021502

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/10/89
PROJECT #	: 17153,034.06	DATE RECEIVED	: 10/13/89
PROJECT NAME	: HONOLULU POWER PLANT	DATE EXTRACTED	: N/A
CLIENT I.D.	: TRIP BLANK	DATE ANALYZED	: 10/20/89
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	<5
ACETONE	<20
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLEETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	<1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	86
2FB (%)	100
TOLUENE-D8 (%)	97



Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTIFIED)

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TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91021502

MATRIX : WATER

UNITS : UG/L

COMPOUNDS

RESULTS

-- NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
 PROJECT = : 17153,034.06
 PROJECT NAME : HONOLULU POWER PLANT
 CLIENT I.D. : REAGENT BLANK

ATI I.D. : 910215
 DATE EXTRACTED : N/A
 DATE ANALYZED : 10/20/89
 UNITS : UG/L
 DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	TR
ACETONE	<20
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLEETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	<1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	100
BFB (%)	101
TOLUENE-D8 (%)	103

TR - Compound detected at an unquantifiable trace level



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910215

UNITS : UG/L

COMPOUNDS

RESULTS

NONE DETECTED

N/A

REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

 CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
 PROJECT = : 17153,034.06
 PROJECT NAME : HONOLULU POWER PLANT
 CLIENT I.D. : REAGENT BLANK

 ATI I.D. : 910215
 DATE EXTRACTED : N/A
 DATE ANALYZED : 10/19/89
 UNITS : UG/L
 DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	TR
ACETONE	TR
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLEETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	88
BFB (%)	100
TOLUENE-D8 (%)	98

TR - Compound detected at an unquantifiable trace level



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910215

UNITS : UG/L

COMPOUNDS

RESULTS

NONE DETECTED

N/A

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)
 ATI I.D. : 910215

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE EXTRACTED	: 10/11/89
PROJECT #	: 17153,034.06	DATE ANALYZED	: 10/18/89
PROJECT NAME	: HONOLULU POWER PLANT	SAMPLE MATRIX	: WATER
REF I.D.	: 90945704	UNITS	: UG/L

COMPOUNDS	SAMPLE CONC. RESULT	CONC. SPIKED	SPIKED SAMPLE	%	DUP. SPIKED	DUP. %	RPD
				REC.	SAMPLE	REC.	
1,1-DICHLOROETHENE	<1	50	40	80	44	88	9
TRICHLOROETHENE	2	30	56	108	56	108	0
CHLOROBENZENE	<1	50	52	104	54	108	4
TOLUENE	<1	50	49	98	51	102	4
BENZENE	<1	50	49	98	50	100	2

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

DISTRIBUTION

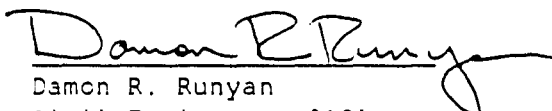
PHASE I PRELIMINARY HAZARDOUS
MATERIALS SITE ASSESSMENT
HONOLULU POWER PLANT
HONOLULU, OAHU, HAWAII
NOVEMBER 3, 1989

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Civil Engineer - 3121

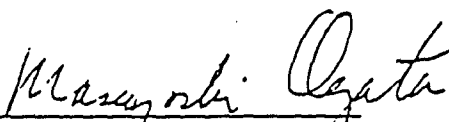
A Report Prepared for

Hawaiian Electric Company, Inc.
P.O. Box 2750
Honolulu, Hawaii 96840

PHASE I PRELIMINARY HAZARDOUS
MATERIALS SITE ASSESSMENT
IWILEI FUEL STORAGE AREA
HONOLULU, OAHU, HAWAII

HLA Job No. 17153,033.06

by


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November 3, 1989

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1.0 INTRODUCTION

This report presents the results of a Phase I Preliminary Hazardous Materials Site Assessment (PSA) conducted by Harding Lawson Associates (HLA) for the Hawaiian Electric Company, Inc.'s Iwilei fuel storage area located at 855 Nimitz Highway, Honolulu, Hawaii. The property is presently owned by Hawaiian Electric Company, Inc., and is occupied by two large fuel storage tanks and various small support structures. This assessment was authorized by Hawaiian Electric Company, Inc., which is considering selling the property.

The purpose of this assessment was to provide information on the Iwilei fuel storage site and surrounding area relative to the potential presence of hazardous/toxic materials on or beneath the property. This evaluation is based on information gathered from federal, state, and local agencies; personal interviews with people familiar with the property; sub-surface sampling and analysis for petroleum hydrocarbons; and a site visit by HLA personnel.

2.0 SCOPE OF SERVICES

This assessment was authorized under HLA's Standard Service Agreement. Project tasks were conducted in accordance with the scope of services presented in our proposal (PW 89-151-02) dated August 31, 1989.

To evaluate the potential impact of hazardous materials on the site, HLA conducted the PSA, which consisted of the following activities:

- Reviewing available documents and aerial photographs related to historical development of the site and adjacent properties;
- Contacting appropriate federal, state, and local regulatory agencies for documented hazardous materials information concerning the site and the study area, defined as the area located within a 1/4-mile radius of the site boundaries;
- Conducting an on-site review and off-site reconnaissance to assess visible evidence of the generation, use, storage, or disposal of hazardous materials.
- Reviewing available reports for information pertaining to soil and ground-water contamination at and in the vicinity of the site;
- Collecting and analyzing subsurface soil and water samples to verify the presence or absence of petroleum hydrocarbons beneath the site;
- The HLA evaluation of the potential for soil and/or ground-water contamination at the site and its immediate surroundings was based on above-ground visual observations and seven subsurface soil/water samples; and
- Evaluating findings and preparing this report.

3.0 SITE DESCRIPTION

The site, which is currently owned by Hawaiian Electric Company, Inc. (HECO), is a 85,918-square-foot parcel that is bordered to the north by a refrigerated container storage yard and used auto parts warehouse, to the west and south by the entrance road to Piers 31 through 33, and to the east by Nimitz Highway. It is the parcel of land described as State of Hawaii, Tax Map Key 1-5-35:6.

The Iwilei Fuel Storage Area is used to store heavy fuel oil which is used by the boilers in the Honolulu Power Plant in downtown Honolulu. The site includes two 80,000-barrel (bbl) fuel oil storage tanks. The tanks have diameters of approximately 100 and 120 feet and a height of approximately 40 feet. Tank 1 is empty, Tank 2 receives the low sulfur fuel for the Honolulu Power Plant from a pipeline from the Chevron refinery in Ewa Beach. Low sulfur fuel is very thick and must be kept heated to remain fluid. Therefore, the steel plates of Tank 2 have been wrapped with insulation and a corrugated sheet metal outer protective skin. In addition, there is an electric heating system in the tank.

There is a metal lean-to next to each tank covering pumping systems and valves. There are above-ground pipes connecting the two pumping systems to the fuel storage tanks, to a pair of above-ground diesel oil tanks, and to a boiler building outside the containment walls. Near the boiler building and adjacent to Nimitz Highway is an asphalt-paved vehicle parking area. An underground fuel tank for the on-site boilers is located outside the western wall of the boiler building beneath the parking area.

Near the eastern corner of the site, within a chain-link fence along Nimitz Highway, is an abandoned pumping station with exposed water line connections for fire fighting operations.

Each of the large tanks is surrounded by a 16-foot-high concrete containment wall. However, the ground surface within the walls is not paved.

3.1 Topography

The site is generally flat; the elevation is approximately 5 feet above Mean Sea Level (MSL). It is surrounded by land at approximately the same elevation in all directions.

3.2 Geology

Published information regarding the specific geology of the site was available. A 1972 U.S. Department of Agriculture, Soil Conservation Service, report titled, "Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii," shows that the site is underlain by Lualualei-Fill land-Ewa association soil, normally well-drained, fine or moderately-fine soils along the coastal plains. Fill is generally material dredged from the ocean, or hauled from nearby excavation areas. Since being deposited, the fill material has become compacted either naturally or prior to overlying construction. There was no evidence of decomposing organic material in the soil samples.

The boring indicated that beneath an asphalt or gravel surface layer, the fill consisted of a sandy, silt with up to 20 percent gravel to about ground-water level. A thin layer of clay beneath was underlain by a silty sand. The bottom of the boring was nine feet below the surface.

3.3 Hydrology

The U.S. Geological Survey publication, Water Resources Data, Hawaii and other Pacific Areas, Water Year 1987, indicates that surface water in the area flows southwest from the Koolau Mountain Range to the ocean in Honolulu Harbor. The Kapalama Drainage Canal, 1/2 mile west, provides a drainage channel for a portion of the city of Honolulu, and the district of Kalihi.

The Nuuanu Stream, 1/4 mile east of the site, provides the primary surface drainage path for the portion of Honolulu within and seaward of Nuuanu Valley.

Honolulu Harbor is within 1/8 mile of the southern boundary of the site. The shore along the piers of Iwilei is isolated from the Pacific Ocean by Sand Island (Plate 2).

The regional direction of ground-water flow, according to a U.S. Geological Survey report titled, Ground-Water Resources in Southern Oahu, Hawaii, flows from the mountains toward the ocean. The ground water, encountered within ten feet below the site, is brackish. Salt water intrusion has been observed in the near-surface ground water throughout the Iwilei district of Honolulu. The brackish water has been used for equipment cooling water by several nearby industries. The near-surface ground water is separated from deeper, basal ground water, over 1000 feet below the site by a layer of caprock.

It is not possible for rain to run off the site from within the containment dikes around the storage tanks. Water must seep into the ground or evaporate. Water was observed to seep into the ground during the rain showers which occurred during the site visit for this assessment. Run-off from the small paved parking area near the entrance off Nimitz Highway is directed to the storm drains along the edge of the street.

The City and County of Honolulu, Board of Water Supply, provides drinking water to the site and surrounding areas. The city of Honolulu obtains its water from basal-water wells a mile or more inland from the site.

No sewage is generated at the site. Sewage generated by nearby facilities is discharged into a sanitary sewer that is connected to a publicly-owned treatment plant operated by the City and County of Honolulu.

5.0 INVESTIGATION ACTIVITIES AND FINDINGS

HLA investigated both the site and the study area, defined as the off-site area within a radius of approximately 1/4 mile of the site.

5.1 Site Visit

A site visit was conducted by HLA personnel on October 4, 1969, to review areas of potential environmental concern related to the use of hazardous materials at the site. The weather on that day was overcast and frequent periods of rainfall interrupted the walk through the site; winds were approximately 5 to 10 miles per hour from the north.

The site was completely enclosed with fences. The predominant structures were Fuel Storage Tanks 1 and 2 (60,000 barrels each). Each of the two bulk fuel storage tanks was surrounded by flat, bare sand or basalt gravel and a 12-foot-high (approximate) concrete containment wall. There were thin layers of petroleum product residues in several places inside each of the containment walls. It appeared that the oil-contaminated soil, in each containment area, could be put into two or three 55-gallon drums. Tank 1 appeared to be made of steel plates covered with a black coating. Surface rust stains were obvious on all sides of the tank. One approximately 20-square-foot oil stain was observed in the containment area around Tank 1. The soil 1 foot beneath the stained area was sampled (S-4).

The steel plates of Tank 2 were covered with corrugated metal panels over an insulating material. Above-ground piping connected the tank through a series of valves to insulated pipes leading to a metal shed. Insulated pipes from the shed led to the east corner of the site. The drawings of the pipeline indicated that the insulated pipes crossed Nimitz Highway underground, and followed the curve of Nimitz Highway for approximately one mile to the Honolulu Power Plant. The above-ground portion of a cathodic protection system for the pipeline was noted on the

containment wall near Tank 1. The Honolulu Power Plant manager confirmed that the entire pipeline from Iwilei to the power plant, as well as the tank systems on both sites, were protected by an induced current cathodic protection system.

Previous episodes of fuel oil spills were reported by the manager of the Honolulu Power Plant. One occurred just inside the vehicle entrance to the site from Nimitz Highway. A Chevron pipeline failed in the soil beneath the site in 1988. He noted that little of the thick fuel escaped into the soil. Soil and ground-water samples were collected near this site (B-1).

A repeated episode occurred when the Chevron fuel line pig was removed from a section of pipe in the containment area of Tank 2. The soil in this area was covered with a thin layer of fuel at the time of our site visit. A sample was collected at a depth of 1 foot at this location (S-2).

In the containment area within Tank No. 2 were two smaller diesel fuel tanks (Nos. 3 and 4). There was no surficial evidence of leakage around either tank.

Several patches of asphalt-like material were noted on the soil near both tanks. This material appeared to be of a type which could be lifted and removed during demolition.

In the vehicle parking area along Nimitz Highway, there was a pre-engineered metal boiler house and pump control station. There was no surficial evidence of leakage or spills around this building.

During the on-site visit, HLA personnel looked for, but did not find, evidence of the following:

- Surface impoundments;
- Water or monitoring wells;

- Visual evidence of surface-water run-on or runoff;
- Treatment or disposal operations of hazardous materials and/or wastes; and
- Odors (may have been masked by rain showers).

5.2 Study Area Reconnaissance

Reconnaissance of the study area (i.e., the off-site area within a 1/4-mile radius of the site) was performed on October 4, 1989, by HLA personnel.

The site is surrounded by many bulk fuel storage tanks in "tank farms" belonging to Chevron, Aloha, Texaco, Shell, and other smaller independent oil companies. Between the site and the harbor are several block-long cargo warehouses of the Department of Transportation, Harbors Division. The site is adjacent to the point where a six-lane portion of Nimitz Highway divides around the facilities of Hilo Hattie and the macadamia nut factory. Across the highway from the site are the facilities of Dole Pineapple, Weyerhaeuser Paper, and Brewer Chemical Company. The remainder of the study area is filled with a variety of industrial facilities.

No vegetation was observed except decorative plantings around Hilo Hattie's and in front of Brewer Chemical. There was an odor of pineapple in the air. No discolored soil or other obvious signs of major surface spills or leaks were noted within the study area. Observations of these properties were made from public streets.

5.3 Review of Regulatory Agency Records

The discussion presented in this section is based on available information provided by government agencies. In addition to reviewing agency lists that contain general information about sites that have had reported problems with hazardous materials, HLA personnel reviewed agency

files for detailed information on sites that appeared on these lists. HLA also contacted agency personnel for information on additional sites that have been identified but have not yet been placed on these lists, or if there are areas of potential environmental concern that may not be covered by the available lists.

5.3.1 Review of Published Regulatory Agency Lists

As part of its assessment of whether there are areas that may pose potential environmental concerns relative to the site, HLA reviewed and evaluated the following regulatory agency lists:

- U.S. Environmental Protection Agency (USEPA) National Priorities List (NPL) for Uncontrolled Hazardous Waste Sites, July 1987 and June 1988.

The NPL provides a list of Federal Superfund sites. No business or property in the study area was included on the NPL. There currently are no Hawaiian sites on the NPL.

- USEPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), September 1983.

CERCLIS provides information for businesses or properties that are in the Federal Superfund Program. Under this program, a business or property is identified and a preliminary assessment is performed to assess whether the site shall become a Federal Superfund site.

Two properties on this list are within the study area. The properties are:

- o Brewer Chemical Company
311 Pacific Street
Honolulu, Oahu, Hawaii 96810
(1/4 mile northeast of the site)
 - o Shell Oil Company
789 Nimitz Highway
Honolulu, Oahu, Hawaii 96801
(Adjacent to the east side of the site)
- Notification of Underground Storage Tanks Listing of Owners and Operators.

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The following underground storage tanks are registered with the State of Hawaii, Department of Health, Underground Storage Tank Branch, and are within the study area:

- o Hawaiian Electric Company, Inc.
Iwilei Tank Yard (this site)
855 N. Nimitz Highway
Honolulu, Hawaii
One tank for diesel fuel
- o Brewer Chemical Company
311 Pacific Street
Honolulu, Hawaii
Two tanks
- o Weyerhaeuser Paper Company
900 N. Nimitz Highway
Honolulu, Hawaii
Two tanks
- o Shell Oil Company
Honolulu Plant
789 N. Nimitz Highway
Honolulu, Hawaii
Three tanks
- o Shell Oil Company
Honolulu Asphalt Plant
795 N. Nimitz Highway
Honolulu, Hawaii
Two tanks
- o Honolulu Marine Terminal
Chevron U.S.A.
777 N. Nimitz Highway
Honolulu, Hawaii
One tank
- o Chevron U.S.A.
933 N. Nimitz Highway
Honolulu, Hawaii
Tank removed

The listing does not indicate whether or not the tanks are leaking. Although, the Department of Health has begun to record leaking tanks recently, not all leaking tanks are detected or reported. The shallow, saline water table makes the potential for leaks high in this area.

5.3.2 Other Agency Contacts

In addition to reviewing published regulatory agency lists, HLA also contacted other agencies regarding their knowledge of potential or known environmental concerns at the site and surrounding properties. A list of the agency representatives who were contacted is presented in Appendix A; files and documents that were examined are included in Section 9.0 (Bibliography).

The fire chief at Hickam Air Force Base confirmed that a major fire occurred near the site in the early eighties. He said that the fire occurred at the Chevron fuel storage area a few hundred feet from the site. During the fire, which involved several tanks, several pipe flanges failed, and the authorities were unable to control the flow for approximately one hour. He observed "up to two feet of fuel, including gasoline" in some areas. He was not aware of how long it took to remove the fuel once the fire was extinguished (Cox, 1989).

5.4 Subsurface Investigation

Samples were collected on October 4, 5, 10, and 11. Boring B1 was drilled using a Mobile Drill B-80 drilling machine with 6-inch hollow-stem augers to bore to the approximate depth of sample collection. The remaining samples were collected using hand tools.

5.5 Sample Collection and Transport

Soil samples were collected in four locations (B-1, and S-2 through S-4 on Plate 3). At Location B-1, three distinct samples were collected at approximately 1, 6, and 9 feet below the surface. At Location B-1, the samples were collected with a split-spoon soil sampler

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driven into undisturbed soil with a 140-pound hammer. Soil from the sampler was scraped into an 8-ounce glass jar with a plastic lid and teflon seal. All equipment was decontaminated with an Alconox solution prior to each sampling episode. Sample jars were placed in an insulated, chilled cooler with new "Blue-Ice." Samples were kept chilled (approximately 4 degrees centigrade) through air-freighting to San Diego, for analysis.

The soil samples from Locations S-2 through S-4 were collected by digging through the surface soil 12 inches with a shovel, then using a stainless-steel trowel to scoop the soil beneath into 8-ounce glass jars until full with slight packing of the soil with the trowel blade. The sample equipment was washed in Alconox prior to collecting each sample. These three samples were chilled and transported to the laboratory with the samples from Location B-1.

A temporary well was constructed by inserting a 10-foot PVC well screen (and 5-foot solid pipe casing) into Boring B-1 to a depth of 14.9 feet below the surface. The water level was measured at 7.68 feet below the surface.

Prior to sampling the water, the temporary well was developed by pumping more than three well volumes of water out of the well. One day later, three more well volumes were pumped out of the well in eight increments. At the completion of each increment, the pH, conductivity, and temperature of the water were measured. The measurements stabilized around a pH of 7.56, a conductivity of 1301 micromhos, and a temperature of 33.1 degrees centigrade.

The ground-water samples were collected by lowering a teflon 100 ml bailer into the developed and purged well approximately 6 inches below the surface. Water collected was poured into glass containers (which contained preservatives added by the laboratory). The water samples were placed in a chilled shipping container with blue-ice for transport to San Diego, via air freight.

5.6 Discussion of Analytical Results

The soil samples were analyzed for two types of potential contaminants, petroleum hydrocarbons (EPA Method 418.1) and 35 volatile organic compounds (EPA Method 8240). Petroleum hydrocarbons were detected in all six soil samples, as shown on the table, "Analytical Chemistry Results," on page 17. The complete laboratory reports are presented in Appendix B. The highest concentrations of petroleum hydrocarbons were detected in samples from Boring B-1, near the site of the reported pipeline leak. A concentration of 510 mg/kg (ppm) was detected in the near-surface samples, and 2,300 mg/kg (ppm) was detected at approximately the elevation of ground water (6 feet deep). Small concentrations were found in the near-surface samples from Locations S-2, S-3, and S-4, beneath visible fuel spill residues.

No petroleum was detected floating on the water surface during sampling. Very small concentrations (0.63 ppm) of petroleum hydrocarbons were detected in ground water. This low value supports the presence of petroleum hydrocarbons in soil, and the apparent absence on the ground-water surface.

Toluene, a component of some lighter, petroleum-based product, and 2-butanone (MEK), a solvent, were detected in the near-surface sample from Boring B1 at concentrations of 0.54 and 3.3 mg/kg, respectively.

Toluene was also detected in the near-surface sample from Location S-2 at a concentration of 0.4 ppm. Neither toluene or MEK are normally associated with the heavy fuels stored on the site. The low levels detected may be either laboratory contaminants or residuals from other petroleum products which may have spilled into the soil. We noted that a small amount of toluene was detected in each of the reagent blanks analyzed with the soil samples from this site. However, if we assume that all the toluene and MEK represent actual contaminants in the soil, the amounts detected are well below the recently published "health-based criteria for systemic toxicants" (EPA, 1988), 20,000 and 4,000 mg/kg, respectively. The methylene chloride detected in the three reagent blanks is a common laboratory contaminant which was not detected during the analysis of any of the samples from the site.

Analytic Chemistry Results

	<u>Depth</u> <u>(ft.)</u>	<u>Sample</u> <u>Number</u>	<u>Percent</u> <u>Moisture</u> <u>%</u>	<u>Petroleum</u> <u>Hydrocarbons</u> <u>(mg/kg)</u>	<u>Toluene</u> <u>(mg/kg)</u>	<u>2-Butanone</u> <u>(MEK)</u> <u>(mg/kg)</u>	<u>Methylene</u> <u>Chloride</u> <u>(mg/l)</u>	<u>Acetone</u> <u>(mg/l)</u>
<u>SOILS</u>								
B-1	1.7-2.0	1	11.2	510	0.54	3.3	ND	ND
B-1	5.7-6.0	2	41.8	2300	ND	ND	ND	ND
B-1	8.7-9.0	3	28.0	7	ND	ND	ND	ND
S-2	1.0-1.2	4	20.2	24	0.4	ND	ND	ND
S-3	1.0-1.1	5	16.3	150	ND	ND	ND	ND
S-4	1.0-1.2	6	14.2	94	ND	ND	ND	ND
Reagent	Blank	1	NA	NA	0.05	ND	0.4	ND
Reagent	Blank	2	NA	NA	0.05	ND	0.41	0.75
Reagent	Blank	3	NA	NA	0.06	ND	2.61	1.0

16

WATER

				<u>(mg/l)</u>	<u>(ug/l)</u>	<u>(ug/l)</u>	<u>(ug/l)</u>	<u>(ug/l)</u>
B-1	8.0	7	NA	0.63	NA	NA	NA	NA
B-1	8.0	8	NA	NA	ND	ND	ND	ND
Reagent	Blank		NA	NA	1ug/l	ND	ND	ND

NA - Not Applicable
ND = None Detected

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6.0 OTHER AREAS OF CONCERN

During the site visit, suspected asbestos-containing materials (ACM) were observed in the insulation beneath the metal jacket on the above-ground piping along the western boundary of the site. The ACM material was observed in an exposed area of pipe undergoing maintenance. The piping reportedly belongs to Chevron, U.S.A., which provides the fuel to the storage tank from the Chevron refinery at Campbell Industrial Park. The metal jacket appears to provide a solid covering over the friable ACM insulation, protecting the environment from fiber releases. A second area of asbestos-containing materials was the wall and roof material of the boiler building. It is a non-friable type of asbestos-cement panel, known in the industry as transite.

The insulation on the above-ground piping belonging to HECO did not appear to be asbestos. The manager at the Honolulu Power Plant confirmed that the insulation had been checked and found to be made from non-asbestos-containing materials. He also indicated that the insulation around Tank 2 was not an asbestos-containing material.

As required by the National Emission Standards for Hazardous Air Pollutants (NESHAP), suspect ACM must be sampled and analyzed for asbestos content prior to any remodeling, renovation, or demolition activities. No disassembly of fuel lines was performed during the site investigation. It is likely that the gaskets in the heated fuel lines contain asbestos fibers if the gaskets are more than 10 years old.

One underground fuel tank (UST), containing fuel for the boilers, was seen next to the boiler building. The drawings of the site indicate the tank may be more than twenty years old. The tank is scheduled for removal before December 22, 1989.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The asbestos insulation on the above-ground fuel supply pipes along the western boundary of the site poses little hazard. The asbestos is usually completely covered with sheet-metal jacketing. The small area of internal insulation viewed during the site visit was exposed as a result of a maintenance action since completed. The insulation must be removed in accordance with NESHAP standards prior to removing the pipes from the site.

There is an undetermined amount of petroleum beneath the site. The samples were collected in areas of suspected fuel leaks and therefore may reflect only the residual chemicals from the former spill or leak. However, the site is located in an area which has over 100 large bulk fuel storage tanks, including two heavy fuel and two diesel tanks on the property. HLA has consistently found petroleum products in the subsurface in other nearby locations. It is likely there is some concentration of petroleum hydrocarbons beneath more of the site than the areas sampled.

The highest concentrations of petroleum hydrocarbons detected are significant. Neither the federal government nor the State of Hawaii have established standards for allowable concentrations of petroleum hydrocarbons in soil or water. States which have established standards for petroleum hydrocarbons in soil frequently use 100 mg/kg as an "action level." The "action level" is usually negotiable depending on soil type, nearness to drinking water sources, and uses of the site, etc. However, HLA has found that concentrations above 500 mg/kg always require action. Some states have established standards for classifying soil as a hazardous waste. For example, California uses 1,000 mg/kg of petroleum hydrocarbons as the lower limit for hazardous waste classification. Some of the samples from this site exceed the reference standards cited above.

Additional sampling of the soil, particularly near the water table would provide a clearer picture of the extent of contamination. It is doubtful that, even with additional sampling, the source(s) of the contamination could be established.

8.0 LIMITATIONS

The PSA activities were conducted in accordance with practices and procedures generally accepted in the consulting engineering field. Information presented in this report does not confirm the presence of significant subsurface contamination throughout the property, but indicates that there is a likelihood that it is present. Our professional judgment in assessing the potential for contamination was based on limited data; no other warranty is given or implied by this report. A comprehensive assessment that would include a more extensive surface and/or subsurface investigation and chemical analyses of soil and/or ground-water samples, would provide more definitive information concerning site-specific conditions.

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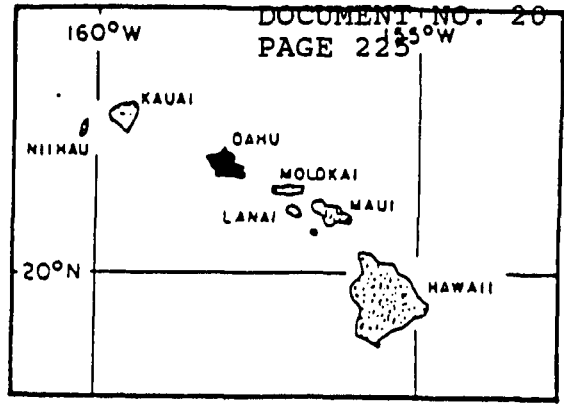
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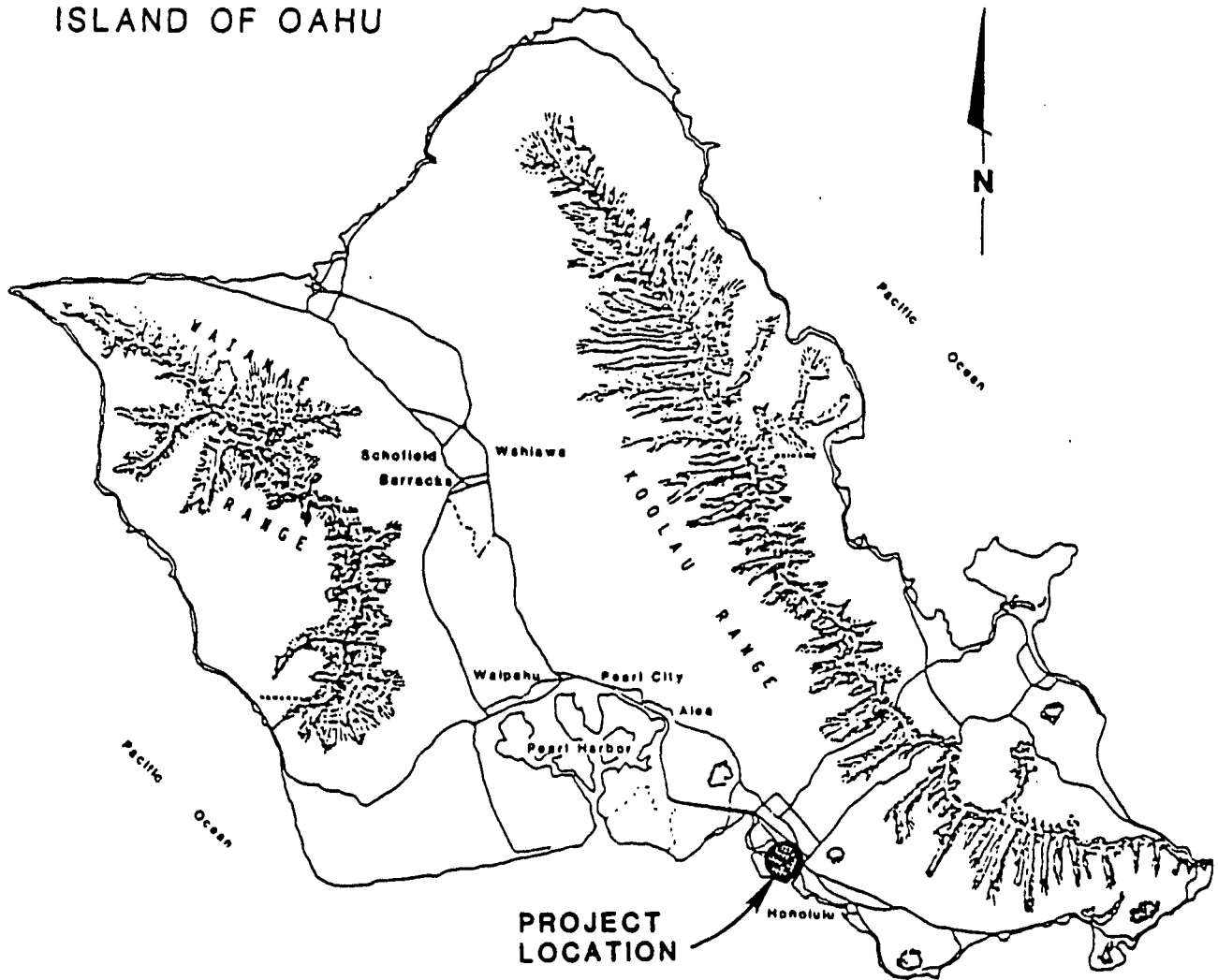
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Harding Lawson Associates

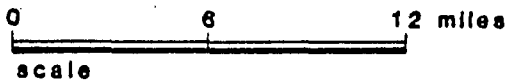
ILLUSTRATIONS



ISLAND OF OAHU



PROJECT LOCATION



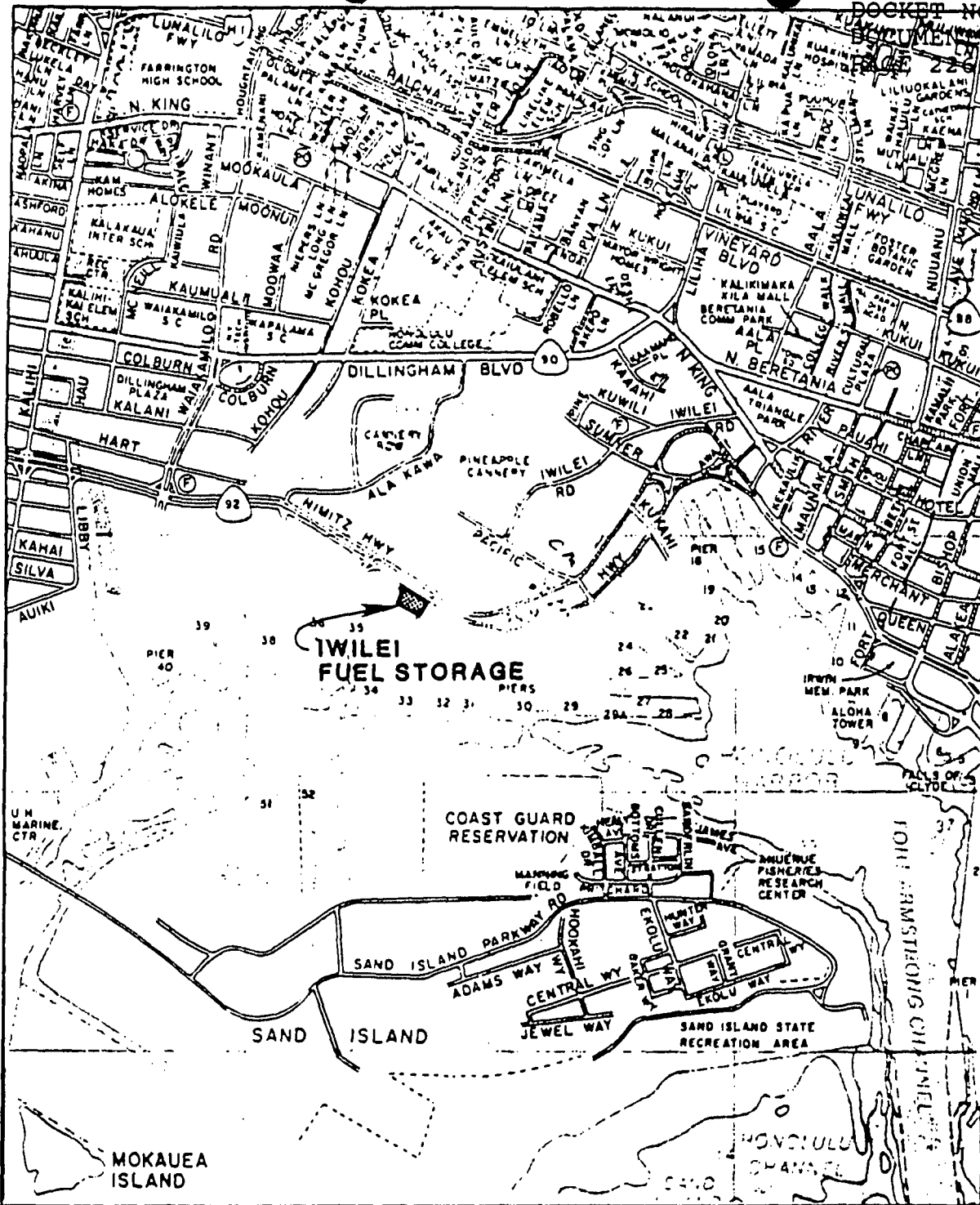
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 Engineering and
 Environmental Services

Location Map
 Iwilei Fuel Storage Area
 Honolulu, Oahu, Hawaii

PLATE

1

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
kar	17153,033.06	<i>[Signature]</i>	10/89	



Harding Lawson Associates
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 Environmental Services

Vicinity Map
 Iwilei Fuel Storage Area
 Honolulu, Oahu, Hawaii

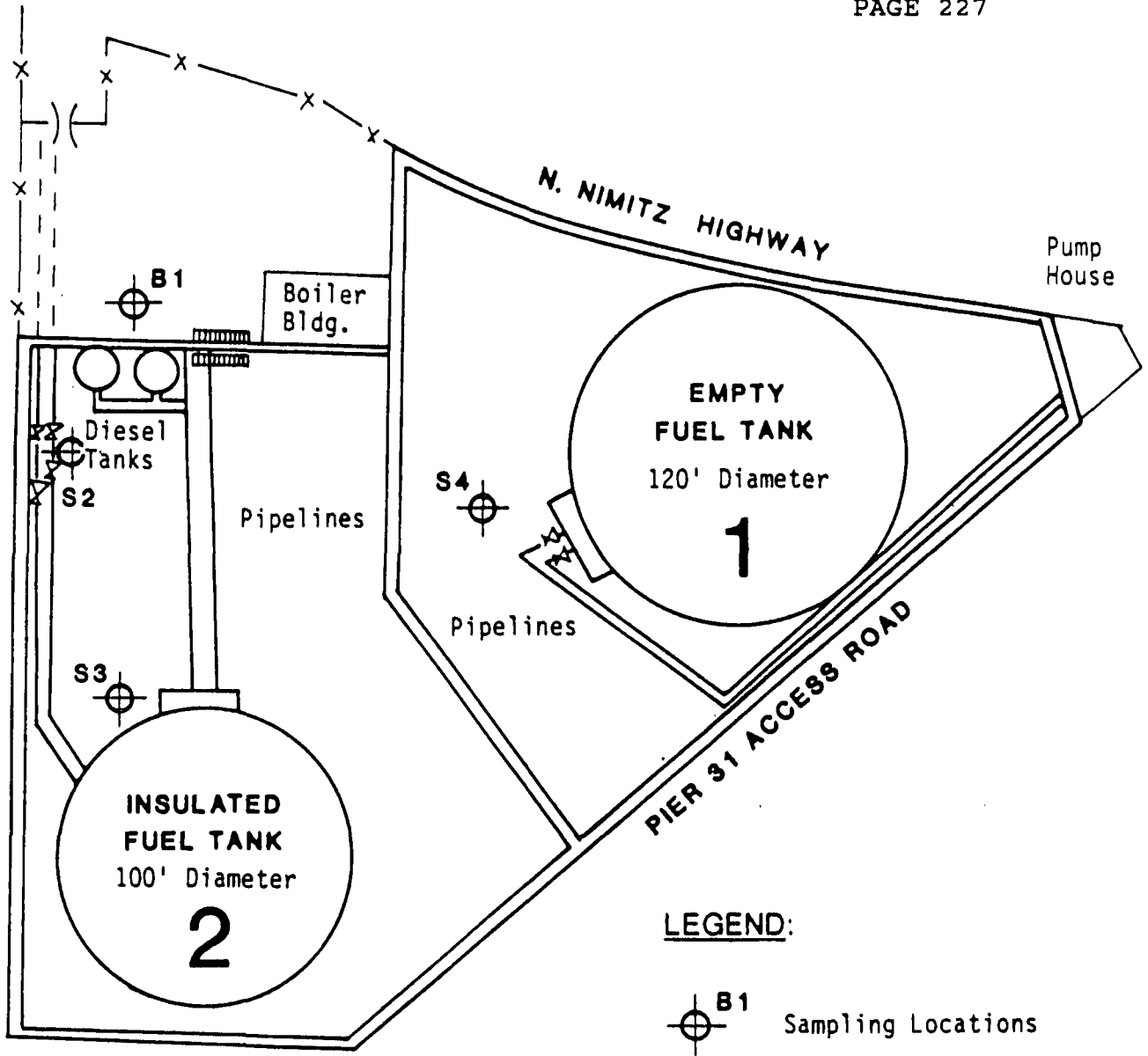
PLATE
2

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 JOB NUMBER 17153,033.06

APPROVED *[Signature]*

DATE 10/89

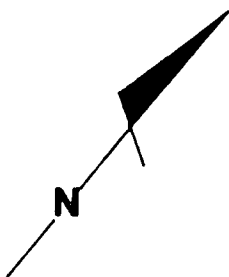
REVISED DATE



LEGEND:

Sampling Locations

PIERS 31-33



NOT TO SCALE



Harding Lawson Associates
 Engineering and
 Environmental Services

Site Plan
 Iwilei Fuel Storage Area
 Honolulu, Oahu, Hawaii

PLATE

3

DRAWN kar	JOB NUMBER 17153,033.06	APPROVED 	DATE 10/89	REVISED DATE
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APPENDIX A

AGENCIES AND PERSONNEL CONTACTED

AGENCIES AND PERSONNEL CONTACTED

The following agencies and respective personnel were contacted regarding their knowledge of the site's history and of potential or known environmental concerns at the site or surrounding properties. The results of these contacts are presented in Section 5.3.2 (Other Agency Contacts) of this report.

- Ms. Roxanne Lau
Underground Storage Tank Branch
Hazardous Waste Program Office
State of Hawaii, Department of Health
5 Waterfront Plaza, Suite 250
Honolulu, Hawaii 96813
Phone: 808/543-8235
Date: October 12, 1989

- Mr. Frank Cox
Fire Chief
Hickam Air Force Base, Hawaii 96818
Phone: 808/449-2944
Date: October 12, 1989

- Ms. Grace Simmons
Hazardous Waste Program Inspection Section
Hazardous Waste Program Office
State of Hawaii, Department of Health
5 Waterfront Plaza, Suite 250
Honolulu, Hawaii 96813
Phone: 808/543-8242
Date: October 12, 1989

- Ms. Nancy Woo
Superfund Office
Hazard Evaluation and Emergency Response Program
State Of Hawaii, Department of Health
5 Waterfront Plaza, Suite 250
Honolulu, Hawaii 96813
Phone: 808/543-8249
Date: October 12, 1989

APPENDIX B
LABORATORY REPORTS



ATI I.D. 910124

October 23, 1989

Harding Lawson Associates
803 Kamehameha Highway #404
Pearl City, Hawaii 96782

RECEIVED
OCT 21 1989
HARDING LAWSON ASSOCIATES
HONOLULU, HAWAII

Project Name: Iwilei Fuel Storage Area

Project No.: 17153,033.06

Attention: David Manchester

On October 9, 1989, Analytical Technologies, Inc. received six soil samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of these analyses and the quality control data are enclosed.

Carolyn A. Sites
for Carolyn A. Sites
GC/MS Supervisor

Richard M. Amano
Laboratory Manager

CAS:nm



ANALYTICAL SCHEDULE

CLIENT: HARDING LAWSON ASSOCIATES
PROJECT NAME: IWILEI FUEL STORAGE AREA

PROJECT NO.: 17153,033.06

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PERCENT MOISTURE	GRAVIMETRIC	METHOD 7-2.2 in Methods of Soil Analysis, American Society of Agronomy
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
VOLATILE ORGANICS	GC/MS	EPA 8240



Analytical Technologies, Inc.

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEI FUEL STORAGE AREA
ATI I.D. : 910124

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REPORT DATE : 10/23/89

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	8940IWI-1	SOIL	10/04/89
02	8940IWI-2	SOIL	10/04/89
03	8940IWI-3	SOIL	10/04/89
04	8940IWI-4	SOIL	10/05/89
05	8940IWI-5	SOIL	10/05/89
06	8940IWI-6	SOIL	10/05/89

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	6

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEI FUEL STORAGE AREA

DATE RECEIVED : 10/09/89
REPORT DATE : 10/23/89

PARAMETER	UNITS	01	02	03	04	05
% MOISTURE	%	11.2	41.8	28.0	20.2	16.3
PETROLEUM HYDROCARBONS, IR	MG/KG	510	2300	7	24	150



ATI I.D. : 910124

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEI FUEL STORAGE AREA

DATE RECEIVED : 10/09/89

REPORT DATE : 10/23/89

PARAMETER	UNITS	06
% MOISTURE	%	14.2
PETROLEUM HYDROCARBONS, IR	MG/KG	94



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEI FUEL STORAGE AREA

ATI I.D. : 910124

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
MOISTURE (%)		91012303	16.1	14.3	11.	N/A	N/A	N/A
MOISTURE (%)		91012406	14.2	15.0	5.5	N/A	N/A	N/A
PETROLEUM HYDROCARBONS	MG/KG	91012406	94	96	2	190	107	89

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

ATI I.D. : 91012401

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/04/89
PROJECT #	: 17153,033.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940IWI-1	DATE ANALYZED	: 10/17/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	3.3
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.54
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	90
BFB (%)	94
TOLUENE-D8 (%)	92



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012401

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

227 METHYL ACETATE	10
451 OXYGENATED HYDROCARBON C5	3
526 OXYGENATED HYDROCARBON C6	3
731 OXYGENATED HYDROCARBON C6	2



ATI I.D. : 91012402

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/04/89
PROJECT #	: 17153,033.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940IWI-2	DATE ANALYZED	: 10/17/89
- SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 2

COMPOUNDS	RESULTS
CHLOROMETHANE	<1.0
BROMOMETHANE	<1.0
VINYL CHLORIDE	<0.10
CHLOROETHANE	<0.10
METHYLENE CHLORIDE	<0.6
ACETONE	<2.0
CARBON DISULFIDE	<0.10
1,1-DICHLOROETHENE	<0.10
1,1-DICHLOROETHANE	<0.10
1,2-DICHLOROETHENE (TOTAL)	<0.10
CHLOROFORM	<0.10
1,2-DICHLOROETHANE	<0.10
2-BUTANONE (MEK)	<2.0
1,1,1-TRICHLOROETHANE	<0.10
CARBON TETRACHLORIDE	<0.10
VINYL ACETATE	<1.0
BROMODICHLOROMETHANE	<0.10
1,1,2,2-TETRACHLOROETHANE	<0.10
1,2-DICHLOROPROPANE	<0.10
TRANS-1,3-DICHLOROPROPENE	<0.10
TRICHLOROETHENE	<0.10
DIBROMOCHLOROMETHANE	<0.10
1,1,2 TRICHLOROETHANE	<0.10
BENZENE	<0.10
CIS-1,3-DICHLOROPROPENE	<0.10
2-CHLOROETHYLVINYLEETHER	<1.0
BROMOFORM	<0.6
2-HEXANONE (MBK)	<1.0
4-METHYL-2-PENTANONE (MIBK)	<1.0
TETRACHLOROETHENE	<0.10
TOLUENE	<0.10
CHLOROBENZENE	<0.10
ETHYL BENZENE	<0.10
STYRENE	<0.10
TOTAL XYLENES	<0.10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	72
BFB (%)	74
TOLUENE-D8 (%)	74



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012402

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

728	CYCLOHYDROCARBON	0.3
834	PROPYLCYCLOHEXANE	0.5
874	ETHYLPROPYLCYCLOHEXANE	0.5

ATI I.D. : 91012403

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/04/89
PROJECT =	: 17153,033.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940IWI-3	DATE ANALYZED	: 10/13/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	78
BFB (%)	91
TOLUENE-D8 (%)	86



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012403

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

ATI I.D. : 91012404

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/05/89
PROJECT #	: 17153,033.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940IWI-4	DATE ANALYZED	: 10/17/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.4
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	82
BFB (%)	81
TOLUENE-D8 (%)	78



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012404

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

- NONE DETECTED

N/A



ATI I.D. : 91012405

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/05/89
PROJECT #	: 17153,033.06	DATE RECEIVED	: 10/09/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	: 10/10/89
CLIENT I.D.	: 8940IWI-5	DATE ANALYZED	: 10/17/89
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	77
BFB (%)	90
TOLUENE-D8 (%)	89



Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATIVE)

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TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012405

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

ATI I.D. :

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	:
PROJECT #	: 17153,033.06	DATE RECEIVED	:
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE EXTRACTED	:
CLIENT I.D.	: 8940IWI-6	DATE ANALYZED	:
SAMPLE MATRIX	: SOIL	UNITS	:
		DILUTION FACTOR	:

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	82
BFB (%)	92
TOLUENE-D8 (%)	92



Analytical Technologies,

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

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DOCUMENT NO. 20
PAGE 248

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91012406

MATRIX : SOIL

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A

REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910124
PROJECT #	: 17153,033.06	DATE EXTRACTED	: 10/10/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE ANALYZED	: 10/16/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.4
ACETONE	<1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLEETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	95
BFB (%)	102
TOLUENE-D8 (%)	101



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910124

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910124
PROJECT #	: 17153,033.06	DATE EXTRACTED	: 10/10/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE ANALYZED	: 10/17/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	0.41
ACETONE	0.75
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.05
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	83
BFB (%)	91
TOLUENE-D8 (%)	91



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910124

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910124
PROJECT =	: 17153,033.06	DATE EXTRACTED	: 10/13/89
PROJECT NAME	: IWILEI FUEL STORAGE AREA	DATE ANALYZED	: 10/18/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	2.6
ACETONE	1.0
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<1.0
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2 TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYL VINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	0.06
CHLOROBENZENE	<0.05
ETHYL BENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	99
BFB (%)	108
TOLUENE-D8 (%)	105

REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910124

UNITS : MG/KG

COMPOUNDS

RESULTS

NONE DETECTED

N/A



ATI I.D. : 910124

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEI FUEL STORAGE AREA
REF I.D. : 91012406

DATE EXTRACTED : 10/10/89
DATE ANALYZED : 10/18/89
SAMPLE MATRIX : SOIL
UNITS : MG/KG

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	%	DUP. SPIKED		RPD
	RESULT	SPIKED			SAMPLE REC.	SAMPLE REC.	
1,1-DICHLOROETHENE	<0.05	2.5	2.0	79	2.1	86	8
TRICHLOROETHENE	<0.05	2.5	2.3	92	2.5	100	8
CHLOROBENZENE	<0.05	2.5	2.6	103	2.7	108	5
TOLUENE	<0.05	2.5	2.6	103	2.6	104	1
BENZENE	<0.05	2.5	2.3	93	2.4	96	3

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



Analytical **Technologies**, Inc.

Corporate Office: 1111 Wai'aleale Ave., Suite 100, Lihue, HI 96766

CA-SIR-1002
DOCKET NO. 6600
DOCUMENT NO. 20
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ATI I. O. 910214
OCT 30 1989

HARDING LAWSON ASSOCIATES
HONOLULU, HAWAII

October 27, 1989

Harding Lawson Associates
803 Kamehameha Highway #404
Pearl City, Hawaii 96782

Project Name: Iwilea Storage Area

Project No.: 17153,033.06

Attention: Ron Soroos

On October 13, 1989, Analytical Technologies, Inc. received two water samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference.

The results of these analyses and the quality control data are enclosed.

Carolyn A. Sites

Carolyn A. Sites
GC/MS Supervisor

CAS:nm

Richard M. Amano
Laboratory Manager



ANALYTICAL SCHEDULE

CLIENT: HARDING LAWSON ASSOCIATES
PROJECT NAME: IWILEA TANK STORAGE

PROJECT NO.: 17153,033.06

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
PETROLEUM HYDROCARBONS	IR	EPA 418.1 (MODIFIED)
VOLATILE ORGANICS	GC/MS	EPA 8240



Analytical Technologies, Inc.

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEA TANK STORAGE
ATI I.D. : 910214

CA-SIR-1002
DOCKET NO. 6600
DOCUMENT NO. 20
DATE RECEIVED : 10/13/89
REPORT DATE : 10/27/89

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	8941IW07	WATER	10/10/89
02	8941IW08	WATER	10/10/89

----- TOTALS -----

MATRIX	# SAMPLES
WATER	2

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEA TANK STORAGE

DATE RECEIVED : 10/13/39
REPORT DATE : 10/27/39

PARAMETER	UNITS	01
PETROLEUM HYDROCARBONS, IR	MG/L	0.63



CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEA TANK STORAGE

ATI I.D. : 910214

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
PETROLEUM HYDROCARBONS	MG/L	91006701	<0.05	<0.05	0	3.8	4.3	88

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

ATI I.D. : 91021402

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	DATE SAMPLED	: 10/10/89
PROJECT #	: 17153,033.06	DATE RECEIVED	: 10/13/89
PROJECT NAME	: IWILEA TANK STORAGE	DATE EXTRACTED	: N/A
CLIENT I.D.	: 8941IW08	DATE ANALYZED	: 10/24/89
SAMPLE MATRIX	: WATER	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	<5
ACETONE	<20
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	<1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	84
BFB (%)	100
TOLUENE-D8 (%)	98



Analytical **Technologies, Inc.**

ADDITIONAL COMPOUNDS (SEMI-QUANTITATIVE)

CA-SIR-1002
DOCKET NO. 6600
DOCUMENT NO. 20
PAGE 262

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 91021402

MATRIX : WATER

UNITS : UG/L

COMPOUNDS

RESULTS

- NONE DETECTED

N/A



REAGENT BLANK

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT	: HARDING LAWSON ASSOC.-PEARL CITY	ATI I.D.	: 910214
PROJECT #	: 17153,033.06	DATE EXTRACTED	: N/A
PROJECT NAME	: IWILEA TANK STORAGE	DATE ANALYZED	: 10/24/89
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
-----------	---------

CHLOROMETHANE	<10
BROMOMETHANE	<10
VINYL CHLORIDE	<1
CHLOROETHANE	<1
METHYLENE CHLORIDE	<5
ACETONE	<20
CARBON DISULFIDE	<1
1,1-DICHLOROETHENE	<1
1,1-DICHLOROETHANE	<1
1,2-DICHLOROETHENE (TOTAL)	<1
CHLOROFORM	<1
1,2-DICHLOROETHANE	<1
2-BUTANONE (MEK)	<20
1,1,1-TRICHLOROETHANE	<1
CARBON TETRACHLORIDE	<1
VINYL ACETATE	<10
BROMODICHLOROMETHANE	<1
1,1,2,2-TETRACHLOROETHANE	<1
1,2-DICHLOROPROPANE	<1
CIS-1,3-DICHLOROPROPENE	<1
TRICHLOROETHENE	<1
DIBROMOCHLOROMETHANE	<1
1,1,2 TRICHLOROETHANE	<1
BENZENE	<1
TRANS-1,3-DICHLOROPROPENE	<1
2-CHLOROETHYLVINYLEETHER	<10
BROMOFORM	<5
2-HEXANONE (MBK)	<10
4-METHYL-2-PENTANONE (MIBK)	<10
TETRACHLOROETHENE	<1
TOLUENE	1
CHLOROBENZENE	<1
ETHYL BENZENE	<1
STYRENE	<1
TOTAL XYLENES	<1

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	98
BFB (%)	104
TOLUENE-D8 (%)	102



REAGENT BLANK

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY

ATI I.D. : 910214

UNITS : UG/L

COMPOUNDS

RESULTS

NONE DETECTED

N/A



TEST : EPA 8240 (GC/MS FOR VOLATILE ORGANICS)

ATI I.D. : 910214

CLIENT : HARDING LAWSON ASSOC.-PEARL CITY
PROJECT # : 17153,033.06
PROJECT NAME : IWILEA TANK STORAGE
REF I.D. : 91013801DATE EXTRACTED : N/A
DATE ANALYZED : 10/19/89
SAMPLE MATRIX : WATER
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP.		RPD
					SPIKED SAMPLE	% REC.	
1,1-DICHLOROETHENE	<1.0	50	48	96	46	92	4
TRICHLOROETHENE	<1.0	50	51	102	50	100	2
CHLOROBENZENE	<1.0	50	56	112	55	110	2
TOLUENE	<1.0	50	52	104	52	104	0
BENZENE	<1.0	50	51	102	49	98	4

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



Appendix D-12 Release Report Form

Purpose of this form: This form is to be completed by HART's Contractor that encountered/observed the release during construction. If an environmental release occurs notification is required. See Section 6.0 of the EHMP for more information.

RELEASE INFORMATION

HDOH Release Identification #: 20230406-0903 AT

Name and Affiliation of Person Completing Form: Jennifer Cruz / FVCC

Date and time: 04/14/23 2:40 pm

INCIDENT INFORMATION

Date and time of the incident: 04/05/23 10:30 pm

Weather at time of incident:

Temperature: 79 degrees Sunny Partly Cloudy Rainy Wind (Direction/Speed):

Damage to Structures: Yes (No) Catastrophic Release (e.g., fire, explosion): Yes (No) Other:

Types of environmental release (please check all that applies):

- Hydrocarbon sheen on surface water or groundwater
- Any amount of free product observed
- Discovery of a potentially hazardous material, including contaminated soil and or groundwater
- Any visual evidence of contamination (e.g., staining, ash, asphalt, construction debris, illegal dumping)
- Any olfactory evidence of contamination or a PID reading >10 ppm
- Any amount of oil >25 gallons released to the environment and not contained with 72 hours
- Other: Black Fuel/Oil

Media into which the release occurred or is likely to occur (Indicate all those that apply):

Air Soil Groundwater Stream Ocean Other: _____

Does this incident require initiation of Stop Work procedures? Yes / No

Name (trade and chemical) of the hazardous substance released: Black Fuel/Oil from abandoned 12" fuel line

Approximate quantity of the hazardous substance released: Less than a gallon

Location of release:

GPS Coordinates: -21.18245, 157.51496

TMK Number: _____

Address: Nimitz Hwy & Bishop Street Intersection

Describe how the incident occurred including the potential source:

Existing Abandoned 12" Fuel Line to be removed, approximately 7' below grade surface. A pocket of residual fuel leaked out of the 1" hole, less than a gallon of oil leaked out into surrounding excavation

Field Measurements:

Ambient PID reading
(ppm): _____

Headspace PID reading
(ppm) and depth interval:

Other: _____

Duration of the release: Less than 5 minutes

RESPONSE INFORMATION

Describe corrective actions taken to eliminate the source of the release:

Fuel Oil & affected contaminated materials were contained and disposed by Unitek who was currently on site abating the asbestos on the existing pipe. Pipe was temporarily plugged and PCS was on site Wednesday 04/12/23 & 04/13/23 to tap existing line and extract residual fuel/oil.

Reuse in Work Area:

- Groundwater reinjected/reinfiltrated within work area where generated? Yes/No
- Soil returned to excavation? Yes/No

Temporary Storage Details:

- Volume of soil stored: n/a cubic yards
- Volume of water stored: n/a cubic yards
- Location of stored stockpiles/containers/tanks: n/a
- Contaminated stockpiles segregated and labeled in accordance with EHMP? Yes/No n/a
- Stockpiles/containers stored in accordance with EHMP? Yes/No n/a

NOTIFICATION INFORMATION

Name	Phone
HART POC (Caller) Name: <u>Cori Pietrangelo</u>	808-225-9807
HART POC Name: _____	
HART Health and Safety Manager Name: <u>Dave Goeres</u>	801-635-8681
On-Site Construction POC Name: <u>Wai Yi Ng</u>	808-371-9165
Property Owner Name: _____	

List the names of other federal, state, or local government agencies that have been notified of the release:

HDOH HEER, HDOT

HEALTH INFORMATION

Was there any immediate danger to life and/or health posed by the release? Yes/No

Known or anticipated acute health risks:

- Was PPE used properly? Yes/No
- Was the workspace atmosphere monitored for dust and vapors? Yes/No
- Was HART's H&S Contractor consulted? Yes/No

Known or anticipated chronic health risks:

- Was PPE used properly? Yes/No
- Was the workspace atmosphere monitored for dust and vapors? Yes/No
- Was HART's H&S Contractor consulted? Yes/No

Was advice regarding medical attention necessary for exposed individuals? Yes/No

Potential impacts to public health or welfare:

- Is the release in a residential area? Yes/No
- Is the release in a commercial area? Yes/No

- Is the release below the surface? Yes/No
- Is the release covered with asphalt, cement, or vegetation? Yes/No

Potential impacts to the environment:

- Is the release less than 150 meters from surface water? Yes/No
- Is the release below the surface? Yes/No
- Is the release within groundwater? Yes/No
- Is the release covered with asphalt, cement, or vegetation? Yes/No

FOLLOW-UP INFORMATION REQUIRED:

Information to be submitted to HDOH:

- Limited reuse/waste characterization sample analytical results
- Soil disposition information including volume of soil reused, location of reused soil, volume of soil disposed of at a permitted off-site facility, and location of the permitted off-site facility
- Groundwater disposition information including volume of water disposed of at a permitted off-site facility and location of the permitted off-site facility

Check the box for information attached to this form:

- Photographs
- Maps
- Laboratory data
- Other: _____

SIGNATURE

“I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the submitted info is true, accurate, and complete.”

Signature: _____
 Printed Name: Jennifer Cruz
 Title: ESCP Coordinator
 Company: Frank V. Coluccio Constrution Co. Inc.

Date: 04/17/23

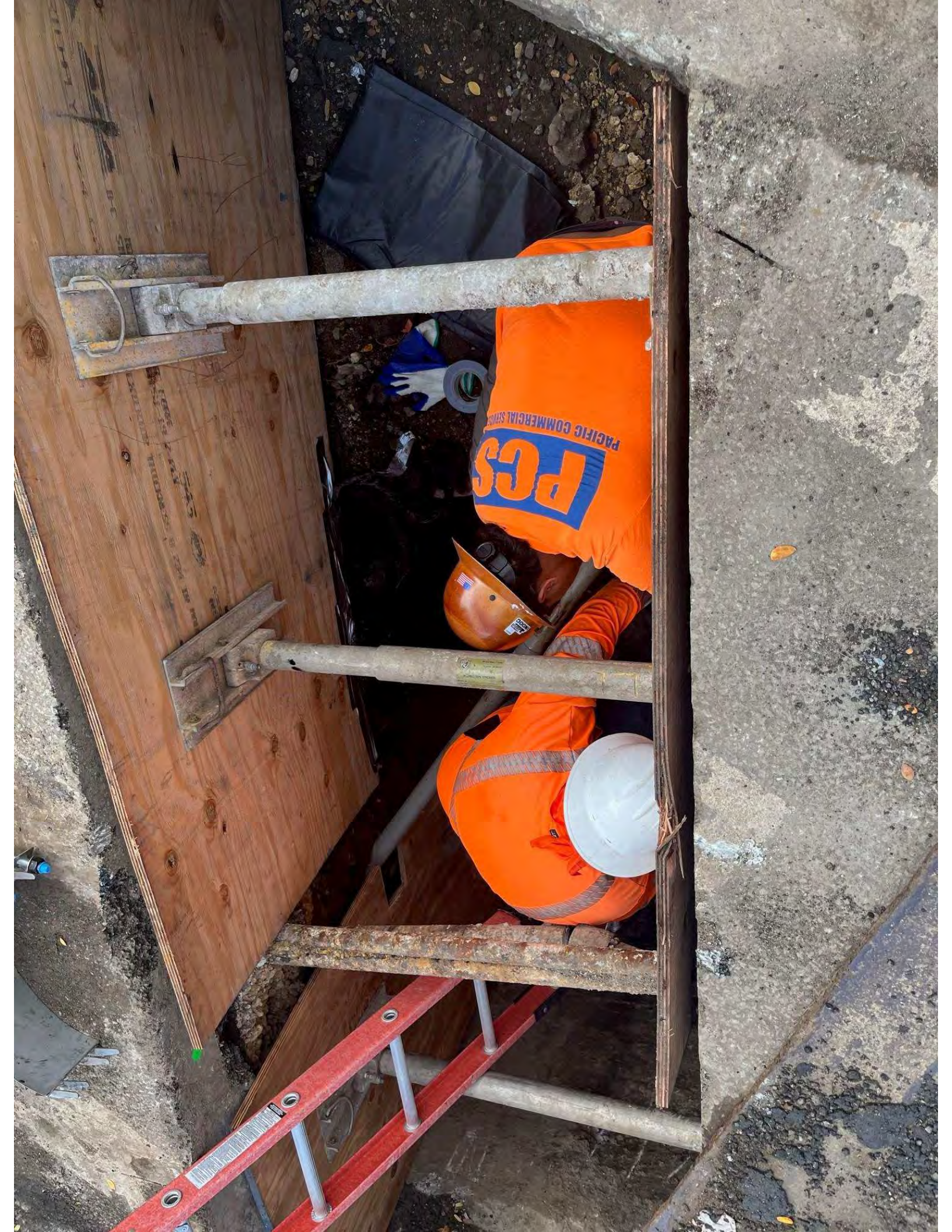




04/05/2023 10:28 PM



04/05/2023 10:59 PM





REVISION 0

Phase II Environmental Site
Assessment Report for the
Downtown Station Makai Lot
Honolulu, Oahu, Hawaii

Honolulu Rail Transit Project

February 2021

Prepared for



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Appendixes

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Abbreviations and Acronyms

$\mu\text{g}/\text{m}^3$	microgram(s) per meter cubed
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
$\text{atm m}^3/\text{mol}$	atmosphere cubic meter per mole
bgs	below ground surface
C/I	commercial/industrial
CH2M	CH2M HILL
Cl^-	chloride
COC	chemical of concern
COPC	chemical of potential concern
CSM	conceptual site model
DCA	Dichloroethane
DPS	direct-push system
DU	decision unit
DWNT	drinking water is not threatened
EAL	environmental action level
EHE	environmental hazard evaluation
EHMP	environmental hazard management plan
ESA	Environmental Site Assessment
GPR	ground-penetrating radar
Hawaiian Electric	Hawaiian Electric Company
HART	Honolulu Authority for Rapid Transportation
HDOH	State of Hawaii Department of Health
HEER	Hazard Evaluation and Emergency Response
hp	horsepower
HRTPT	Honolulu Rail Transit Project
LNAPL	light non aqueous phase liquid
<i>makai</i>	oceanward
<i>mauka</i>	mountainward
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
MIS	Multi-increment Sampling
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	trichloroethylene

ABBREVIATIONS AND ACRONYMS

PCS	petroleum-contaminated soil
PID	photoionization detector
ppm	parts per million
PVC	polyvinyl chloride
REC	recognized environmental condition
RCRA	Resource Conservation and Recovery Act
SVOC	semivolatile organic compound
TCLP	toxicity characteristics leaching procedure
TGM	<i>Technical Guidance Manual for the Implementation of the Hawaii State Contingency Plan</i>
TMK	tax map key
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons, diesel-range organics
TPH-g	total petroleum hydrocarbons, gasoline-range organics
TPH-o	total petroleum hydrocarbons, oil-range organics
UIC	underground injection line
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

1.0 Introduction

The Honolulu Authority for Rapid Transportation (HART) contracted CH2M HILL (CH2M) to perform Phase II Environmental Site Assessment (ESA) activities for the area where the Downtown Station (also known as Kuloloia Station) will be constructed along the 20-mile corridor of the Honolulu Rail Transit Project (HRTTP) (Figure 1-1). Within this area, the site under assessment includes both the mountainward (*mauka*) and oceanward (*makai*) portions of the station, as well as the locations of the shaft that will be drilled within the site boundary to install the guideway and station columns. This report covers the Phase II ESA conducted at the Downtown Station Makai Lot (also referred to as the site), in a portion of the Honolulu Power Plant property currently owned and operated by the Hawaiian Electric Company (Hawaiian Electric). The site occupies an approximately 9,778 square foot area within a portion of Tax Map Key (TMK) 2-1-014-006, located at 170 Aloha Tower Drive, Honolulu, Hawaii, 96813.

Phase I ESAs conducted at the site in the past identified environmental concerns and the need for further investigation. A Phase II ESA was therefore conducted between August and October 2020 in accordance with the Project Work Plan (HART, 2019), the State of Hawaii Department of Health (HDOH) *Technical Guidance Manual for the Implementation of the Hawaii State Contingency Plan* (TGM) (HDOH, 2008 and subsequent updates), and the methodology required by the American Society for Testing and Materials (ASTM) *Standard E1903-11 Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM, 2011). For the design and implementation of this Phase II ESA, HART applied for and obtained a grant from the U.S. Environmental Protection Agency (USEPA) Brownfields Section (Grant ID# 99T63501); therefore, the Project Work Plan was reviewed and approved by both HDOH and USEPA.

This report describes the activities and results of the Phase II ESA investigation conducted at the Downtown Station Makai Lot between August and October 2020.

1.1 Project Objectives and Scope

To identify and delineate the extent of potential contamination identified during previous assessments, a Phase II ESA was conducted at the site from August through October 2020. The specific objectives of the Phase II ESA included the following:

- Evaluate the potential presence of contamination in the unsaturated soil (vadose zone), groundwater, and soil vapor at the site.
- Evaluate soil and groundwater management options ahead of construction.
- Describe the conceptual site model (CSM), to identify potential sources, receptors, and exposure pathways.
- Assess risk to current and future potential receptors.
- Identify the areas and volumes of contaminated soil and groundwater potentially requiring remedial actions.

To meet the site characterization objectives, the following main activities were conducted at the site:

- Land surveying and utility clearance.
- Drilling and soil sampling.
- Installation of temporary monitoring wells and groundwater sampling.
- Installation of soil vapor probes and soil vapor sampling.

- Laboratory analysis.

1.2 Document Organization

Following this introductory section, this report is structured as follows:

- **Section 2.0, Project Background**, provides a description of the site, a summary of the history, previous relevant investigations conducted at the site and its vicinity, and a brief discussion on the applicable regulatory framework and environmental action levels (EALs).
- **Section 3.0, Site Characterization Activities and Results**, describes the investigation activities conducted at the site, outlines deviations from the Project Work Plan, and summarizes the results.
- **Section 4.0, Updated Conceptual Site Model and Environmental Hazard Evaluation**, presents the CSM and evaluates the potential environmental hazards posed by chemicals of potential concern (COPCs) detected above the HDOH unrestricted Tier 1 EALs during the Phase II ESA investigation.
- **Section 5.0, Environmental Hazard Management Plan**, describes soil and soil vapor management options to address areas and volumes where unacceptable risks or hazards were identified during the environmental hazard evaluation (EHE).
- **Section 6.0, Summary of Results and Recommendations**, summarizes activities and results of the Phase II ESA investigation and provides recommendations to manage contaminated soil and soil gas at the site.
- **Section 7.0, References**, lists documents used or referred to during the preparation of this report.

Figures, tables, and appendixes are provided following the text and present the following supporting information:

- **Appendix A, Site Historical Information and Aerial Photographs**, includes relevant information that helps to better understand history of the site and past investigation results.
- **Appendix B, Photo Log**, provides representative photographs from the Phase II ESA activities.
- **Appendix C, Field Forms**, includes relevant field forms (for example, boring logs, well construction diagram, groundwater purging logs, and soil vapor sampling log).
- **Appendix D, Site Release Report**, provides the release report submitted to the HDOH Hazard Evaluation and Emergency Response (HEER) office to notify the regulatory agency that grossly impacted soil was observed in the subsurface during the Phase II ESA activities.
- **Appendix E, Laboratory Reports**, includes the laboratory reports for soil, groundwater, and soil vapor sample analyses. *[Because of the large size of the files, the lab reports will only be provided electronically on CD-ROM.]*

2.0 Project Background

A general description, history, and information on the environmental characteristics of the site are provided in Section 2.1. A brief summary of geology and hydrogeology (Section 2.2), previous investigations (Section 2.3), and the regulatory framework (Section 2.4) are also provided to establish the basis for the Phase II ESA activities discussed in Sections 3.

2.1 Site Description, History, and Land Use

The Downtown Station Makai Lot is located within the downtown Honolulu urban area on the northern corner of the Hawaiian Electric Honolulu Power Plant property (Figure 1-1). The site occupies approximately 9,778 square feet of the plant, which totals an area of 149,644 square feet. The Honolulu Power Plant is located at 170 Aloha Tower Drive, Honolulu, Hawaii, 96813 within TMK 2-1-014-006, and is bound to the north by Bishop Street, to the south by Richards Street, to the west by Aloha Tower Drive, and to the east by Ala Moana Boulevard.

The Honolulu Power Plant dates back to 1893, when Hawaiian Electric purchased lots at Alakea and Halekauwila for construction of a new plant to supply electricity to Honolulu customers in accordance with the 10-year franchise granted by the Hawaiian Government on May 3, 1893. The Hawaiian Electric complex at Alakea began operations in 1894, and contained two boilers, two steam engines (150 horsepower [hp] and 200 hp), a 2,000 light Thompson-Houston alternating-current generator, and two 720 light Edison dynamos (U.S. Department of Interior, 2017). The 1894 Hawaiian Electric complex occupied half of the block bound by Halekauwila Street to the northeast, Kilauea Street to the Northwest, Allen Street to the Southwest, and Alakea Street to the Southeast (see Sanborn Maps in Appendix A). In the early 1900s, electricity was primarily used for lighting, with demand almost exclusively confined to the few hours before dawn and evening. An important milestone was reached in May 1909, when Hawaiian Electric first established daytime service (U.S. Department of Interior, 2017). Over the subsequent years, electric services extended throughout the day and across the island. With increasing electricity demand, the need for a larger plant arose and in 1920 Hawaiian Electric completed the first expansion of its 1894 plant to house three new 10,000-kilowatt units (Honolulu Power Plant Units 1, 2, and 3). Further expansions and modernizations continued between the 1930s and the 1950s, in response to increasing electric use in the downtown area and throughout the island.

Throughout the years, the boilers at the Honolulu Power Plant were fired with different types of oils (for example, Bunker C oil and low sulfur fuel oil) that were stored in aboveground storage tanks (ASTs) within the property, including the Downtown Station Makai Lot site boundaries. ASTs and associated pipelines containing fuel oil are known to have been present within the Hawaiian Electric property between 1906 and 1956 (HART, 2020). Other oil-filled equipment, such as electrical transformers, were stored on the property at various times during the operational history of the power plant. As evident from the Sanborn maps and historical aerial photographs of Appendix A, two large fuel oil ASTs (6,000 and 2,000 barrels) were present within the site boundaries between the 1920s and 1950s. Other fuel ASTs and underground storage tanks (USTs), as well as water tanks were present within the site boundary in the past.

The site will be used to construct the *makai* portion of the Downtown Station. Available construction design drawings indicate that the station technical building, pedestrian walkway bridge column, and an elevator shaft will be built within the site boundaries (Figure 1-1). Therefore, the site is used and will continue to be used as a commercial industrial (C/I) area.

2.2 Area Geology and Hydrogeology

According to the *Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii* conducted by the U.S. Department of Agriculture (USDA, February 2021), the general area of the Downtown Station Makai Lot is underlain by Lualualei-Fill land-Ewa association soil. This material is characterized by deep, nearly level to moderately sloping, well-drained soils that have fine or moderately fine textured subsoil or underlying material, and areas of fill land along the coastal plains (USDA, 1972). As further discussed in Section 3.3, the shallow subsurface soil beneath the site is characterized by mixed fill material down to approximately 6 to 10 feet below ground surface (bgs); the native unconsolidated soil beneath the fill consists of a relatively thin layer of volcanic cinder underlain by coralline sand and gravel down to maximum t_{re} investigated depth of 20 feet bgs.

The site groundwater is within the Nuuanu aquifer system of the Honolulu sector and is characterized by a sedimentary, unconfined basal aquifer overlaying a confined basal aquifer occurring in horizontally extensive lavas (Mink and Lau, 1990). The upper aquifer is not considered a potential drinking water source while the lower aquifer is (Mink and Lau, 1990). The upper aquifer has moderate salinity (that is, with 1,000 to 5,000 milligrams of chloride per liter of water [mg/L Cl⁻]) and a high susceptibility to contamination and the lower aquifer has low salinity fresh water (that is, less than 250 mg/L Cl⁻) with low susceptibility to contamination (Mink and Lau, 1990). Groundwater beneath the site is found at approximately 6 to 7 feet bgs and flows southwest, toward the Honolulu Harbor.

The site is *makai* of the HDOH Safe Drinking Water Branch underground injection control (UIC) line, which means the underlying aquifer is not considered a potential source for drinking water. The Hawaii Administrative Rules Section 4 defines the UIC line as the boundary between nondrinking water aquifers and underground sources of drinking water. Aquifers *makai* of the line are not considered drinking water sources; those located *mauka* are considered potential sources of drinking water.

The closest surface water to the site is Honolulu Harbor, approximately 250 feet (75 meters) to the southwest.

2.3 Summary of Previous Investigations

Previous investigations conducted at the site include the Phase I Preliminary Hazardous Materials Site Assessment (HLA, 1989) and Phase I Environmental Site Assessment for the HART City Center Section, Honolulu, Oahu, Hawaii, “Appendix G-46, Phase I Environmental Site Assessment for Property TMK 2-1-014-006” (HART, 2020). Both Phase I ESAs recommended further assessment to be conducted at the site. The following paragraphs summarize the findings of those investigations.

Phase I Preliminary Hazardous Materials Site Assessment (HLA, 1989): Assessment of the entire 149,644-square-foot Hawaiian Electric Honolulu Power Plant property (inclusive of the 9,778 square feet of the site) included limited soil and groundwater sampling. Based on the analytical results, “significant quantities of petroleum hydrocarbons were detected in the soil...” and barium detections in the groundwater were “well below the federal maximum contaminant level for drinking water” at 0.03 mg/L (HLA, 1989). Environmental concerns were documented within and in the vicinity of the site, including two fuel storage tanks located within the Hawaiian Electric property, but outside of the Downtown Station Makai Lot; a 1969 release of fuel from a bulk storage tank located approximately 200 feet east of the Hawaiian Electric property; the removal of a UST in September 1989 (documented in the HDOH UST records as a 1,000-gallon gasoline tank permanently out of use within the site boundaries; see Figure in Appendix A); and three ASTs consisting of a 500-gallon kerosene tank, one 1,000-gallon propane tank, and a 500-gallon propane tank (see Figure in Appendix A). Additionally, two fuel supply pipelines were referenced beneath the TMK though not specifically noted to be within the footprint of the Downtown Station Makai Lot.

The 1987 Phase I ESA concluded that because of the unconsolidated nature of the site lithology there was potential for downward migration of petroleum hydrocarbon contamination, which may have been impacting groundwater at the site.

Phase I ESA (HART, 2020): Several recognized environmental conditions (RECs) were observed in the HART Phase I ESA that indicated potential groundwater concerns and numerous nearby release sites likely or potentially affecting the Downtown Station Makai Lot. Several RECs were identified in the report, as summarized in the figure included in Appendix A. Information concerning the following releases or evidence of releases was included in the interview questionnaire:

- 1) 1,000 gallons Fuel Oil #6, February 14, 1996 (release report No. 19960214-1545);
- 2) 50 gallons of turbine oil, February 18, 1997 (19970218-1413)
- 3) 35 gallons fuel oil, April 15, 1998 (19980415-0845)
- 4) Oil sheen at seawater intake, July 8, 2004 (20040708-0700)
- 5) 10 gallons of guzzler hydraulic fluid, October 24, 2011 (20111024-1407)
- 6) 1.5 ounces of mercury, July 31, 2014 (20140731-1317)
- 7) Petroleum and polychlorinated biphenyl- (PCB-) impacted soil (PCB voluntarily cleaned up under 40 *Code of Federal Regulations* § 761.50(b)(3)) identified in the northwestern portion of the site, March 21, 2016 (20160321-1015)

Based on available information including past site usage, previous sample results, and releases surrounding the subject site, the following comprehensive list of the COPCs was identified for the site in the Project Work Plan (HART, 2019):


- Volatile organic compounds (VOCs)
- Total petroleum hydrocarbons (TPH), gasoline-range organics (TPH-g); TPH, diesel-range organics (TPH-d); and TPH, oil-range organics (TPH-o)
- Semivolatile organic compounds (SVOCs)
- Pesticides
- PCBs
- Resource Conservation Recovery Act (RCRA) 8 metals

2.4 Regulatory Framework and Environmental Action Levels

The HDOH HEER Office is the lead regulatory agency overseeing the assessment of the site. As mentioned in Section 1.1, HART obtained a grant from the USEPA Brownfields Section for this Phase II ESA; although it is also a stakeholder involved in this project, USEPA defers to HDOH for investigation and closure requirements.

To meet regulatory standards and requirements, Phase II ESA activities were conducted in general accordance with the Project Work Plan (HART, 2019), the HDOH TGM (HDOH, 2008 and subsequent updates), and the *ASTM Standard E1903-11 Practice* (ASTM, 2011).

In the *HEER Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater* guidance document (HDOH, 2017), HDOH provides EAL tables organized to reflect three default CSMs for contaminated sites in Hawaii based on land use (for example, unrestricted or C/I), groundwater utility (that is, nondrinking water source or potential drinking water source), and proximity to a surface water body with potentially sensitive aquatic life (that is, greater than or less than 150 meters from

surface water). Because the site is *makai* of the UIC line and is within 150 meters (that is, within approximately 500 feet) from surface water, the HDOH site-specific EALs applicable for the Downtown Station Makai Lot are those for C/I sites located within 150 meters from surface water, where drinking water is not threatened (DWNT) (HDOH, 2017). These EALs are applicable for soil and groundwater remaining onsite under current use. If land use changes (for example, to residential use), the site-specific EALs will need to be re-evaluated. If soil is reused outside of the take areas within the H RTP rail corridor, C/I EALs will still apply but distance and location with respect to the UIC line and surface water will need to be considered to select the appropriate EALs. Unrestricted Tier 1 criteria will apply if soil is reused outside of the rail corridor. 

To evaluate all possible exposure scenarios, investigation results will be screened against both the HDOH unrestricted Tier 1 and site-specific EALs. The HDOH HEER Office and the HDOH Solid and Hazardous Waste Branch provide regulatory oversight as part of management of the COPCs identified at the site and for waste disposal associated with upcoming construction activities.

3.0 Site Characterization Activities and Results

This section summarizes activities and results for the Phase II ESA conducted at the Downtown Station Makai Lot between August and October 2020. All activities were conducted in general accordance with the Project Work Plan (HART, 2019), with a few exceptions described in Section 3.6. A summary of the sampling activities conducted at the site is included in Table 3-1, while a more detailed description of the Phase II ESA activities and relative results are provided in the subsections herein. Supporting documentation is provided in Tables 3-2 through 3-8, Figures 3-1 through 3-4, and Appendixes B through E.

As mentioned in Section 1.1, Phase II ESA activities were deemed necessary to evaluate the presence and extent of COPCs, describe the CSM, and evaluate contaminated media management options ahead of construction. To meet these objectives, the following activities were conducted at the Downtown Station Makai Lot during the Phase II ESA:

- Pre-investigation activities
- Land surveying and utility clearance
- Drilling and soil sampling activities
- Temporary monitoring well installation and groundwater sampling
- Temporary soil vapor points installation and sampling
- Laboratory analysis
- Demobilization

3.1 Pre-investigation Activities

Pre-investigation activities included coordinating site access, obtaining required permits, completing site-specific training, mobilizing, and conducting site reconnaissance to identify site boundaries, mark planned boring and sampling locations, and set up work areas.

Work and site access were coordinated with HART and Hawaiian Electric. The following are descriptions of specific tasks:

- A right-of-entry agreement between Hawaiian Electric and CH2M was signed to allow CH2M staff and its subcontractors to access the site.
- The HART Cultural Planning office confirmed that archaeological monitoring was necessary; therefore, cultural and archaeological monitors were present during all intrusive investigation activities. No significant cultural or archaeological resources were observed.
- Because the site is on a power plant facility, Hawaiian Electric required stormwater pollution prevention training for all field crew. All field workers and potential substitutes completed the training before the start of investigation activities.

Clearances, necessary permits, and agency approvals were obtained before initiating any intrusive activity. This included contacting the Hawaii One Call Utility Locating Center, to identify outside underground utilities leading to the site boundaries.

3.2 Land Surveying and Utility Clearance

A professional land surveying company licensed in Hawaii (RM Towill) was contracted to conduct a land survey before starting any intrusive work. The purpose of this survey was to approximately locate existing underground utilities and structures based on existing maps, and identify the corners of the multi incremental sampling (MIS) decision unit (DU) and the locations of the temporary well and soil vapor points to be installed in accordance with the Project Work Plan. Survey equipment used included a Nikon ETM-522 and Spectra precision laser.

Third-party, independent utility toning was also conducted by GeoTek Hawaii, to confirm underground utility locations and clear planned intrusive work areas using geophysical equipment. The contractor used electromagnetic and ground-penetrating radar (GPR) equipment (for example, a Noggin SmartCart GPR system and wand). Utilities (electrical, water, stormwater, and fuel lines) and underground structures, including an abandoned in-place concrete water tank, an underground concrete water tank, and an area with heavy rebar corresponding to the location of a former gasoline UST and associated pipeline that were removed in 1989 (HLA, 1989), were identified and marked during utility toning (Figure 3-1). Investigation point locations were moved as necessary to maintain a clearance of at least 6 feet in all directions from existing utilities and underground structures. As further discussed in Section 3.6, the presence of underground and aboveground utilities and structures limited access to certain portions of the site.

3.3 Drilling and Soil Sampling Activities

Drilling and sampling activities were conducted at the Downtown Station Makai Lot in August 2020, to evaluate the nature and extent of potential contamination identified during previous studies, assess risk to current and future potential receptors, and evaluate disposal and management options for soil that may be excavated during future construction. Samples were collected using an MIS approach. Figure 3-1 illustrates the site sampling locations.

The site was divided into three lateral DUs. Each DU was further subdivided into multiple vertical DU layers to meet the Project Work Plan requirements (HART, 2019). The scope of MIS for soil characterization included sampling and laboratory analysis down to the capillary fringe and soil observations to confirm the presence and extent of fill material. As further discussed in Section 3.6, deviations to the original plan were necessary to delineate presence of gross contamination at depths greater than the capillary fringe.

One MIS soil sample was generally collected from 30 increment/boring locations within each vertical DU layer (Table 3-1). Drilling was conducted using a direct-push rig, switching to a hollow-stem auger where necessary, except for the top 2 feet bgs where hand augering was conducted for safety reasons (that is, minimizing risk of striking underground utilities). Immediately after extraction of the core at each increment location, the soil was quickly screened for visual, olfactory, and field evidence of contamination (for example, staining, odor, and elevated VOC readings using a field-portable photoionization detector [PID]), and a photograph was taken before increment subsamples were collected. Representative photos and detailed boring logs are provided in Appendixes B and C, respectively.

A graphical, simplified representation of the site lithology is provided in the cross section of Figures 3-2a through 3-2d. Beneath the 4 to 6 inches of asphalt/concrete pavement, the site shallow subsurface lithology consists of the following:

- Mixed fill material, consisting of silt, sand, and gravel with occasional debris, down to approximately 6 to 9 feet bgs. In the central portions on the site, the bottom of the fill is characterized by the

presence of grossly impacted soil (black, medium sand), with light non-aqueous phase liquid (LNAPL), staining, petroleum hydrocarbon odor, and elevated PID readings (for example, VOCs greater than 10 parts per million [ppm]). The presence of grossly impacted soil was reported to the HDOH HEER office (see release report No. 20200821-0955LG in Appendix D). Approximately 0.5 to 1 foot of basalt cobbles (surge rock) was present beneath the grossly impacted soil.


- Native soil, consisting of up to approximately 2 feet black volcanic cinder and coralline sand and gravel beneath the mixed fill down to maximum investigated depths of 20 feet bgs. Discontinuous thin layers of fine-grained material (clay) are found at some locations between the fill and the volcanic cinder.


Within each vertical DU layer at each of the 30 soil increment/boring locations in a lateral DU, the following general sampling procedure for volatile and nonvolatile analyses were used:

- Volatile analyses (VOCs and TPH-g): A dedicated 5-gram Terracore sampler was used to collect two increment subsamples within each vertical DU layer (approximately 10 grams per increment) to form one 300-gram MIS sample.
- Nonvolatile analyses: A dedicated 5-gram sampler was pushed multiple times within each vertical DU layer to collect increment subsamples to form a bulk MIS sample of approximately 1 kilogram. The increment subsamples were placed directly into 1-gallon resealable plastic bags.

Because of the presence of grossly impacted soil and/or drilling refusal, MIS soil samples within vertical DU layers S001G, S002G, S001H, S002H, and S001I of DU DS02 were composed from a number of increments less than 30, and soil samples from vertical DU layer S001I from DUs DS01 and DS03 were collected as discrete samples because of the limited number of borings that could be pushed deeper than 9 feet bgs without hitting refusal (see Section 3.6 for more details).

Soil samples were stored in coolers using proper preservation methods (methanol for volatile samples and wet ice for nonvolatile samples) and shipped to APPL Labs, in Clovis, California for VOC, TPH, SVOC, pesticide, PCB, and metal analyses (Table 3-2). Because the surface at the site is entirely paved with asphalt or concrete, surface soil samples (vertical DU layer S001A, 0 to 1 feet bgs) were analyzed for the entire suite of chemicals, including volatiles.

-  Laboratory results for MIS soil samples are presented in Table 3-3 and summarized on Figures 3-2a through 3-2d, and 3-3 (which include only concentrations above the HDOH EALs). Replicate MIS sets were collected within the 5- to 6-foot-vertical DU layer (S001F, S101F, and S201F) of DU DS01; and the 4- to 5-foot-vertical DU layer (S001E, S101E, and S201E) of DU DS02. Concentrations above HDOH unrestricted Tier 1 and/or site-specific EALs are reported for VOCs, TPH-d, TPH-o, polynuclear aromatic hydrocarbon (PAHs), and lead in the following DU and vertical DU layer:

- DU DS01 
 - **Tetrachloroethane (PCE)** concentrations up to 0.19 milligrams per kilogram (mg/kg), above the HDOH unrestricted Tier 1 EAL of 0.098 mg/kg in vertical DU layers S001A (0 to 1 feet bgs), S001B (0 to 2 feet bgs), and S001C (2 to 3 feet bgs).
 - **TPH-d** concentrations up to 3600 mg/kg, above the HDOH unrestricted Tier 1 EAL of 220 mg/kg in vertical DU layers S001C (2 to 3 feet bgs) and S001E (4 to 5 feet bgs); and above the HDOH site-specific EAL of 683 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
 - **TPH-o** concentrations up to 6500 mg/kg, above the HDOH unrestricted Tier 1 EAL of 500 mg/kg in vertical DU layers S001C (2 to 3 feet bgs), S001D (3 to 4 feet bgs), S001E (4 to 5

- feet bgs), and S001F (5 to 6 feet bgs); and above the HDOH site-specific EAL of 1,500 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
- **1-Methylnaphthalene** concentrations up to 2.1 mg/kg, above the HDOH site-specific EAL of 0.89 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
 - **Lead** concentrations up to 255 mg/kg, above the HDOH unrestricted Tier 1 EAL of 200 mg/kg in vertical DU layer S001A (0 to 1 feet bgs).
- DU DS02
 - **1,2-Dichloroethane (DCA)** concentrations up to 0.056 mg/kg, above the HDOH unrestricted Tier 1 EAL of 0.023 mg/kg in vertical DU layer S002G (6 to 7.5 feet bgs).
 - **Acetone** concentrations up to 2.4 mg/kg, above the HDOH site-specific EAL of 1 mg/kg in vertical DU layers S002G (6 to 7.5 feet bgs) and S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
 - **PCE** concentrations up to 0.26 mg/kg, above the HDOH unrestricted Tier 1 EAL of 0.098 mg/kg in vertical DU layers S001C (2 to 3 feet bgs) and S001E (4 to 5 feet bgs).
 - **TPH-d** concentrations up to 4,200 mg/kg, above the HDOH unrestricted Tier 1 EAL of 220 mg/kg in vertical DU layers S001G (6 to 7.5 feet bgs) and S001H (7.5 to 9 feet bgs; that is, within the shallow aquifer); and above the HDOH site-specific EAL of 683 mg/kg in vertical DU layers S002G (6 to 7.5 feet bgs) and S002H (7.5 to 9 feet bgs).
 - **TPH-o** concentrations up to 7,400 mg/kg, above the HDOH unrestricted Tier 1 EAL of 500 mg/kg in vertical DU layers S001E (4 to 5 feet bgs), S001F (5 to 6 feet bgs), and S001G (6 to 7.5 feet bgs); and above the HDOH site-specific EAL of 1500 mg/kg in vertical DU layers S002G (6 to 7.5 feet bgs), and both S001H and S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
 - **1-Methylnaphthalene** concentrations up to 3.7 mg/kg, above the HDOH site-specific EAL of 0.89 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
 - **Benzo[a]anthracene** concentrations up to 23 mg/kg, above the HDOH site-specific EAL of 10 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Benzo[a]pyrene** concentrations up to 34 mg/kg, above the HDOH site-specific EAL of 5.9 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Benzo[b]fluoranthene** concentrations up to 44 mg/kg, above the HDOH unrestricted Tier 1 EAL of 11 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Dibenzo[a,h]anthracene** concentrations up to 5 mg/kg, above the HDOH unrestricted Tier 1 EAL of 1.1 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Indeno[1,2,3-c,d]pyrene** concentrations up to 23 mg/kg, above the HDOH unrestricted Tier 1 EAL of 11 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Pyrene** concentrations up to 51 mg/kg, above the HDOH site-specific EAL of 44 mg/kg in vertical DU layer S001E (4 to 5 feet bgs).
 - **Lead** concentrations up to 261 mg/kg, above the HDOH unrestricted Tier 1 EAL of 200 mg/kg in vertical DU layer S001A (0 to 1 feet bgs).
 - DU DS03

- **PCE** concentrations up to 0.45 mg/kg, above the HDOH unrestricted Tier 1 EAL of 0.098 mg/kg in vertical DU layer S001A (0 to 1 feet bgs).
- **TPH-d** concentrations up to 2,800 mg/kg, above the HDOH site-specific EAL of 683 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
- **TPH-o** concentrations up to 4,400 mg/kg, above the HDOH site-specific EAL of 1,500 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
- **1-Methylnaphthalene** concentrations up to 20 mg/kg, above the HDOH site-specific EAL of 0.89 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).
- **Naphthalene** concentrations up to 7.5 mg/kg, above the HDOH site-specific EAL of 3.1 mg/kg in vertical DU layer S002H (7.5 to 9 feet bgs; that is, within the shallow aquifer).

Two replicate sets were collected in DU DS01 and DS02 (vertical DU layers F and E, respectively). The relative standard deviation (RSD) was calculated for detected chemicals and is shown in Table 3-4. As evident from Table 3-4, RSD values are generally below 50% showing good precision and confirming that the sampling method used was adequate to capture and reflect small-scale heterogeneity of chemical distribution within the DUs and the error in the laboratory processing and analysis methods was generally low. In some cases (for example, PAHs in replicate sample set collected in DU DS02, vertical DU layer E) the RSD is above 50% (and in three cases above 100%) possibly because of a small fraction of fill material high in PAHs (for example, asphalt) that made it into the triplicate sample (that is, concentrations in sample DS02-S201E-0820 are much higher than in the other two samples of the replicate set). To address the uncertainty on the PAH data, mean concentrations are not calculated and samples with the highest concentrations are considered for decision making (for example, in the EHE and environmental hazard management plan [EHMP] evaluations).

Toxicity characteristic leaching procedure (TCLP) was also performed for samples with total concentrations 20 times higher than the TCLP limit. Because total concentrations were within the same order-of-magnitude and below site-specific action levels, soil samples for TCLP analysis were composited as follows:

- Composite from samples DS01-S001A-0820, DS01-S001B-0820, DS01-S001C-0820, DS01-S001D-0820, DS01-S001E-0820, and DS01-S101F-0820 – tested for TCLP lead.
- Composite from samples DS02-S001C-0820, DS02-S201E-0820, DS02-S001F-0820, and DS02-S001G-0820 – tested for TCLP lead and chromium total.
- Composite from samples DSCOL-S001A-0820 and DSCOL-S001B-0820 – tested for TCLP lead.


As shown in Table 3-5, TCLP concentrations on TCLP results were mostly not detected. Only lead was detected in composite sample from DU DS01, but the concentration was well below the TCLP regulatory standard of 5 mg/L.

3.4 Temporary Monitoring Well Installation and Sampling

After MIS soil sampling was completed, one temporary monitoring well (TW01) was installed in DU DS01 (Figure 3-1) on August 24, 2020, to evaluate the potential impact to groundwater, assess risk to current and future potential receptors, and evaluate groundwater disposal and management options should dewatering be needed during future construction. Temporary well TW01 was installed at the northeastern boundary of the site, upgradient of the grossly impacted area.

The well consisted of a new 1.5-inch polyvinyl chloride (PVC) piping with a 10-foot prepack screen section set across the water table from 4.5 to 14.5 feet bgs, (see well completion diagram in Appendix C). The screening interval was chosen to be 4.5 to 14.5 feet bgs, to be set approximately 3 feet


above and 12 feet below the water table per the Project Work Plan (groundwater in this portion of the site is at approximately 7 feet bgs). The annular space of the well was completed with Monterey #3 sand up to 2 feet above the well screen and hydrated bentonite (pellets or tablets) to the surface. After installation, the well was developed by surging and pumping.

 Three of the existing onsite permanent monitoring wells were also selected for sampling to cover the entire site. Monitoring well MW02 was selected within DU DS01 and is representative of the grossly impacted area. Monitoring well MW03 was selected within DU DS02 and is located crossgradient of the grossly impacted area. Monitoring well MW06 was selected within DU DS02 and is representative of downgradient locations.

Sampling was conducted on August 31, 2020, at the newly installed temporary well and the three existing permanent monitoring wells using low-flow sampling techniques. Samples collected for volatiles were recollected on October 13, 2020 because the laboratory did not analyze the samples collected on August 31, 2020 within the 14-day holding time.

Before sampling, the wells were inspected for tampering and evidence of gross contamination. The wells were in good condition and no LNAPL, petroleum sheen, or odor were observed. Purging was then initiated at a rate of approximately 100 to 200 milliliters per minute, with groundwater quality parameter readings taken at 3-minute intervals, until water quality parameters stabilized within specific criteria identified in the Project Work Plan (HART, 2019).

After purging and stabilization of parameters, samples were collected from the monitoring wells, stored in coolers with ice, and shipped to APPL Labs for VOCs, TPH, SVOCs (including PAHs), PCBs, pesticides, and RCRA 8 metals analyses (Table 3-6). A field duplicate sample was collected at the crossgradient well MW03.

Laboratory  results for groundwater samples are presented in Table 3-7. The only COPCs detected are metals (arsenic, barium, cadmium, and lead), but concentrations are below the HDOH unrestricted Tier 1 EALs.

3.5 Soil Vapor Monitoring Point Installation and Sampling

Soil vapor sampling was conducted at the site to evaluate potential vapor intrusion pathways within the footprint of future station structures. Two temporary soil vapor monitoring points were installed within DU DS01, within the footprint of the future building of the Downtown Station Makai Lot, where vapor intrusion concerns could potentially be present.

Both soil vapor monitoring probes, SG01 and SG02, were installed at approximately 4.5 feet bgs, above the capillary fringe, and consisted of a 6-inch stainless-steel vapor probe set within a 18-inch sand filter pack (that is, 6 inches of sand above and below the vapor probe). Teflon tubing (1/4-inch outside diameter) was used to connect the vapor probe to the surface, and the annular space above the filter pack was sealed with hydrated bentonite.

One 2-hour soil vapor sample was collected at each soil vapor monitoring point, with a field duplicate collected from SG01. Samples were analyzed for TPH-g, methane, and VOCs (Table 3-8). Results are provided in Table 3-9. Carbon tetrachloride, ethyl acetate, PCE, and trichloroethylene are the only COPCs detected, but only PCE is above the HDOH site-specific EAL. PCE concentrations are up to 2,200 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), above the HDOH unrestricted Tier 1 EAL of $920 \mu\text{g}/\text{m}^3$, but well below the HDOH site-specific Tier 1 EAL of $8,000 \mu\text{g}/\text{m}^3$.

3.6 Deviations from the Project Work Plan

As summarized in Table 3-1 and previously discussed, because of unexpected field conditions and presence of underground or surface structures, the investigation plan outlined in the Project Work Plan (HART, 2019) was modified during the implementation. The deviations from the Project Work Plan are summarized as follows:

- **Investigation Areas** – Site access for intrusive activities was limited by the presence of underground and surface structures (see investigated areas in Figure 3-1). Underground structures limiting access included a reinforced concrete pad located in the middle portion of DU DS-02, where an AST was present in the past, and two water USTs located in the eastern portion of DU DS-01 and the southern portion of DU DS-02. Surface structures included a machine shop located in the eastern portion of the site and four small storage sheds in the northern and western portion of the site. Because of these access constraints, the area accessible for intrusive activities was approximately 1,600 square feet (that is, about 62 percent of the total) in DU DS-01 and approximately 4,800 square feet (that is, about 69 percent of the total) DU DS-02. Despite the limited access, the originally planned sampling approach supported by additional data and historical information provide a sound foundation for the CSM of the Downtown Station site.
- **Multi Increment Sampling** – The investigation strategy outlined in the Project Work Plan (HART, 2019) included dividing each DU into five, 1-foot vertical DU layers to collect 30-increment MIS soil samples down to the capillary fringe (expected approximately at 5 feet bgs) within DUs DS-01 and DS-02, and two, 10-foot vertical DU layers within DU DS-03. This sampling approach was built on the assumption that environmental hazard evaluation within the aquifer would be evaluated through groundwater analysis. However, groundwater depth across the site was slightly deeper than expected (6 to 7 feet bgs). In addition, while sampling in DU DS-03, grossly impacted soil was observed within the saturated zone. Grossly impacted soil was characterized by the presence of LNAPL, staining, odor, and/or elevated PID VOC readings. To evaluate risk to future construction workers and fully delineate nature and extent of fill material and grossly impacted soil, four additional vertical DU layers were added to collect MIS soil samples within the saturated zone. The additional layers were as follows:
 - S001F (5 to 6 feet bgs) – Vertical DU layer representative of the capillary fringe.
 - S001G (6 to 7.5 feet bgs) – Vertical DU layer representative of the capillary fringe-shallow aquifer.
 - S001H (7.5 to 9 feet bgs) - Vertical DU layer representative of the shallow aquifer depth where fill and grossly impacted soil were observed at several boring/increment locations across the site.
 - S001I (10 to 11 feet bgs) - Vertical DU layer representative of the native coralline sand and gravel within the shallow aquifer.

Grossly impacted soil was mainly observed in vertical DU layer S002H (7.5 to 9 feet bgs) and occasionally in layer S002G (6 to 7.5 feet bgs), and was mainly concentrated in DU DS-01 (all increment/boring locations except four) and the central portions of DU DS-02. To avoid biasing samples, grossly impacted increment/boring locations within layers G and H were kept separate (samples S002G and S002H) from increment/boring locations that did not show field evidence of contamination (samples S001G and S001H). In addition, because refusal was encountered at approximately 9 feet bgs at most of the increment/boring locations across the site, soil within layer S001I (10 to 11 feet bgs) could only be collected at a limited number of locations. As a

result of this, the following samples were composed from a limited number of increments or from discrete locations (see Figure 3-1):

- DS02-S001G-0820 (no field evidence of gross contamination) – 27 increments (all boreholes except for 12, 20, and 21)
- DS02-S002G-0820 (some field evidence of gross contamination) – 3 increments (boreholes 12, 20, and 21)
- DS02-S001H-0820 (no field evidence of gross contamination) – 16 increments (boreholes 1, 2, 3, 4, 7, 8, 9, 10, 11, 14, 23, 24, 25, 26, and 28)
- DS02-S002H-0820 (field evidence of gross contamination) – 14 increments (boreholes 5, 6, 12, 13, 15, 16, 17, 18, 19, 20, 21, 27, 29, and 30)
- DS01-S001I-0820 (no field evidence of gross contamination) – discrete¹ sample (boreholes 21, 22, 23, 24, and 25)
- DS02-S001I-0820 (no field evidence of gross contamination) – 7 increments (boreholes 7, 14, 22, 23, 24, 26, and 28)
- DSCOL-S001B-0820² (no field evidence of gross contamination) – 10 increments (borehole 3)
- DS03-S002H-0820 (field evidence of gross contamination) - discrete sample (boreholes 1 and 2)

Despite the lower number of increments, these saturated zone samples are believed to be representative of field conditions and allowed collecting additional valuable data for vertical delineation, evaluation of sources, and better estimate of grossly impacted soil volumes.

- **Monitoring Wells** – The Project Work Plan (HART, 2019) included the installation of three temporary monitoring wells to evaluate groundwater conditions beneath the site. Because six permanent monitoring wells already existed onsite and were confirmed to be in good condition, only one temporary well was installed. The existing wells were all located within or downgradient of the grossly impacted areas. Therefore, the temporary well was installed at the upgradient boundary of the site (see well TW-01 in Figure 3-1) and it was sampled together with 3 of the existing wells (MW-02 and MW-03 within/crossgradient of grossly impacted areas, and MW-06 at the downgradient boundary of the site and outside of the grossly impacted area).

3.7 Demobilization

After soil, groundwater, and soil vapor sampling activities were completed, equipment and material were decontaminated and demobilized from the site. Boreholes were abandoned with soil cuttings from the same DU, with hydrated bentonite and cement grout at the surface. No grossly impacted soil was returned to the site as it was used for sampling activities and sent to the laboratory for analysis. Small volumes of water were generated during purging and decontamination activities. Because no LNAPL was observed in groundwater and concentrations were below the HDOH unrestricted Tier 1 EALs, purging and decontamination water was re-infiltrated onsite in the vicinity of the wells. After drilling and sampling activities were completed, the site was cleaned up and final site conditions documented (see photo log in Appendix B).

¹ Discrete samples were composed of multiple subsamples collected along the specific sample interval from one or a limited number of boreholes (that is, insufficient number of boreholes/volume of soil to collect an MIS sample).

² Samples labeled with prefix “DSCOL-” are from DU DS03.

Temporary well and soil vapor probe abandonment will be scheduled to occur in the near future and coordinated with Hawaiian Electric. Temporary wells will be abandoned by removing the PVC casing and screen (or destroying it if the casing breaks during removal) and filling the borehole with a bentonite-cement mix in accordance with the HDOH TGM (HDOH, 2008 and subsequent updates) and the Project Work Plan (HART, 2019). Soil vapor probes will be pulled from the ground and any portion of the borehole remaining open will be sealed with cement-bentonite grout. The top 4 to 6 inches will be repaired to match surrounding pavement.

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4.0 Updated Conceptual Site Model and Environmental Hazard Evaluation

This section presents the CSM for the Downtown Station Makai Lot. This updated CSM is based on new data available from the site investigations conducted at the site from August through October 2020. A site-specific EHE is also provided to evaluate potential hazards associated with chemical concentrations detected in subsurface soil and soil vapor at the site.

4.1 Conceptual Site Model

An updated CSM for the site has been developed based on the results of the investigation conducted from August through October 2020. The elements of the CSM are described in the following sections. The CSM is graphically represented on Figure 4-1.

4.1.1 Site Land Use

As discussed in Section 2.1, the site is in a C/I area. Because HART plans to construct the *makai* portion of the Downtown Station within the property boundaries, the use of the site is and will remain C/I for the foreseeable future.

4.1.2 Chemicals of Potential Concern

As discussed in Section 13.5.1 of the HDOH TGM (HDOH, 2008 and subsequent updates), if the representative concentration of a chemical does not exceed the respective HDOH unrestricted Tier 1 EAL, then it can be reasonably assumed the chemical does not pose a significant human or environmental hazard. If the HDOH unrestricted Tier 1 EAL is exceeded, then additional evaluation of that chemical is warranted. Chemicals that exceed the HDOH unrestricted Tier 1 EALs should continue to be considered COPCs and carried through the environmental hazard evaluation process before they are confirmed as chemicals of concern (COCs). Therefore, for this updated CSM and EHE COCs are those chemicals that are confirmed to cause an unacceptable human or environmental hazard or concern after an EHE is conducted.

The list of COPCs is identified by comparing laboratory results to the HDOH unrestricted Tier 1 EALs. Based on the results of the site characterization conducted at the Downtown Station Makai Lot between August and October 2020, the following COPCs are confirmed for the site:

- Soil (Table 3-3 and Figure 3-3)
 - VOCs
 - Acetone (maximum detected concentration 2.4 mg/kg).
 - 1,2-DCA (maximum detected concentration 0.056 mg/kg).
 - PCE (maximum detected concentration 0.45 mg/kg).
 - TPH
 - TPH-d (maximum detected concentration 4,200 mg/kg).
 - TPH-o (maximum detected concentration 7,400 mg/kg).
 - PAHs

- 1-Methylnaphthalene (maximum detected concentration 3.7 mg/kg).
- Benzo[a]anthracene (maximum detected concentration 23 mg/kg).
- Benzo[a]pyrene (maximum detected concentration 34 mg/kg).
- Benzo[b]fluoranthene (maximum detected concentration 44 mg/kg).
- Dibenzo[a,h]anthracene (maximum detected concentration 5 mg/kg).
- Indeno[1,2,3-c,d]pyrene (maximum detected concentration 23 mg/kg).
- Naphthalene (maximum detected concentration 7.5 mg/kg).
- Metals
 - Lead (maximum detected concentration 261 mg/kg).
- Groundwater (Table 3-7)
 - None (chemical concentrations in groundwater are below the HDOH unrestricted Tier 1 EALs).
- Soil vapor (Table 3-9 and Figure 3-4)
 - VOCs
 - PCE (maximum detected concentration 2,200 µg/m³).

Based on available data, the main COPC and risk driver at the site are TPHs and PAHs.

4.1.3 Nature and Extent of Contamination

Contamination, presence of fill material, and grossly impacted soil in the subsurface have been delineated in the lateral and vertical directions within accessible areas of the site. As discussed below, although a portion of the site was inaccessible because of surface and subsurface structures, historical photos and maps were reviewed to help in evaluating and refining the CSM.

Distribution of contamination was delineated to the HDOH unrestricted Tier 1 EALs and is evaluated based on results of the Phase II ESA investigation conducted at the Downtown Station Makai Lot between August and October 2020. Contamination is laterally extending to the following DUs:

- Soil (Figures 3-2a through 3-2d and Figure 3-3)
 - DU DS01 (TPH-d, TPH-o, and 1-methylnaphthalene above the HDOH site-specific EALs; PCE and lead above the HDOH unrestricted Tier 1 EALs).
 - DU DS02 (TPH-d, TPH-o, acetone, 1-methylnaphthalene, benzo[a]anthracene, benzo[a]pyrene, and pyrene above the HDOH site-specific EALs; 1,2-DCA, PCE, benzo[b]fluoranthene, dibenzo[a,h]anthracene, indeno[1,2,3-cd]pyrene, and lead above the HDOH unrestricted Tier 1 EALs).
 - DU DS03 (TPH-d, TPH-o, 1-methylnaphthalene, and naphthalene above the HDOH site-specific EALs; PCE above the HDOH unrestricted Tier 1 EAL).
- Soil vapor
 - DU DS01 (PCE above the HDOH unrestricted Tier 1 EAL).

Although subsurface soil is generally evaluated through collection and analysis of unsaturated soil only, vertical delineation extended deeper than the capillary fringe and into the shallow aquifer because of the presence of fill and grossly impacted soil within the capillary fringe and first 2 to 3 feet of the

shallow aquifer. Vertical extent of soil contamination in subsurface soil is as follows (see Figures 3-2a through 3-2d and Figure 3-3):

- DU DS01: Concentrations of PCE, TPH-d, TPH-o, 1-methylnaphthalene, and/or lead in soil are above the HDOH unrestricted Tier 1 EALs (but below the HDOH site-specific EALs) from the surface down to 6 feet bgs. Concentrations of TPH-d, TPH-o, and 1-methylnaphthalene are also above the HDOH site-specific EALs in the shallow aquifer between 7.5 and 9 feet bgs (vertical DU layer S002H).
- DU DS02: Concentrations of PCE, TPH-d, TPH-o, several PAHs, and/or lead in soil are above the HDOH unrestricted Tier 1 EALs in the vadose zone between 2 feet bgs and 6 feet bgs, and within the capillary fringe/shallow aquifer between 6 and 7.5 feet bgs (limited to layer S001G, which includes all boreholes but 12, 20, and 21). Concentrations of acetone, TPH-d, TPH-o, 1-methylnaphthalene, benzo[a]anthracene, benzo[a]pyrene, and/or pyrene are also above the HDOH site-specific EALs in the vadose zone between 4 and 5 feet bgs, within the capillary fringe between 6 and 7.5 feet bgs (vertical DU layer S002G), and within the shallow aquifer between 7.5 and 9 feet bgs (vertical DU layers S001H and S002H).
- DU DS03. Concentration of PCE is above the HDOH unrestricted Tier 1 EALs between the surface and 10 feet bgs (vertical DU layer S001A). Concentrations of TPH-d, TPH-o, and 1-methylnaphthalene, and naphthalene are also above the HDOH site-specific EALs within the shallow aquifer between 7.5 and 9 feet bgs (vertical DU layer S002H).

In summary, although relatively low levels of COPCs (mostly below the HDOH site-specific EALs, except for some PAHs in the 4 to 6 feet bgs interval in DU DS02) are observed in the vadose zone, concentrations in subsurface soil are generally highest within the capillary fringe/saturated soil (vertical DU layers S002G and S002H, between 6 and 9.5 feet bgs). Based on field evidence and analytical results, the bulk of the contamination appears to be related to petroleum hydrocarbons associated with grossly impacted soil observed within the shallow aquifer between approximately 7.5 and 9 feet bgs (vertical DU layer S002H) in the center portion of the site.

The elevated concentrations of petroleum hydrocarbons (mainly higher-chain hydrocarbons) in the capillary fringe and shallow aquifer did not result in high concentrations in groundwater (that is, concentrations in the four wells sampled at the site are below the HDOH unrestricted Tier 1 EALs). PCE was detected in soil vapor samples collected within the footprint or the future station building; however, concentrations are below the HDOH site-specific EALs.

Grossly impacted soil (consisting of medium black sand with odor, staining, relatively high VOC readings from field PID screening, and LNAPL) was observed within the capillary fringe/shallow aquifer in most of DU DS01 and limited portions of DUs DS02 and DS03, as follows (for more details refer to the cross sections in Figures 3-2a through 3-2d, the extent of grossly impacted soil on Figure 4-2, and boring logs in Appendix C):

- DU DS01
 - Vertical DU layer S002H (approximately 7.5 to 9 feet bgs) – All boreholes except for 21, 22, 23, and 24.
- DU DS02
 - Vertical DU layer S002G (approximately 6 to 7.5 feet bgs) – Boreholes 12, 20, and 21.
 - Vertical DU layer S002H (approximately 7.5 to 9 feet bgs) – Boreholes 5, 6, 12, 13, 15, 16, 17, 18, 19, 20, 21, 27, 29, and 30.

- DU DS03
 - Vertical DU layer S002H (approximately 7.5 to 9 feet bgs) – Boreholes 1 and 2.

The approximate lateral extent of grossly impacted soil based on field evidence (see boring logs in Appendix C and photo log in Appendix B) is represented on Figure 4-2. Based on historical information, Sanborn maps, and aerial photographs (see Section 2.1 and Appendix A for more details), USTs and ASTs were present on site in the past, including one 6,000-barrel and one 2,000-barrel fuel ASTs that were present within the site boundaries between the 1920s and the 1950s. When overlapping the shape of the lateral extent of the grossly impacted soil to the approximate location of the two former ASTs, the footprints match very closely suggesting that the grossly impacted soil onsite is most likely associated with the two former ASTs. Given the uniform distribution, the impact is believed to be associated with construction design rather than releases as oil sand was often used in the past to protect AST bottoms from corrosion (American Petroleum Institute, 1997), especially in shallow coastal aquifer conditions.

As shown in the cross sections (Figures 3-2a through 3-2d) and boring logs (Appendix C), at the locations where grossly impacted soil was observed in the field, direct-push system (DPS) drilling hit refusal immediately beneath the grossly impacted layer (at approximately 8.5 to 9.5 feet bgs) on what appeared to be surge rock/basalt cobbles, which coincide with the bottom of the fill material. At locations where grossly impacted soil was not observed, DPS was successful in drilling deeper than 9.5 feet bgs, no refusal (or surge rock/basalt cobbles) was encountered, and native soil consisting of up to approximately 2 feet of volcanic cinder on top of coralline sand and gravel was observed immediately beneath the unconsolidated fill material. Completed borings confirm that vertical delineation of fill material was achieved. Although concentrations in saturated native soil immediately beneath the surge rock/basalt cobbles are unknown in portions of the site because drilling refusal did not allow sampling beneath the surge rock/basalt cobbles layer, the surge rock/basalt cobbles layer appears to demarcate the vertical limit of grossly impacted soil observed. Furthermore, since groundwater results (not soil) should be considered to evaluate aquifer conditions, and groundwater concentrations are below the HDOH unrestricted Tier 1 EALs, it is therefore concluded that vertical delineation of petroleum-related impacts was generally achieved in both soil and groundwater.

Although some of the MIS samples collected in vertical DU layers G, H, and I were composed from less than 30 increment locations, and therefore not fully consistent with the HDOH TGM guidance, the following confirm that adequate vertical delineation was achieved at the site and collected data are representative of site conditions:

- Presence or absence of contamination should be evaluated through soil samples collected in the vadose zone and groundwater samples collected within the aquifer/saturated zone. Samples collected within the vadose zone at the site were composed from 30 increment locations, in accordance with the approved Project Work Plan and the HDOH TGM guidance. Likewise, groundwater samples were also collected in accordance with the Project Work Plan and HDOH TGM guidance.
- Although some of the MIS samples collected within the shallow aquifer were not fully consistent with the HDOH TGM guidance (that is, were composed of less than 30 increments) and would be considered only for screening purposes, their use for delineation of fill and grossly impacted soil, and evaluation of soil disposal options is believed to be appropriate.
- Soil samples from the S001I interval (10 to 11 feet bgs), composed from a limited number of increment locations within the native soil of the shallow aquifer, were collected in close proximity to grossly impacted soil. Samples collected from the S001I interval show no field evidence of gross contamination. This, together with historical information and maps/aerial photos, confirm that grossly impacted soil is limited to the approximate 1.5-foot layer of medium black sand observed in

the shallow aquifer and it is not expected to be present beneath the surge rock/basalt cobbles found immediately beneath the grossly impacted layer.

- Soil samples collected from the S001I interval within DUs DS01 and DS02, and from the B interval in DU DS03 (native soil between 10 and 20 feet bgs) reported COPC concentrations that are mostly nondetects or very low, and well below the HDOH unrestricted Tier 1 EALs.
- Groundwater samples collected at one temporary well and three permanent wells screened within the shallow aquifer show no evidence of gross contamination and concentrations of COPCs below the HDOH unrestricted Tier 1 EALs. This provides indirect evidence that grossly impacted, petroleum contaminated soil has little to no impact on the shallow aquifer at the site.

4.1.4 Source of Contamination

As described in Section 2.1 and Section 4.1.3, the site has been part of the Hawaiian Electric Honolulu Power Plant since the early 1900s. Two fuel ASTs (6,000 and 2,000 barrels each) were present onsite between the 1920s and the 1950s; propane ASTs, a kerosene AST, a gasoline UST, water USTs, and an acid and caustic UST had also been active at different times within the site boundaries in the past.

As discussed in Section 4.1.3, based on field evidence and historical information, oil sand likely used for corrosion control at the bottom of the two large ASTs between the 1920s and the 1950s is the most likely source of grossly impacted, petroleum-contaminated soil found within fill material at the capillary fringe and shallow aquifer at the site. The most plausible source for concentrations of petroleum compounds and VOCs found at shallower depths in the vadose zone are possibly site activities and small tank leaks that potentially occurred onsite in the past.

4.1.5 Transport Mechanism, Potential Receptors, and Exposure Pathways

The COPCs identified for the site include VOCs, TPHs, PAHs, and lead. COPCs are believed to be mostly related to fuel storage activities conducted at the site in the past. Once they are released to the subsurface, VOCs and lower-chain petroleum hydrocarbons are expected to partition to the vapor phase, remain as a separate nonaqueous phase, or travel vertically to the water table and shallow aquifer. Once they reach the aquifer, chemicals dissolve in the liquid phase, remain as a separate nonaqueous phase, or both. Dissolved chemicals travel in groundwater via advection, dispersion, and diffusion mechanisms depending on the chemical and aquifer physical and chemical properties. With very few exceptions, the petroleum hydrocarbons found in soil at the site are the heavier-chain hydrocarbons, which are generally less volatile and not very soluble or mobile compared to lighter-chain hydrocarbons.

Concentrations below the HDOH Tier 1 EALs in groundwater and below the HDOH site-specific EALs in soil vapor, suggest that elevated concentrations of petroleum hydrocarbons (mainly higher-chain hydrocarbons and PAHs) in soil within the capillary fringe and shallow aquifer are related to old and weathered petroleum products that are not partitioning to the liquid or vapor phase. Low levels of PCE reported in shallow soil vapor at concentrations below the HDOH site-specific EALs suggest that past activities conducted at the site or the fill material in the shallower portions of the subsurface soil are the most plausible sources of soil vapor contamination.

Based on current and reasonably anticipated future land use of the site and the historical data, the following potential receptors and exposure pathways exist at the site (Figure 4-1):

- **Hypothetical future residents:** If contaminated soil was removed from the site and reused in a residential area, or in the hypothetical (though unexpected) scenario that the site was redeveloped for residential use, exposure of hypothetical residents could occur by incidental ingestion, dermal contact, and potentially inhalation via vapor intrusion.

- **Occupational and construction workers:** Current and future occupational and construction workers could be exposed to potentially contaminated soil and soil vapor during future construction and maintenance activities. Exposure could occur through accidental ingestion, dermal contact, and inhalation. While the exposure pathway for trench/construction workers to surface and subsurface soil is complete, the pathway for occupational workers is only considered potentially complete because the site is paved and these receptors would not be exposed under normal conditions.
- **Ecological exposure pathways:** The exposure pathway for terrestrial receptors is considered incomplete because there is no suitable habitat onsite. Although the proximity of the Honolulu Harbor could represent a potential aquatic habitat, concentrations in groundwater beneath the site are below the HDOH unrestricted Tier 1 EALs and the exposure pathway for aquatic receptors is also considered incomplete.

4.2 Environmental Hazard Evaluation

This section evaluates potential hazards associated with the site-specific COPCs in soil and soil vapor at Downtown Station Makai Lot. After the Tier 1 evaluation discussed in Section 3, those chemicals exceeding the HDOH unrestricted Tier 1 EALs are carried over to this Tier 2 EHE. During Tier 2, results are compared against hazard-specific EALs to evaluate the different potential exposure scenarios. This EHE is conducted considering the most recent data collected at the site from August through October 2020.

Because no exceedances of the HDOH unrestricted Tier 1 EALs were reported in groundwater at the site, groundwater is not evaluated in this EHE and, as further discussed in Section 4.1.5 and Section 4.2.1.3, the leaching pathway is considered incomplete at the Downtown Station Makai Lot. This EHE should be revisited if new data become available.

4.2.1 Soil

After the initial Tier 1 evaluation, VOCs, TPHs, PAHs, and lead were reported at concentrations above the HDOH Tier 1 EALs and carried over to this Tier 2 evaluation, with analytical data being compared to the following HDOH hazard-specific EALs under different land use exposure scenarios:

- Human direct exposure
- Gross contamination
- Leaching to groundwater
- Vapor intrusion to indoor air

As discussed in Section 4.1.5, no terrestrial ecological receptors are present (or expected to be present) within the site boundaries, while aquatic receptors are not exposed because concentrations in groundwater are below the HDOH unrestricted Tier 1 EALs. Therefore, soil ecotoxicity is not considered a potential hazard at the site. Different land use and exposure scenarios evaluated in this EHE include the following:

- Unrestricted land use (that is, no restrictions).
- C/I Tier 1 scenario (that is, C/I sites located less than 150 meters from surface water where drinking water is threatened). Although not applicable, this scenario is considered to evaluate potential reuse of soil at sites located over drinking water resources within the rail corridor.
- Site-specific land use (that is, C/I sites located less than 150 meters from surface water, where DWNT).
- Construction workers scenario.

The outcomes of this EHE are discussed in the following subsections and are summarized in Table 4-1 and on Figure 4-3.

4.2.1.1 Human Direct Exposure

Concentrations in soil samples above the HDOH unrestricted Tier 1 EAL are compared to the direct exposure EALs (Table I-1 through I-3 in the HDOH EAL Surfer [HDOH, 2018]), to evaluate whether COPCs in soil pose potentially unacceptable risks to human health by direct contact or accidental ingestion.

Based on a comparison to the HDOH EALs (Table 4-1), potential direct exposure concerns are identified under different land use scenarios for the following DUs, vertical DU layers, and chemicals:

- Unrestricted Land Use Scenario
 - DU DS01
 - S001A (1 to 2 feet bgs) - lead
 - S001C (2 to 3 feet bgs) - TPH-d
 - S001E (4 to 5 feet bgs) - TPH-d
 - S002H (7.5 to 9 feet bgs) – TPH-d
 - DU DS02
 - S001E (4 to 5 feet bgs) – benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenzo[a,h]anthracene, indeno[1,2,3-c,d]pyrene, and lead
 - S001G (6 to 7.5 feet bgs)³ – TPH-d
 - S002G (6 to 7.5 feet bgs) – TPH-d
 - S001H (7.5 to 9 feet bgs) – TPH-d
 - S002H (7.5 to 9 feet bgs) – TPH-d
 - DU DS03
 - S002H (7.5 to 9 feet bgs) – TPH-d
- C/I Tier 1, Site-specific Land Use, and Construction Workers Scenarios
 - DU DS01
 - S002H (7.5 to 9 feet bgs) – TPH-d
 - DU DS02
 - S001E (4 to 5 feet bgs) – benzo[a]pyrene
 - S002G (6 to 7.5 feet bgs) – TPH-d
 - S002H (7.5 to 9 feet bgs) – TPH-d
 - DU DS03
 - S002H (7.5 to 9 feet bgs) – TPH-d

³ As outlined in Section 3.1 and further discussed in Section 4.1.3, because of presence of grossly impacted soil in a limited number of boreholes, DU DS02 vertical DU layers S001G (6 to 7.5 feet bgs) and S001H (7.5 to 9 feet bgs) were further subdivided in S001G (no grossly impacted soil – 27 boring/increment locations) and S002G (presence of grossly-impacted soil – 3 boring/increment locations); and S001H (no grossly impacted soil – 16 boring/increment locations) and S002H (presence of grossly impacted soil – 14 boring/increment locations).

Therefore, potential direct exposure hazards are identified for the Downtown Station Makai Lot site under the four land use scenarios evaluated. Concerns under the site-specific and construction workers scenarios are limited to vertical DU layer S001E (4 to 5 feet bgs) and S002G (6 to 7.5 feet bgs – capillary fringe/shallow aquifer) in DU DS02, and vertical DU layer S002H (7.5 to 9 feet bgs – within shallow aquifer) in all three DUs (Figure 4-3).

4.2.1.2 Gross Contamination

Gross contamination of soil generally refers to the presence of nonaqueous phase liquid, offensive odors, unaesthetic appearance, general resource degradation, and generation of explosive vapors (HDOH, 2017). Soil data are initially compared to the gross contamination EALs for "Exposed or Potentially Exposed Soil" provided as Table F-2 in the HDOH EAL Surfer (HDOH, 2018). Where a potential concern is identified based on concentrations in soil above the gross contamination EALs, further assessment is conducted to confirm that presence of gross contamination exists. Further assessment is based on evidence observed in the field, such as presence of LNAPL, strong staining or odor, or elevated (greater than 10 ppm) VOC readings as measured with a field-portable PID.

Based on a comparison to the HDOH EALs (Table 4-1), potential gross contamination concerns are identified under different land use scenarios for the following DUs, vertical DU layers, and chemicals:

- Unrestricted Land Use Scenario
 - DU DS01
 - S001C (2 to 3 feet bgs) - TPH-o
 - S001D (3 to 4 feet bgs) - TPH-o
 - S001E (4 to 5 feet bgs) - TPH-o
 - S001F (5 to 6 feet bgs) - TPH-o
 - S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o
 - DU DS02
 - S001E (4 to 5 feet bgs) - TPH-o
 - S001F (5 to 6 feet bgs) - TPH-o
 - S001G (6 to 7.5 feet bgs)⁴ – TPH-o
 - S002G (6 to 7.5 feet bgs) – TPH-d and TPH-o
 - S001H (7.5 to 9 feet bgs) – TPH-d and TPH-o
 - S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o
 - DU DS03
 - S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o
- C/I Tier 1 and Site-Specific Land Use Scenarios
 - DU DS01

⁴ As outlined in Section 3.1 and further discussed in Section 4.1.3, DU DS02 vertical DU layers G (6 to 7.5 feet bgs) and H (7.5 to 9 feet bgs) were further subdivided in 1G (no grossly impacted soil – 27 boring/increment locations) and 2G (presence of grossly impacted soil – 3 boring/increment locations), and 1H (no grossly impacted soil – 16 boring/increment locations) and 2H (presence of grossly impacted soil – 14 boring/increment locations).

- S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o
- DU DS02
- S002G (6 to 7.5 feet bgs) – TPH-d
- S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o
- DU DS03
- S002H (7.5 to 9 feet bgs) – TPH-d and TPH-o

Based on concentrations of TPH-g, TPH-o, and field evidence, with presence of strong odor, staining, elevated VOC readings, or LNAPL (see boring logs in Appendix C, cross sections on Figures 3-2a through 3-2d, and lateral extent of contamination on Figure 4-2), gross contamination concerns appear to exist at the Downtown Station Makai Lot for the following DUs/vertical DU layers under all four land use scenarios evaluated (Figure 4-3):

- DU DS01
 - S002H (7.5 to 9 feet bgs)
- DU DS02
 - S002G (6 to 7.5 feet bgs)
 - S002H (7.5 to 9 feet bgs)
- DU DS03
 - S002H (7.5 to 9 feet bgs)

4.2.1.3 Leaching to Groundwater

To evaluate whether the COPCs detected in soil could potentially leach to groundwater, soil data are generally compared to the HDOH leaching EALs (Table E in the HDOH EAL Surfer [HDOH, 2018]). Although concentrations of acetone (DU DS01 only), TPH-d, TPH-o, and some PAHs are above the HDOH leaching EALs under the unrestricted Tier 1, C/I Tier 1, and/or site-specific land use scenarios, the soil to groundwater leaching pathway is not considered an active pathway at the site because concentration of COPCs are below the HDOH unrestricted Tier 1 EALs in groundwater at the upgradient, source, crossgradient, and downgradient locations (see Section 3.4 and Table 3-7 for details).

Therefore, leaching of COPCs from soil to groundwater is not considered to be a concern at the Downtown Station Makai Lot (Figure 4-3).

4.2.1.4 Vapor Intrusion to Indoor Air

To evaluate whether the COPCs detected in soil could create a vapor intrusion concern potentially impacting indoor air of future buildings, soil data are generally compared to the HDOH vapor intrusion EALs (Table C-1b in the HDOH EAL Surfer [HDOH, 2018]). For soil COPCs associated with potential vapor intrusion concern, further assessment is conducted by evaluating shallow soil vapor results (where available).

Based on a comparison to the HDOH EALs (Table 4-1), potential vapor intrusion concerns are identified for soil under different land use scenarios for the following DUs, vertical DU layers, and chemicals:

- Unrestricted Land Use Scenario
 - DU DS01
 - S001A (1 to 2 feet bgs) - PCE

- S001B (1 to 2 feet bgs) - PCE
- S001C (2 to 3 feet bgs) - PCE
- DU DS02
- S001C (2 to 3 feet bgs) - PCE
- S001E (4 to 5 feet bgs) – PCE and pyrene
- S002G (6 to 7.5 feet bgs) – 1,2-DCA
- DU DS03
- S001A (0 to 10 feet bgs) - PCE
- S002H (7.5 to 9 feet bgs) – naphthalene
- C/I Tier 1 and Site-Specific Land Use Scenarios
 - DU DS02
 - S001E (4 to 5 feet bgs) – pyrene

Soil vapor samples were collected only within DU DS01, where future station enclosed buildings are planned based on current design. As further discussed in Section 4.2.2 and summarized on Figure 4-3, based on soil vapor data, potential vapor intrusion concerns are confirmed under the unrestricted land use scenario within DU DS01 and cannot be excluded for DUs DS02 and DS03 (that is, no soil vapor data available). Under the site-specific scenario, potential vapor intrusion concerns are not considered to be present within DU DS01, but cannot be excluded for DU DS02 (no soil gas data available).

4.2.2 Shallow Soil Vapor

After the initial Tier 1 evaluation, PCE was found at concentrations above the HDOH Tier 1 EALs and is confirmed as the only COPC for Downtown Station Makai Lot site. However, soil vapor sampling was conducted only within DU DS01, where future buildings will be constructed within the site boundary. This Tier 2 evaluation considers available shallow soil vapor data and soil sample results to further evaluate vapor intrusion concerns at the Downtown Station Makai Lot.

As summarized on Figure 4-3, potential vapor intrusion concerns exist at the site under different land use scenarios within the following DUs:

- Unrestricted Land Use Scenario
 - DU DS01 – Potential vapor intrusion concerns identified because of concentrations of PCE in soil above the vapor intrusion EAL between 0 and 3 feet bgs are confirmed by shallow soil vapor samples above the HDOH unrestricted Tier 1 EAL.
 - DU DS02 – Potential vapor intrusion concerns identified because of concentrations of 1,2-DCA, PCE, and pyrene in soil above the vapor intrusion EALs between 2 and 5 feet bgs and between 6 and 7.5 feet bgs cannot be excluded because no shallow soil vapor data are available for this DU. If station design changes or soil is removed to be reused offsite (not expected) additional soil vapor sampling may be required to further evaluate vapor intrusion concerns.
 - DU DS03 – Potential vapor intrusion concerns identified because of concentrations of PCE and naphthalene in soil above the vapor intrusion EALs between 0 and 10 feet bgs cannot be excluded because no shallow soil vapor data are available for this DU. If design station

design changes or soil was removed to be reused offsite (not expected) additional soil vapor sampling may be required to further evaluate vapor intrusion concerns.

- Site-Specific Land Use Scenario

- DU DS01 - Shallow soil vapor sampling reported COPC concentrations below the HDOH site-specific EALs within DU DS01. No vapor intrusion concern exists in this DU under the site-specific land use scenario. Based on available data, occupational workers potentially working in future buildings within the Downtown Station Makai Lot are not expected to be exposed to unacceptable risk due to the presence of COPCs in soil vapor.
- DU DS02 – Because no shallow soil vapor data are available within this DU, the potential vapor intrusion concerns identified because of concentrations of pyrene in soil above the site-specific vapor intrusion EALs between 4 and 5 feet bgs cannot be excluded under the site-specific scenario. Although pyrene is not considered very volatile (Henry's Law constant of 1.2×10^{-5} atmosphere cubic meter per mole [atm m³/mol] and molecular weight of 202)⁵, if design plans change, shallow soil vapor sampling may be necessary within this DU to further evaluate vapor intrusion concerns.
- DU DS03 – Although no soil shallow soil vapor data are available within this DU, soil concentrations are below the site-specific vapor intrusion EALs. No vapor intrusion concern exists in this DU under the site-specific land use scenario. Based on available data, occupational workers potentially working in future buildings within the Downtown Station Makai Lot are not expected to be exposed to unacceptable risk because of the presence of COPCs in soil vapor.

⁵ Per HDOH Table C-1b of the HDOH EAL Surfer (HDOH, 2018), a chemical is considered to be volatile if its Henry's Law constant is greater than 1×10^{-5} atm m³/mol and its molecular weight is greater than 200.

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5.0 Environmental Hazard Management Plan

The EHE described in Section 4.2 identified potentially unacceptable risks and hazards remaining in soil and soil vapor at the Downtown Station Makai Lot under the unrestricted and site-specific land use scenarios. As indicated in HDOH Technical Guidance Manual (HDOH, 2008), potential risks remaining at the site should be addressed through an EHMP. This site-specific EHMP describes the proposed strategy for long-term management of contaminated soil and soil vapor within different DUs at the Downtown Station Makai Lot.

Although the HART Programmatic EHE-EHMP (HART, 2014) generally applies for anything that is not covered under the site-specific EHMP elements discussed herein, information provided in Section 5.2 supplements the guidance provided in the programmatic EHMP.

5.1 Summary of Environmental Hazards

Based on the Phase II ESA investigation conducted in August and October 2020 and the EHE presented in Section 4, potential vapor intrusion, direct exposure, and gross contamination concerns exist at the site. The following environmental concerns (by DU) at the site require long-term management (see Figure 4-3):

- DS01
 - Unrestricted Land Use Scenario
 - Human direct exposure for vertical DU layers S001A (0 to 1 feet bgs), S001C (2 to 3 feet bgs), S001E (4 to 5 feet bgs), and S002H (7.5 to 9 feet bgs)
 - Gross contamination for vertical DU layer S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.
 - Vapor intrusion concerns for vertical DU layers S001A (0 to 1 feet bgs), S001B (1 to 2 feet bgs), and S001C (2 to 3 feet bgs).
 - Site-specific Land Use Scenario
 - Human direct exposure for vertical DU layer S002H (7.5 to 9 feet bgs).
 - Gross contamination for vertical DU layer S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.
 - Construction Workers Scenario
 - Human direct exposure for vertical DU layer S002H (7.5 to 9 feet bgs).
- DS02
 - Unrestricted Land Use Scenario
 - Human direct exposure for vertical DU layers S001E (4 to 5 feet bgs), S001G and S002G (6 to 7.5 feet bgs), and S001H and S002H (7.5 to 9 feet bgs).
 - Gross contamination for vertical DU layers S002G (6 to 7.5 feet bgs) and S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.

- Vapor intrusion concerns for vertical DU layers S001C (2 to 3 feet bgs), S001E (4 to 5 feet bgs) and S002G (6 to 7.5 feet bgs).
- Site-Specific Land Use Scenario
 - Human direct exposure for vertical DU layers S001E (4 to 5 feet bgs), S002G (6 to 7.5 feet bgs), and S002H (7.5 to 9 feet bgs).
 - Gross contamination for vertical DU layers S002G (6 to 7.5 feet bgs) and S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.
 - Vapor intrusion concerns for vertical DU layer S001E (4 to 5 feet bgs).
- Construction Workers Scenario
 - Human direct exposure for vertical DU layers S001E (4 to 5 feet bgs), S002G (6 to 7.5 feet bgs), and S002H (7.5 to 9 feet bgs).
- DS03
 - Unrestricted Land Use Scenario
 - Human direct exposure for vertical DU layer S002H (7.5 to 9 feet bgs).
 - Gross contamination for vertical DU layer S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.
 - Vapor intrusion concerns for vertical DU layer S001A (0 to 10 feet bgs).
 - Site-Specific Land Use Scenario
 - Human direct exposure for vertical DU layer S002H (7.5 to 9 feet bgs).
 - Gross contamination for vertical DU layer S002H (7.5 to 9 feet bgs). The areas where grossly impacted soil was observed are represented on Figure 4-2.
 - Construction Workers Scenario
 - Human direct exposure for vertical DU layer S002H (7.5 to 9 feet bgs).

As discussed in Section 4.2, leaching from soil to groundwater, and groundwater pathways are not considered to be a concern at the Downtown Station Makai Lot.

Based on the EHE evaluations, the following chemicals are confirmed as COCs for the Downtown Station Makai Lot:

- Soil
 - 1,2-DCA⁶
 - PCE⁶
 - TPH-d
 - TPH-o
 - Benzo[a]anthracene⁶
 - Benzo[a]pyrene
 - Benzo[b]fluoranthene⁶

⁶ Chemical is a concern only under a hypothetical unrestricted land use scenario (not a concern under the site-specific land use scenario).

- Dibenzo[a,h]anthracene⁶
- Indeno[1,2,3-c,d]pyrene⁶
- Naphthalene⁶
- Pyrene
- Lead⁶
- Soil vapor
 - 1,2-DCA⁶
 - PCE⁶
 - Naphthalene⁶
 - Pyrene

5.2 Site Controls Implementation and Long-term Management of Contaminated Media

The EHE identified potential hazards under unrestricted, site-specific, and construction workers land use scenarios. Environmental management areas are identified on Figures 5-1 and 5-2. This EHMP describes management options for contaminated soil and soil vapor, including a combination of management in place and excavation and disposal, which should be implemented at the Downtown Station Makai Lot during construction of the planned transit station and in the long term after construction activities are completed.



Contaminated soil excavated during future construction activities will be managed in accordance with this site-specific EHMP. Soil vapor concern exist only if design changes, soil is reused offsite in a residential area, or the site is redeveloped for residential use (not expected). Based on available data, no concerns exist, and no site controls or long-term management requirements apply for groundwater at the site.

Because different activities will occur in different portions of the site in the future, site controls and soil management practices may differ within each DU as well. Recommended site controls are summarized on Figures 5-1 and 5-2 and are outlined for each DU/vertical DU layer as follows:

Soil (Figure 5-1)

- DU DS01
 - Vertical DU layers S001A through S001E (0 to 5 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite (and along the rail corridor at all locations [that is, no concerns identified for soil under any C/I land use scenario because the soil to groundwater leaching pathway is incomplete]) or disposed of at on-island disposal facility as nonhazardous waste.
 - Vertical DU layers S001F and S001G (5 to 7.5 feet bgs) – No restrictions.
 - Vertical DU layer S002H (7.5 to 9 feet bgs) – Soil can be managed in place if not excavated (that is, concentrations in groundwater are below the HDOH unrestricted Tier 1 EALs and leaching of grossly impacted soil to groundwater is not a concern). If excavated, soil within the grossly impacted area will need to be disposed of at an on-island disposal facility as nonhazardous waste. Soil outside of the grossly impacted area will need to be sampled for reuse or disposed of at an on-island disposal facility as nonhazardous waste. Soil sampling

will be conducted at a frequency of one sample every 200 cubic yards for reuse within the rail corridor; if reuse outside of the corridor is considered, sampling will be conducted in accordance with the HDOH Guidance for Evaluation of Imported and Exported Fill Material (HDOH, 2017).

- Vertical DU layer S001I (10 to 11 feet bgs) – No action is needed if soil is left in place. If excavated, soil can be reused onsite. Additional sampling may be necessary if soil is reused offsite because limited data is available from the Phase II ESA investigation. Soil sampling will be conducted at a frequency of one sample every 200 cubic yards for reuse within the rail corridor; if reuse outside of the corridor is considered, sampling will be conducted in accordance with the HDOH Guidance for Evaluation of Imported and Exported Fill Material (HDOH, 2017).
- Other depths – Soil that has not been sampled during the Phase II ESA investigation (that is, surge rock between 9 and 10 feet bgs and soil deeper than 11 feet bgs) is expected to be at concentrations below the HDOH unrestricted Tier 1 EALs. Although the soil can be reused onsite, because no or limited information is available for the specific layer or the layer immediately above, sampling may be necessary if soil is excavated and reused offsite. Soil sampling will be conducted at a frequency of one sample every 200 cubic yards for reuse within the rail corridor; if reuse outside of the corridor is considered, sampling will be conducted in accordance with the HDOH Guidance for Evaluation of Imported and Exported Fill Material (HDOH, 2017).
- DU DS02
 - Vertical DU layers S001A and S001B (0 to 2 feet bgs) – No restrictions.
 - Vertical DU layer S001C (2 to 3 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite (and along the rail corridor at all locations [that is, no concerns identified for soil under any C/I land use scenario because the soil to groundwater leaching pathway is incomplete]) or be disposed of at on-island disposal facility as non-hazardous waste.
 - Vertical DU layer S001D (3 to 4 feet bgs) – No restrictions.
 - Vertical DU layer S001E (4 to 5 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If excavated, soil can be reinterred onsite or be disposed of at an on-island disposal facility as non-hazardous waste.
 - Vertical DU layer S001F (5 to 6 feet bgs) – No restrictions
 - Vertical DU layers S001G, S002G, S001H, and S002H (6 to 9 feet bgs) – Soil can be managed in place if not excavated (that is, concentrations in groundwater are below the HDOH unrestricted Tier 1 EALs and leaching of grossly impacted soil to groundwater is not a concern). If excavated, soil within grossly impacted area will need to be disposed of at an on-island disposal facility as nonhazardous construction soil waste. Soil outside of the grossly impacted area can be reused onsite (if no gross contamination is observed) or disposed of at an on-island disposal facility as nonhazardous waste.
 - Vertical DU layer S001I (10 to 11 feet bgs) – No action is needed if soil is left in place. If excavated, soil can be reused onsite. Additional sampling may be necessary (1 sample every 200 cubic yard) if soil is reused offsite because limited data is available from the Phase II ESA investigation.

- Other depths – Soil that has not been sampled during the Phase II ESA investigation (that is, surge rock between 9 and 10 feet bgs and soil deeper than 11 feet bgs) is expected to be at concentrations below the HDOH unrestricted Tier 1 EALs. Although the soil can be reused onsite, because no or limited information is available for the specific layer or the layer immediately above, sampling may be necessary if soil is excavated and is reused offsite. Soil sampling will be conducted at a frequency of one sample every 200 cubic yards for reuse within the rail corridor; if reuse outside of the corridor is considered, sampling will be conducted in accordance with the HDOH Guidance for Evaluation of Imported and Exported Fill Material (HDOH, 2017).
- DU DS03
 - Vertical DU layer S001A (0 to 7.5 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite (and along the rail corridor at all locations [that is, no concerns identified for soil under any C/I land use scenario because the soil to groundwater leaching pathway is not active]) or be disposed of at on-island disposal facility as non-hazardous waste.
 - Vertical DU layer S002H (7.5 to 9 feet bgs) – Soil can be managed in place if not excavated (that is, concentrations in groundwater are below the HDOH unrestricted Tier 1 EALs and leaching of grossly impacted soil to groundwater is not a concern). If excavated, soil within grossly impacted area will need to be disposed of at an on-island disposal facility as non-hazardous waste. Soil outside of the grossly impacted area can be reused onsite (if no gross contamination is observed) or disposed of at an on-island disposal facility as non-hazardous waste.
 - Vertical DU layer S001A (9 to 10 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite (and along the rail corridor at all locations [that is, no concerns identified for soil under any C/I land use scenario because the soil to groundwater leaching pathway is not active]) or be disposed of at on-island disposal facility as non-hazardous waste.
 - Vertical DU layer S001B (10 to 20 feet bgs) – No restrictions.


Soil Vapor (Figure 5-2)

- DU DS01
 - Vertical DU layers S001A through S001E (0 to 5 feet bgs) – No action is needed if soil is left in place and land use remains C/I. If land use changed to residential, a vapor barrier would be needed for residential buildings potentially constructed within DU DS01 or soil would need to be removed to address vapor intrusion concerns.
 - Vertical DU layers S001F and S001G (5 to 7.5 feet bgs) – No restrictions.
 - Vertical DU layers S002H and S001I (greater than 7.5 feet bgs) – No actions for soil vapor.
- DU DS02
 - Vertical DU layers S001A through s001E (0 to 5 feet bgs) – No action is needed if soil is left in place, land use remains C/I, and station design does not change (that is, no enclosed structure built within the DU). If land use changed to residential or station design changed, samples would need to be collected to evaluate soil vapor concentrations or a vapor barrier would be needed for enclosed structures to address potential vapor intrusion concerns.
 - Vertical DU layer S001F (5 to 6 feet bgs) – No restrictions.

- Vertical DU layers S001G through S001I (greater than 6 feet bgs) – No actions for soil vapor.
- DU DS03
 - Vertical DU layer S001A (0 to 7.5 feet bgs) – No action is needed if soil is left in place, land use remains C/I, and station design does not change (that is, no enclosed structure built within the DU). If land use changed to residential or station design changed, samples would need to be collected to evaluate soil vapor concentrations or a vapor barrier would be needed to address potential vapor intrusion concerns.
 - Vertical DU layer S002H (7.5 to 9 feet bgs) – No actions for soil vapor.
 - Vertical DU layers S001A and S001B (greater than 9 feet bgs) – No restrictions.

Under a hypothetical residential scenario, soil from vertical DU layers where a hazard is identified under the unrestricted land use scenario (see Figure 4-3) would need to be removed and either reused within the corridor or disposed of at on-island disposal facility as non-hazardous waste. The evaluation for management of soil generally complies with the Programmatic EHMP and the Project Work Plan (HART, 2019). Although some vertical DU layers exceed the soil volume sampling requirement of one sample every 200 cubic yards identified in the Project Work Plan (HART, 2019), all DUs were densely characterized with MIS samples. Where soil from a specific vertical DU layer is recommended for possible reuse with no restrictions, the decision is supported by one MIS sample collected in that interval and 30 individual borehole samples.

Since concentrations in groundwater beneath the site are below the HDOH unrestricted Tier 1 EALs, groundwater generated during construction can be re-infiltrated on site without treatment provided that no evidence of gross contamination (e.g., sheen or LNAPL) is observed on the groundwater.

As new data become available (for example, after construction  the EHMP presented in this section should be updated to ensure potential receptors are not exposed to unacceptable risk.

6.0 Summary of Results and Recommendations

The past Phase I ESAs conducted at the Downtown Station Makai Lot recommended further assessment to be conducted at the site to investigate contamination potentially present in the subsurface at the site. A Phase II ESA investigation was conducted from August through October 2020, in accordance with the Project Work Plan (HART, 2019), the HDOH TGM (HDOH, 2008 and subsequent updates), and the ASTM *Standard E1903-11* (ASTM, 2011). Activities included MIS soil, groundwater, and soil vapor sampling at three DUs.

Investigation activities reported concentrations COPCs in soil and soil vapor above the HDOH unrestricted Tier 1 EALs. Soil concentrations for acetone, TPH-d, TPH-o, 1-methyl naphthalene, benzo[a]anthracene, benzo[a]pyrene, naphthalene, and pyrene are also above the HDOH site-specific EALs at different depths, with the highest levels found within the shallow aquifer where grossly impacted soil was observed at the bottom of the fill material between approximately 7.5 and 9 feet bgs. Grossly impacted soil and highest concentrations of COPCs were associated with oil sand possibly used for corrosion control at the bottom of the former fuel oil tanks that were present on site between the 1920s and the 1950s.

Hypothetical future residents, occupational workers, and construction workers were identified as receptors potentially exposed through incidental ingestion, dermal contact, and inhalation. Because the site is in a developed area and concentrations in groundwater at the site are below the HDOH unrestricted Tier 1 EALs, terrestrial and aquatic ecological receptors are not considered a concern.

Through the development of an EHE, human direct exposure, gross contamination, and vapor intrusion concerns are confirmed to be a concern at the Downtown Station Makai Lot. Soil COCs are identified as VOCs (1,2-DCA and PCE), TPHs (TPH-d and TPH-o), PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenzo[a,h]anthracene, indeno[1,2,3-c,d]pyrene, naphthalene, and pyrene), and the metal lead. COCs in soil vapor are VOCs (1,2-DCA and PCE) and PAHs (naphthalene and pyrene).

To address unacceptable risks, a combination of soil management, soil excavation and disposal, and soil vapor management is recommended at the site. An EHMP is developed to manage risk associated with soil and soil vapor during construction and long-term site activities. As new data become available (for example, after construction), the EHE and EHMP should be updated to ensure potential receptors are not exposed to unacceptable risk.

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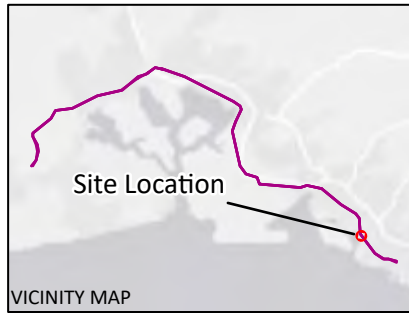
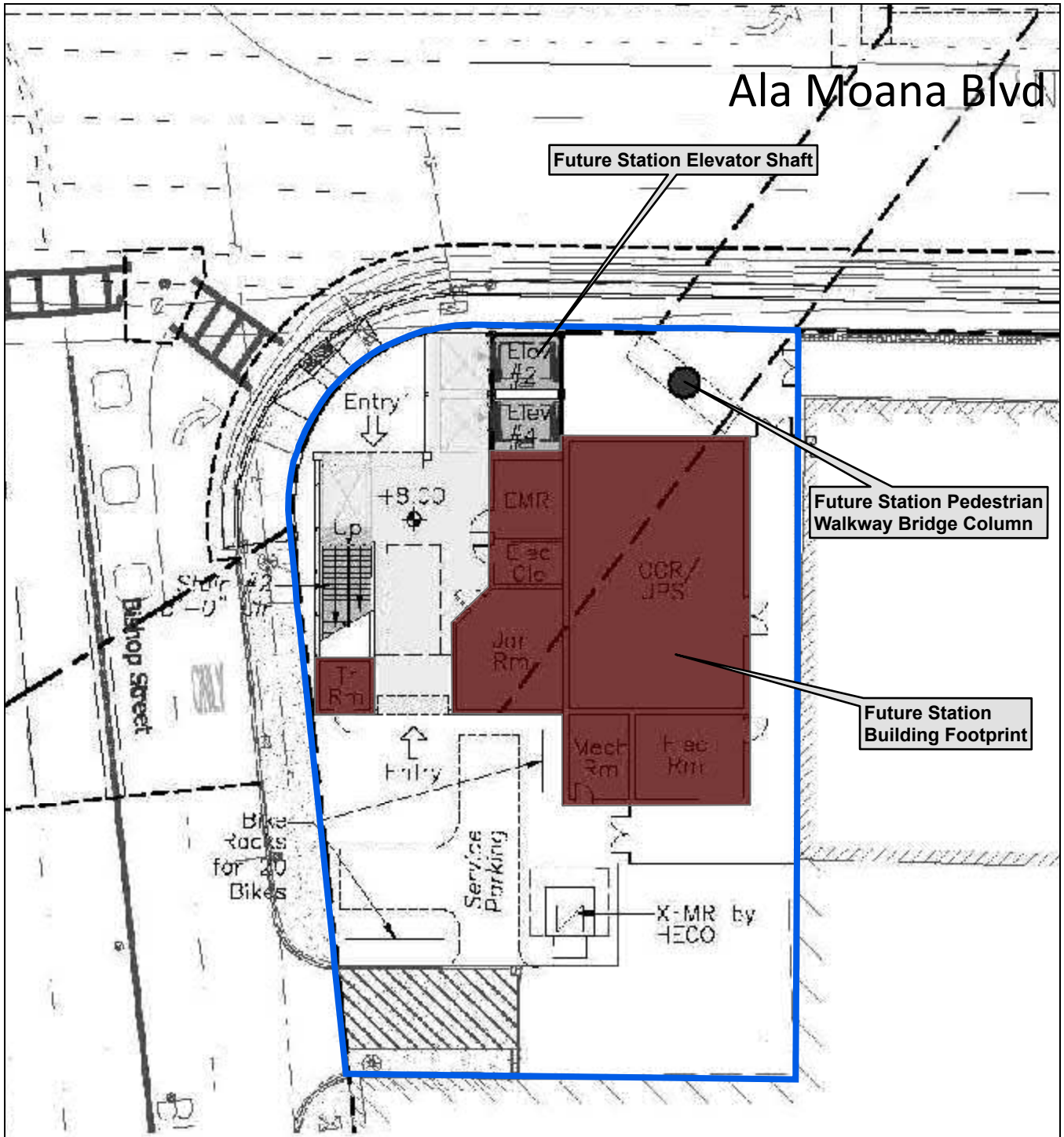
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Figures

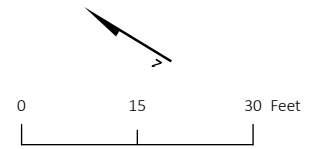
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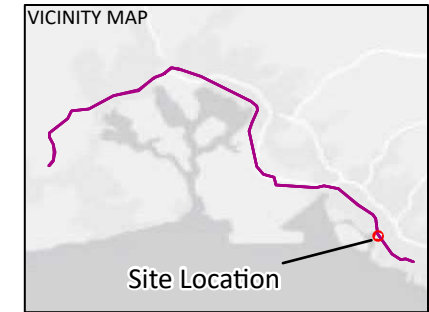
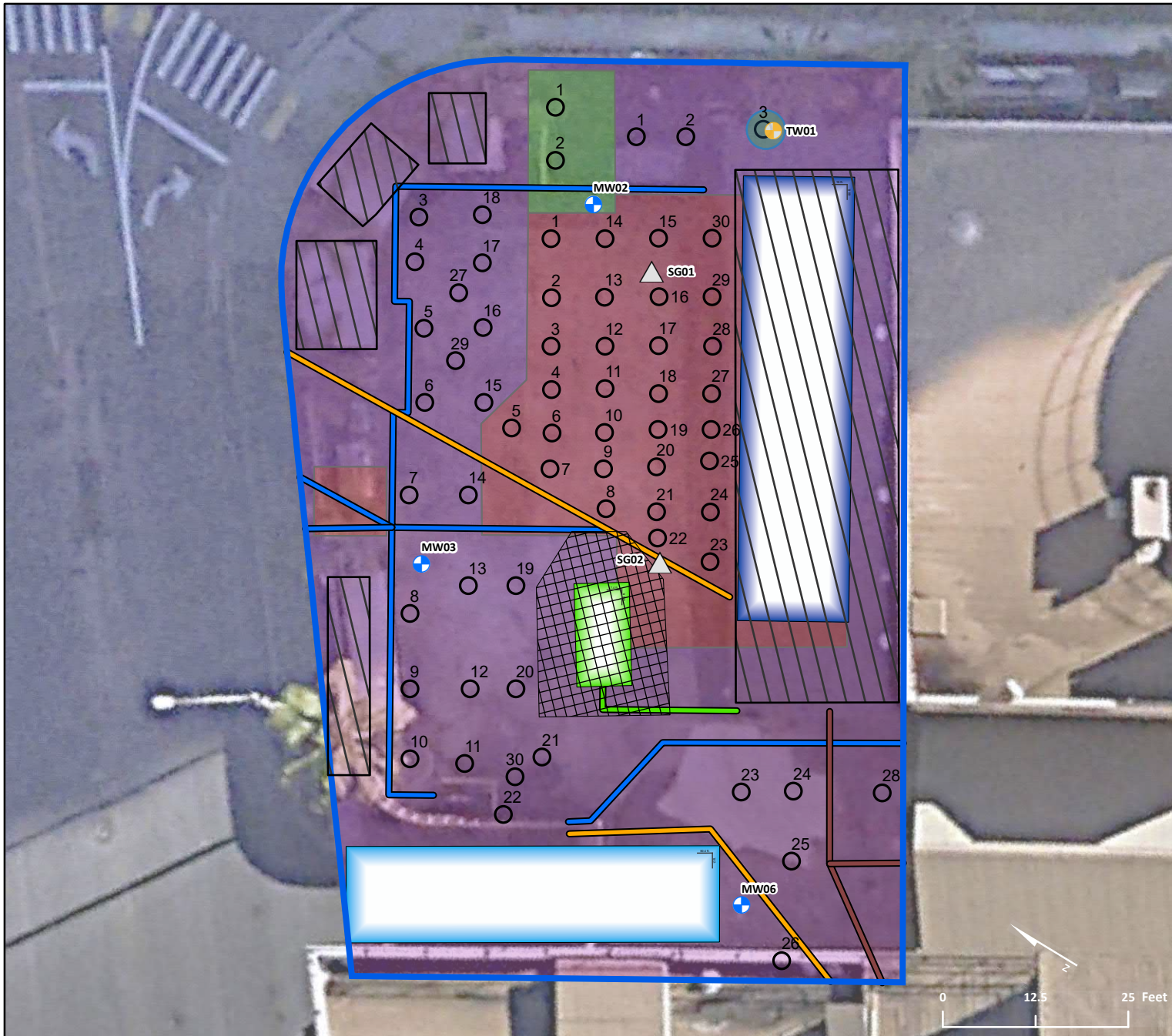


LEGEND

- Site Boundary
- Decision Units
- Future Station Building Footprint

FIGURE 1-1
Site Location Layout
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii

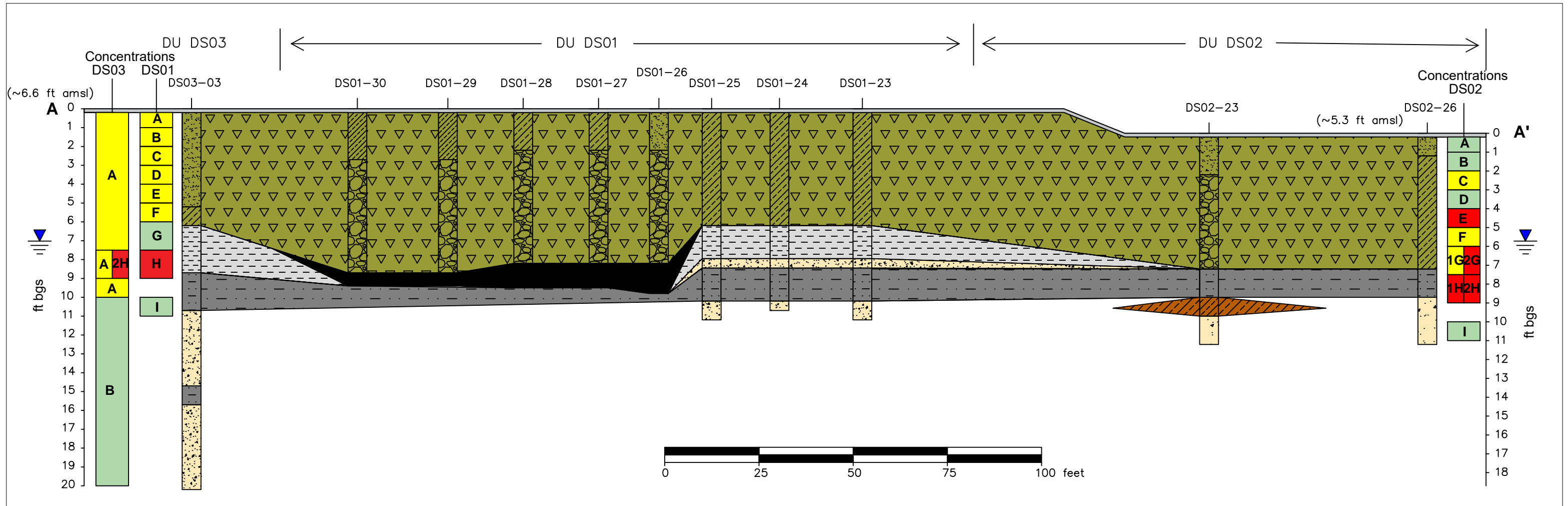




- LEGEND**
- Approximate Location Of Existing Permanent Monitoring Well
 - Approximate Location Of Temporary Monitoring Well
 - Temporary Soil Vapor Monitoring Probe
 - Electrical Line
 - Former UST Gasoline Line
 - Water Line
 - Stormwater Line
 - Site Boundary
 - Heavy Rebar Area
 - Former UST for Gasoline (Removed)
 - Underground Water Tank
 - Underground Water Tank (Abandoned)
- Decision Units**
- DS01
 - DS02
 - DS03
 - Surface Structures
 - Approximate Increment/Boring Location

Notes:
 DU = decision unit
 UST = underground storage tank

FIGURE 3-1
Approximate Investigation Point Locations
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



LEGEND

- SURFACE PAVING – Concrete or asphalt.
- MIXED FILL SOIL
 - Sandy silt with gravel.
 - Gravelly sand with silt.
- NATIVE SOIL
 - Silty clay.
 - Sandy silt.
- Medium sand with evidence of gross contamination (odor, staining, elevated PID, or LNAPL). Surge rock at bottom.
- Black volcanic cinder.
- Coralline sand and gravel.

- Concentrations below the HDOH unrestricted Tier 1 EALs.
- Concentrations above the HDOH unrestricted Tier 1 EALs, but below the HDOH site-specific EALs.
- Concentrations above the HDOH site-specific EALs.

The letter in the box identifies the vertical decision unit layer.

HDOH unrestricted Tier 1 EALs = State of Hawaii Department of Health Environmental Action Level for unrestricted use of sites located less than 150 meters from surface water, where drinking water is threatened.

HDOH site-specific EALs = State of Hawaii Department of Health Environmental Action Level for commercial/industrial sites located less than 150 meters from surface water, where drinking water is not threatened.

- Approx. groundwater level (ft bgs), tidally influenced.
 - Approximate extent of grossly impacted soil (see key map – additional details in Section 4.1.3 of the text).
 - Boring with no evidence of grossly impacted soil.
 - Boring with evidence of grossly impacted soil.
- Notes:
 DU = decision unit
 ft amsl = feet above mean sea level
 ft bgs = feet below ground surface
 LNAPL = light non aqueous phase liquid
 PID = photoionization detector

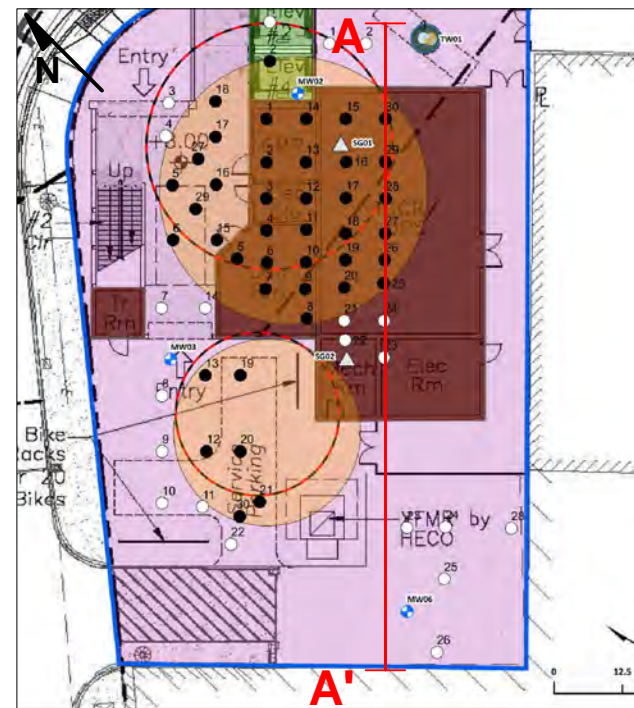
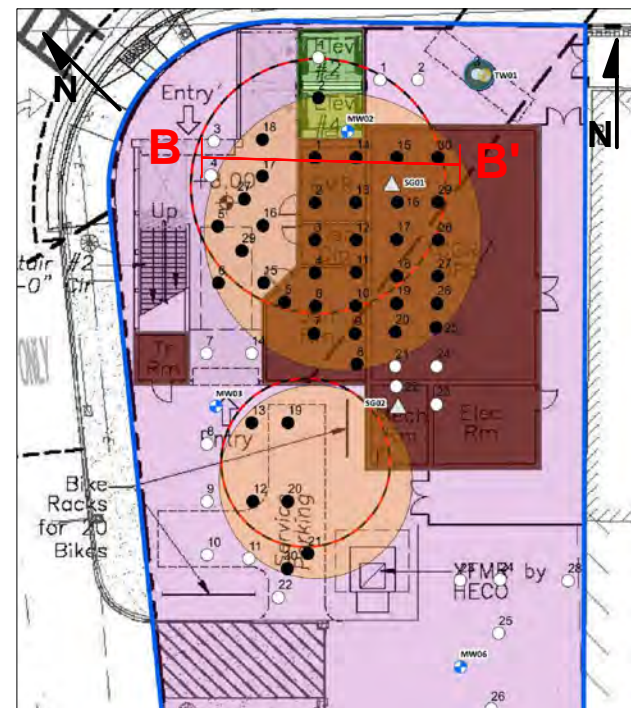
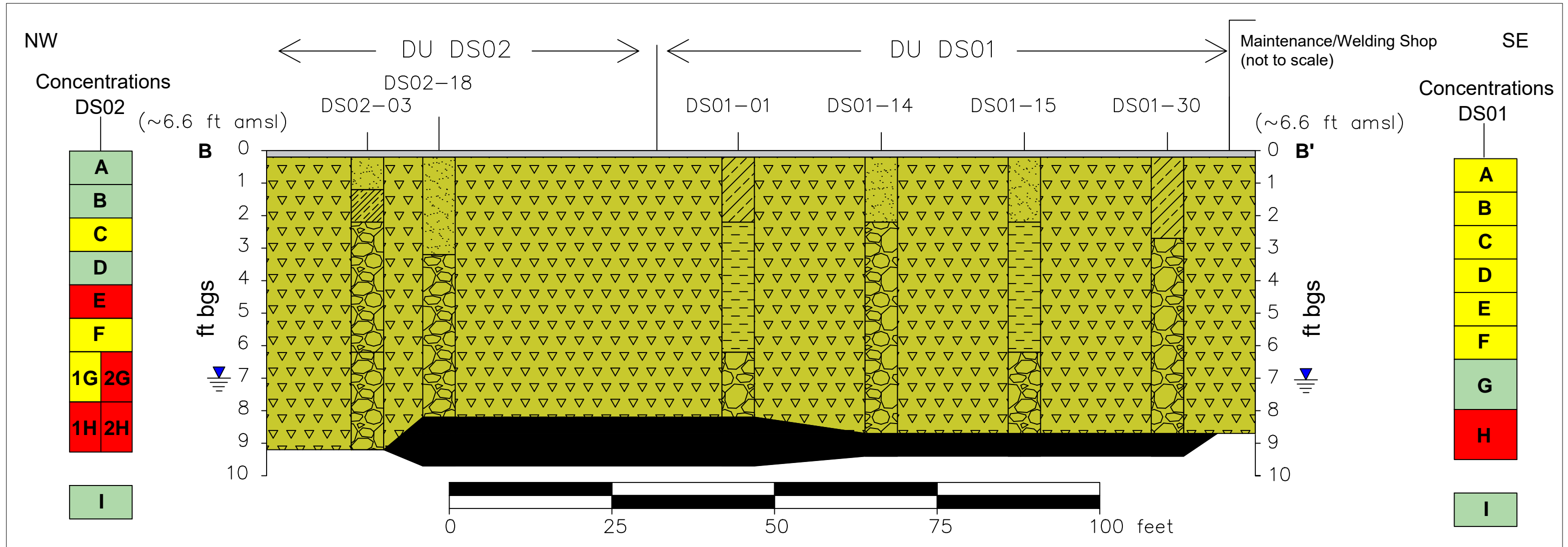


FIGURE 3-2a
Cross Section A-A' (Northeast-Southwest)
Phase II Environmental Site Assessment at Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



LEGEND

- SURFACE PAVING – Concrete or asphalt.
- MIXED FILL SOIL
 - Sandy silt with gravel.
 - Gravelly sand with silt.
 - Sandy gravel.
 - Medium sand with evidence of gross contamination (odor, staining, elevated PID, or LNAPL). Surge rock at bottom.
- NATIVE SOIL
 - Silty clay.
 - Sandy silt.
 - Black volcanic cinder.
 - Coralline sand and gravel.

- Concentrations below the HDOH unrestricted Tier 1 EALs.
- Concentrations above the HDOH unrestricted Tier 1 EALs, but below the HDOH site-specific EALs.
- Concentrations above the HDOH site-specific EALs.

- Approx. groundwater level (ft bgs), tidally influenced.
- Approximate extent of grossly impacted soil (see key map – additional details in Section 4.1.3 of the text).
- Boring with no evidence of grossly impacted soil.
- Boring with evidence of grossly impacted soil.

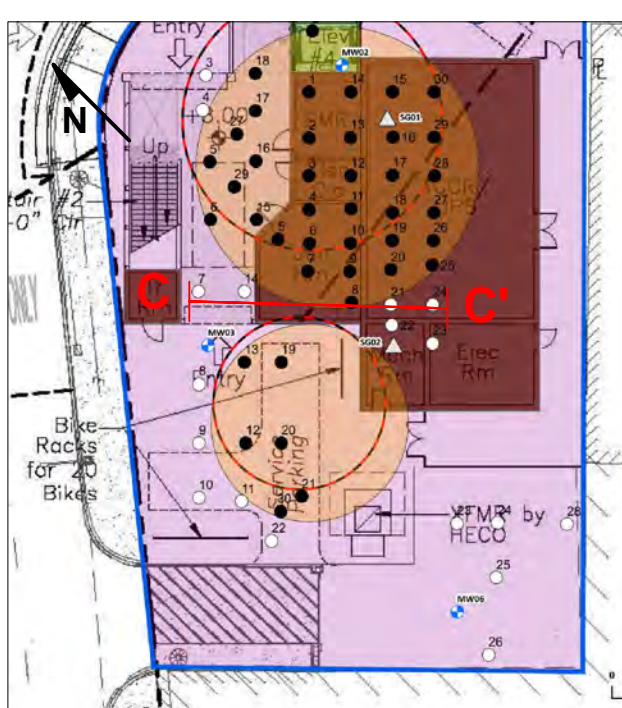
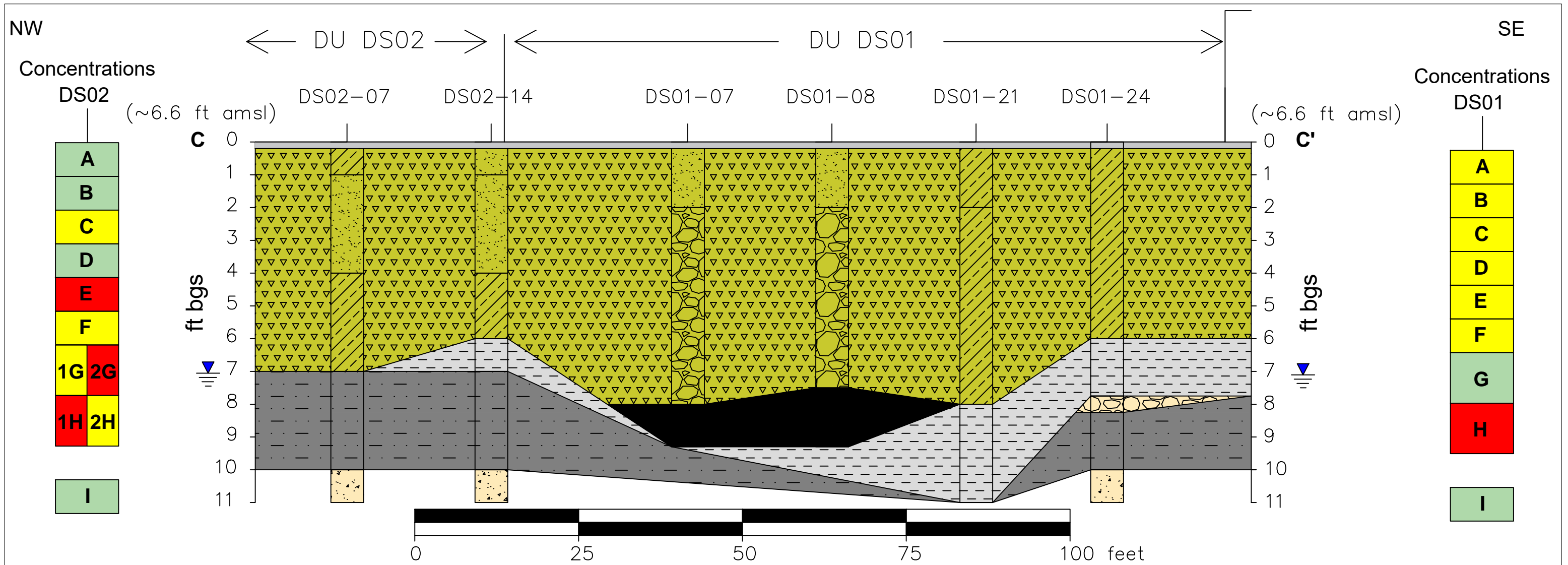
Notes:
 DU = decision unit
 ft amsl = feet above mean sea level
 ft bgs = feet below ground surface
 LNAPL = light non aqueous phase liquid
 PID = photoionization detector

The letter in the box identifies the vertical decision unit layer.

HDOH unrestricted Tier 1 EALs = State of Hawaii Department of Health Environmental Action Level for unrestricted use of sites located less than 150 meters from surface water, where drinking water is threatened.

HDOH site-specific EALs = State of Hawaii Department of Health Environmental Action Level for commercial/industrial sites located less than 150 meters from surface water, where drinking water is not threatened.

FIGURE 3-2b
Cross Section B-B' (Northwest-Southeast)
Phase II Environmental Site Assessment at Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



LEGEND

- SURFACE PAVING – Concrete or asphalt.
- MIXED FILL SOIL
 - Sandy silt with gravel.
 - Gravelly sand with silt.
- NATIVE SOIL
 - Silty clay.
 - Sandy silt.
- Medium sand with evidence of gross contamination (odor, staining, elevated PID, or LNAPL). Surge rock at bottom.
- Black volcanic cinder.
- Coralline sand and gravel.

- Concentrations below the HDOH unrestricted Tier 1 EALs.
- Concentrations above the HDOH unrestricted Tier 1 EALs, but below the HDOH site-specific EALs.
- Concentrations above the HDOH site-specific EALs.

Notes:
 DU = decision unit
 ft amsl = feet above mean sea level
 ft bgs = feet below ground surface
 LNAPL = light non aqueous phase liquid
 PID = photoionization detector

Approx. groundwater level (ft bgs), tidally influenced.

Approximate extent of grossly impacted soil (see key map – additional details in Section 4.1.3 of the text).

Boring with no evidence of grossly impacted soil.

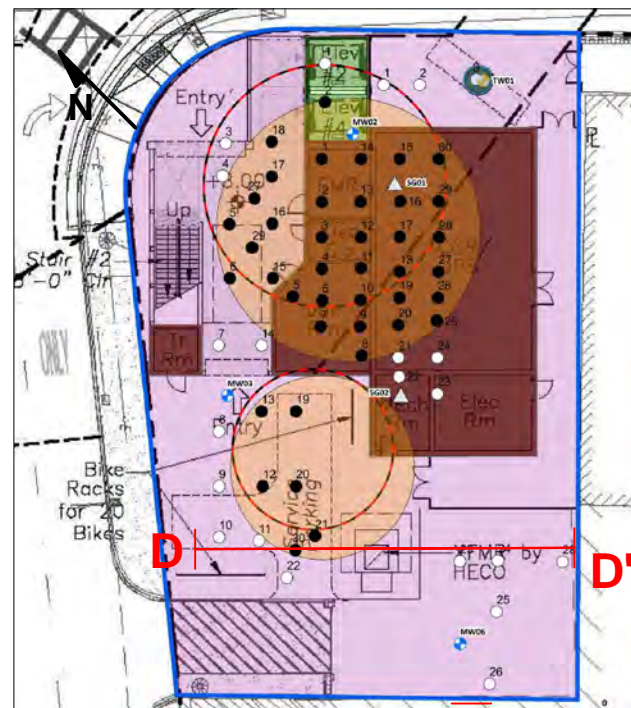
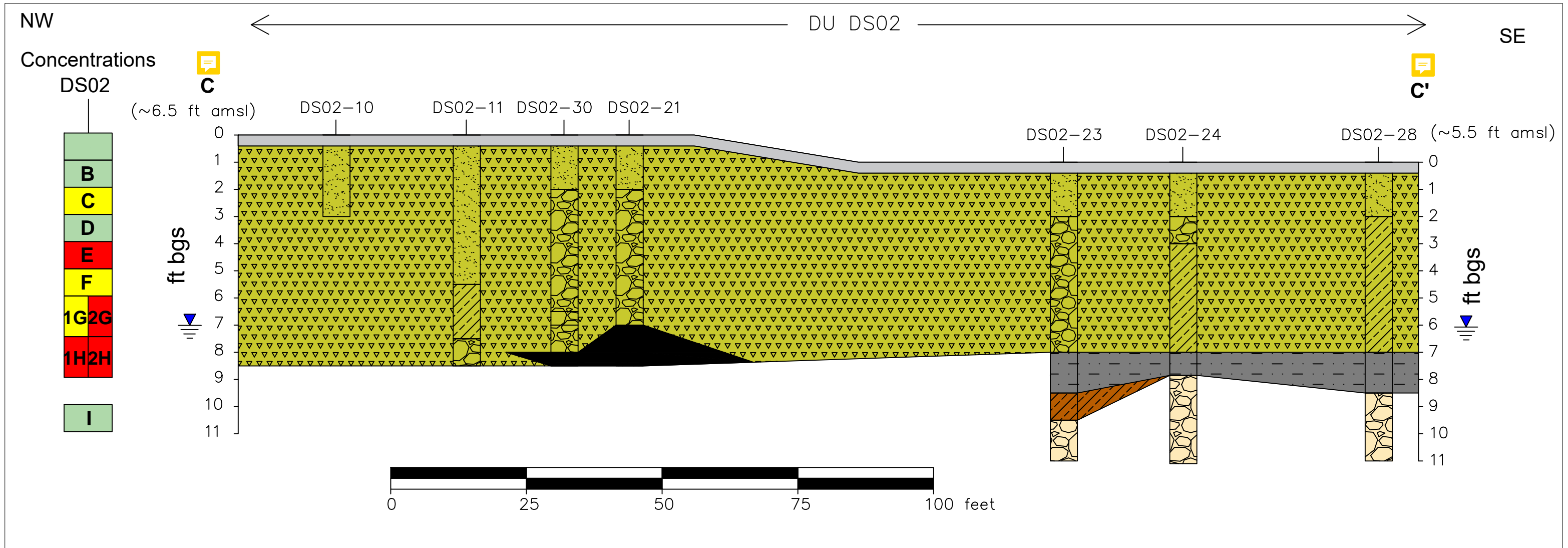
Boring with evidence of grossly impacted soil.

The letter in the box identifies the vertical decision unit layer.

HDOH unrestricted Tier 1 EALs = State of Hawaii Department of Health Environmental Action Level for unrestricted use of sites located less than 150 meters from surface water, where drinking water is threatened.

HDOH site-specific EALs = State of Hawaii Department of Health Environmental Action Level for commercial/industrial sites located less than 150 meters from surface water, where drinking water is not threatened.

FIGURE 3-2c
Cross Section C-C' (Northwest-Southeast)
Phase II Environmental Site Assessment at Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



LEGEND

- SURFACE PAVING – Concrete or asphalt.
- MIXED FILL SOIL
 - Sandy silt with gravel.
 - Gravelly sand with silt.
- NATIVE SOIL
 - Silty clay.
 - Sandy silt.
 - Sandy gravel.
 - Medium sand with evidence of gross contamination (odor, staining, elevated PID, or LNAPL). Surge rock at bottom.
 - Black volcanic cinder.
 - Coralline sand and gravel.

Approx. groundwater level (ft bgs), tidally influenced.

Notes:

DU = decision unit
 ft amsl = feet above mean sea level
 ft bgs = feet below ground surface
 LNAPL = light non aqueous phase liquid
 PID = photoionization detector

- Approximate extent of grossly impacted soil (see key map – additional details in Section 4.1.3 of the text).
- Boring with no evidence of grossly impacted soil.
- Boring with evidence of grossly impacted soil.

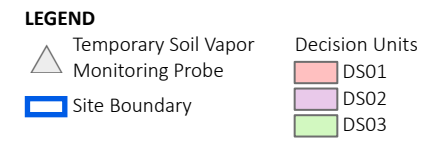
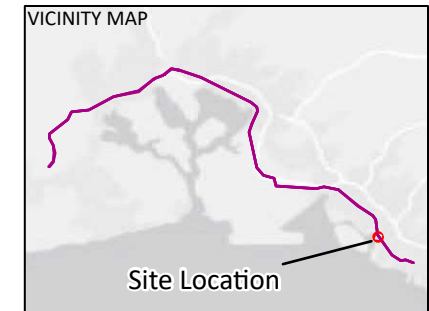
- Concentrations below the HDOH unrestricted Tier 1 EALs.
- Concentrations above the HDOH unrestricted Tier 1 EALs, but below the HDOH site-specific EALs.
- Concentrations above the HDOH site-specific EALs.

The letter in the box identifies the vertical decision unit layer.
 HDOH unrestricted Tier 1 EALs = State of Hawaii Department of Health Environmental Action Level for unrestricted use of sites located less than 150 meters from surface water, where drinking water is threatened.
 HDOH site-specific EALs = State of Hawaii Department of Health Environmental Action Level for commercial/industrial sites located less than 150 meters from surface water, where drinking water is not threatened.

FIGURE 3-2d
Cross Section D-D' (Northwest-Southeast)
Phase II Environmental Site Assessment at Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



FIGURE 3-3
Concentrations Above EALs - Soil
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



0.45 The chemical was detected at a concentration above the HDOH unrestricted Tier 1 EAL (DWT, <150 m)

Notes:
 bgs = below ground surface
 ft = feet
 m = meters
 PCE = tetrachloroethylene
 $\mu\text{g}/\text{m}^3$ = Microgram per cubic meter

FIGURE 3-4
Concentrations Above EALs - Soil Vapor
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii

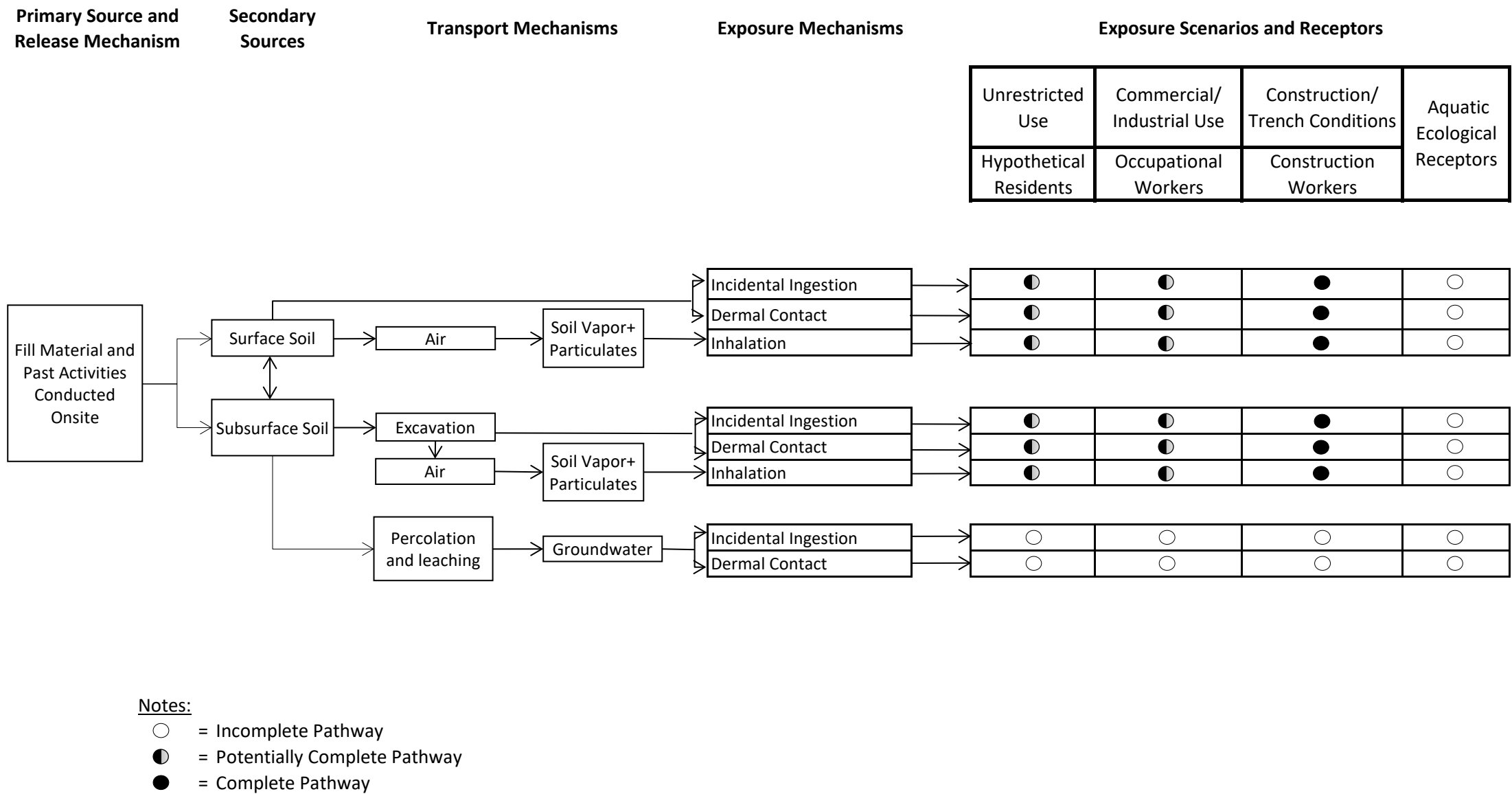
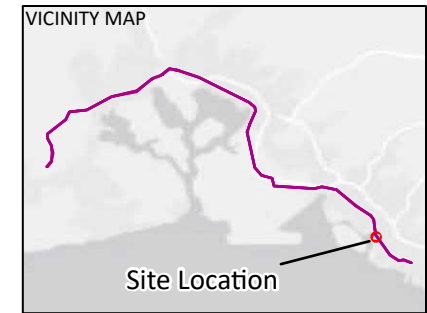
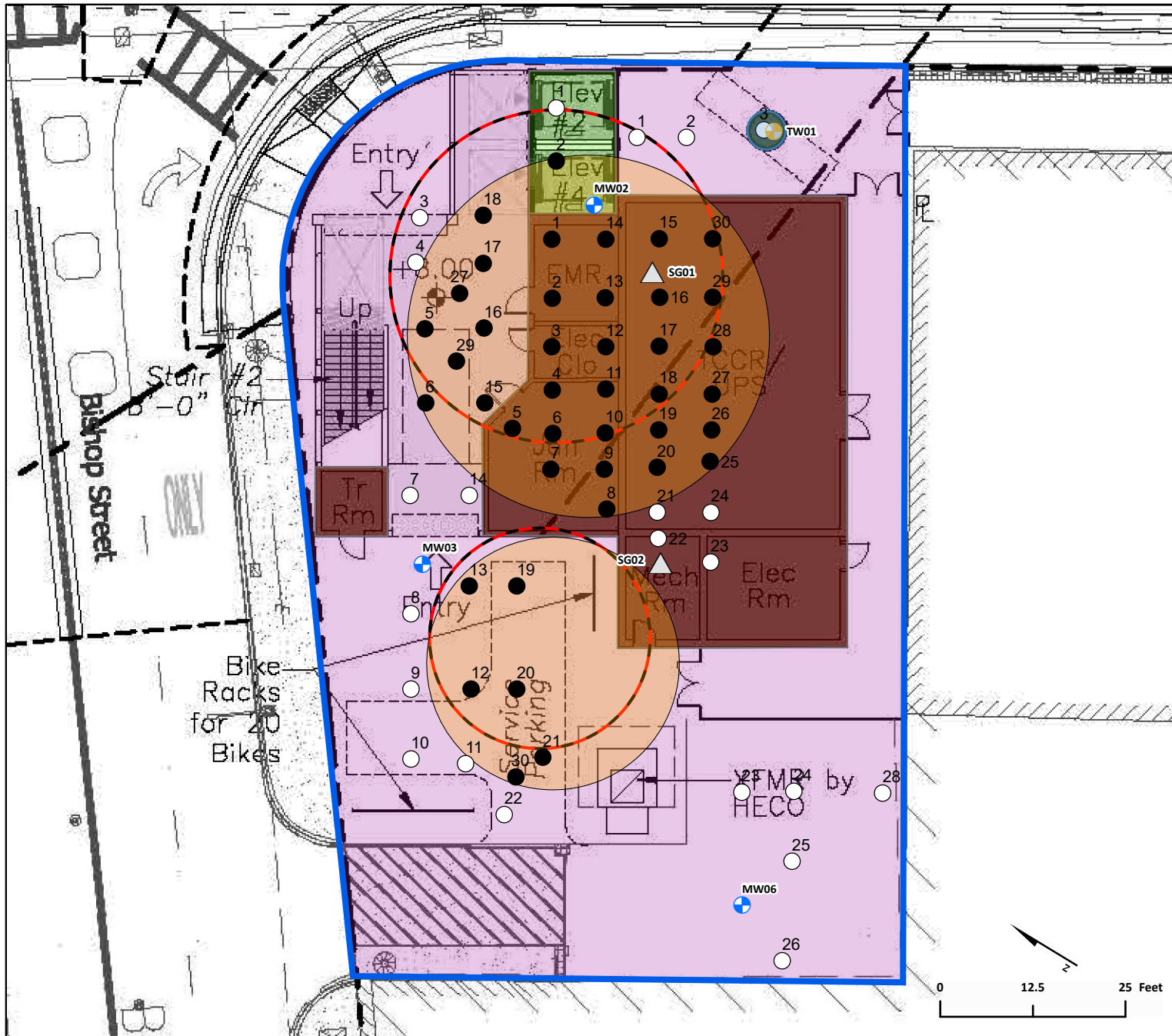


FIGURE 4-1
Conceptual Site Model
Phase II Environmental Site Assessment
Report for the Downtown Station Makai Lot
Honolulu, Oahu, Hawaii



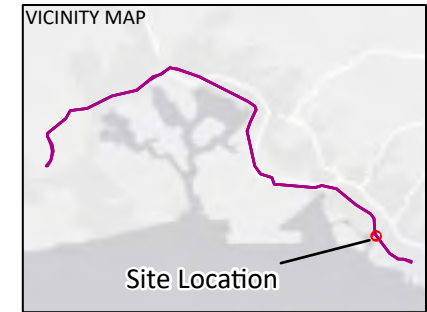
- LEGEND**
- Approximate Location Of Existing Permanent Monitoring Well
 - Approximate Location Of Temporary Monitoring Well
 - ▲ Temporary Soil Vapor Monitoring Probe
 - Site Boundary
- Decision Units**
- DS01
 - DS02
 - DS03
- Boring Location With Evidence Of Grossly Impacted Soil
 - Boring With No Evidence Of Grossly Impacted Soil
 - Approximate Location Of Grossly Impacted Soil
 - Approximate Footprint Of Former Fuel Aboveground Storage Tank (Estimated Based On Historical Aerial Photos)

Notes:
 Grossly impacted soil is defined as soil showing field evidence of LNAPL, staining, strong odor, or PID VOC readings above 10 ppm. Approximate extent of grossly impacted soil is estimated based on field evidence and historical site knowledge (see Sections 3 and 4 of the text for more details).

DU = decision unit
 LNAPL = light non aqueous phase liquid
 MIS = multi increment sampling
 PID = photo-ionization detector
 ppm = parts per million
 VOC = volatile organic compound

FIGURE 4-2
Approximate Grossly-Impacted Soil Area

Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii



LEGEND

- Site Boundary
- Decision Units
- DS01
- DS-02
- DS03

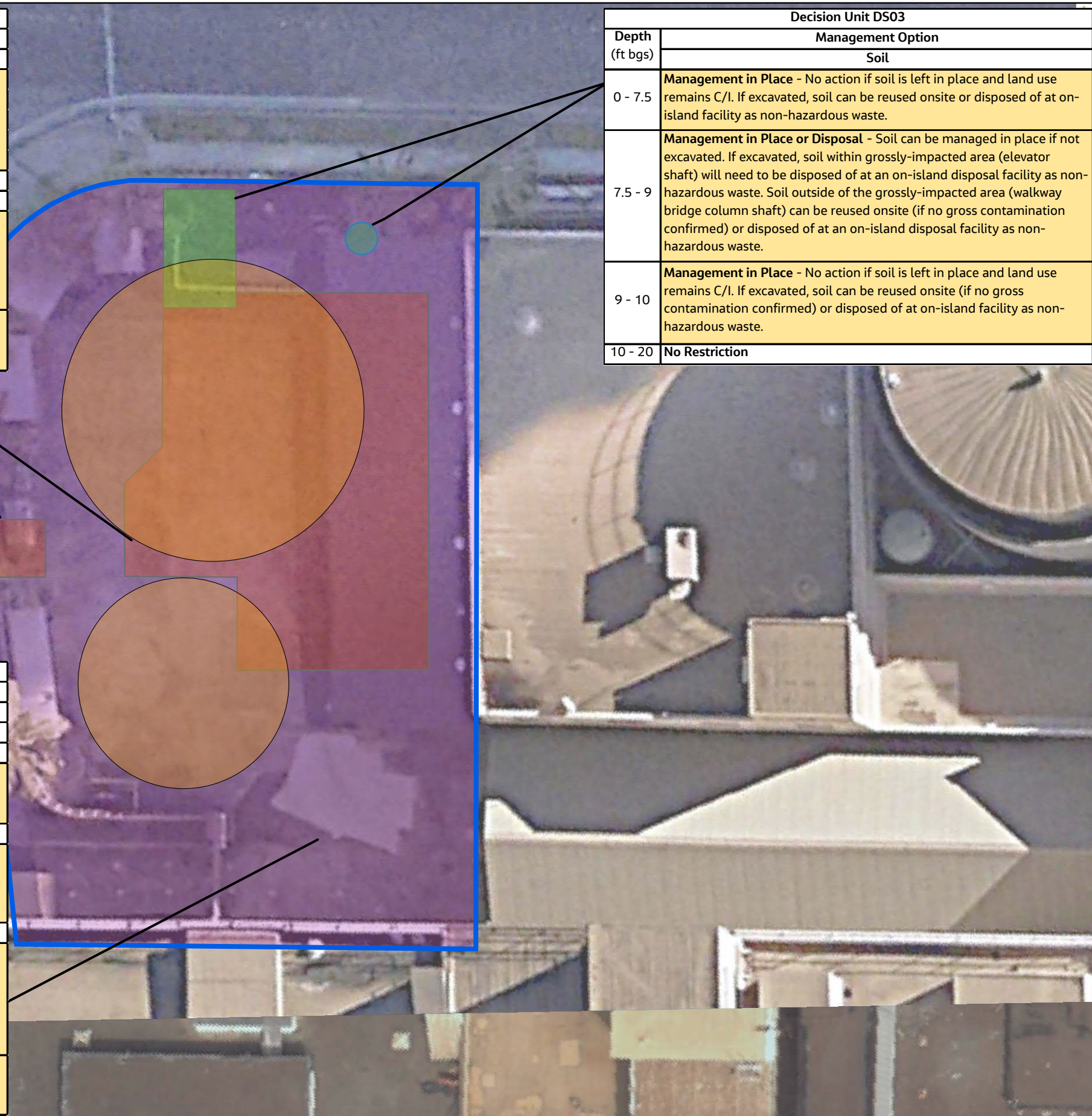
DE Hazard identified under the specific land use scenario

Notes:
 Boring/increment locations where grossly-contaminated soil was observed were segregated from those that showed no field evidence of gross contamination. Because of that, sample intervals 7.5-9 ft bgs in DU DS-01, 6-7.5 and 7.5-9 ft bgs in DU DS-02, and 10-20 and 8-9.5 ft bgs in DU DS-03 were composed from a number of increment locations lower than 30. In addition, an attempt was made in the field to collect a sample in the native coralline sand and gravel beneath the grossly-contaminated soil, but drilling hit refusal at several locations. Therefore the native coralline sand and gravel sample was collected from a limited number of increment locations.

bgs = below ground surface
 C/I = commercial/industrial
 CW = construction workers
 DE = direct exposure (human exposure)
 DU = decision unit
 ft = feet
 GC = gross contamination
 VI = vapor intrusion to indoor air

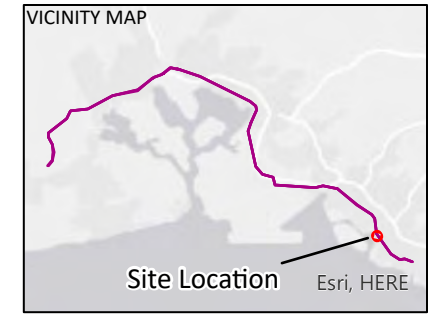
FIGURE 4-3
Environmental Hazard Evaluation - Soil
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii

Decision Unit DS01	
Depth (ft bgs)	Management Option
Soil	
0 - 1	Management in Place - No action if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite or disposed of at on-island facility as non-hazardous waste.
1 - 2	
2 - 3	
3 - 4	
4 - 5	No Restriction
5 - 6	
6 - 7.5	Management in Place or Disposal - Soil can be managed in place if not excavated. If excavated, soil within grossly-impacted area will need to be disposed of at an on-island disposal facility as non-hazardous waste. Soil outside of the grossly-impacted area will need to be sampled or disposed of at an on-island disposal facility as non-hazardous waste.
7.5 - 9	
10 - 11	
10 - 11	Management in Place - No action if soil is left in place. If excavated, soil can be reused onsite. Additional sampling necessary if soil is reused offsite.



Decision Unit DS03	
Depth (ft bgs)	Management Option
Soil	
0 - 7.5	Management in Place - No action if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite or disposed of at on-island facility as non-hazardous waste.
7.5 - 9	Management in Place or Disposal - Soil can be managed in place if not excavated. If excavated, soil within grossly-impacted area (elevator shaft) will need to be disposed of at an on-island disposal facility as non-hazardous waste. Soil outside of the grossly-impacted area (walkway bridge column shaft) can be reused onsite (if no gross contamination confirmed) or disposed of at an on-island disposal facility as non-hazardous waste.
9 - 10	Management in Place - No action if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite (if no gross contamination confirmed) or disposed of at on-island facility as non-hazardous waste.
10 - 20	No Restriction

Decision Unit DS02	
Depth (ft bgs)	Management Option
Soil	
0 - 1	No Restriction
1 - 2	No Restriction
2 - 3	Management in Place - No action if soil is left in place and land use remains C/I. If excavated, soil can be reused onsite or disposed of at on-island facility as non-hazardous waste.
3 - 4	No Restriction
4 - 5	Management in Place - No action if soil is left in place and land use remains C/I. If excavated, soil can be reinterred (if no gross contamination is confirmed and meets structural fill requirements) or will be disposed of at on-island facility as non-hazardous waste.
5 - 6	No Restriction
6 - 7.5	Management in Place or Disposal - Soil can be managed in place if not excavated. If excavated, soil within grossly-impacted area will need to be disposed of at an on-island disposal facility as non-hazardous waste. Soil outside of the grossly-impacted area can be reused onsite (if no gross contamination confirmed) or disposed of at an on-island disposal facility as non-hazardous waste.
7.5 - 9	Management in Place - No action if soil is left in place. If excavated, soil can be reused onsite. Additional sampling necessary if soil reused offsite.
10 - 11	



LEGEND

- Site Boundary (blue line)
- Decision Units
 - DS01 (red)
 - DS-02 (purple)
 - DS03 (green)
- Approximate Location of Grossly-Impacted Soil (brown circles)
- Soil and/or soil gas management needed (yellow background)

Notes:
 Under a hypothetical residential scenario, soil from vertical DU layers where a hazard is identified under the unrestricted land use scenario (see Figure 4-3) would need to be removed and either reused within the corridor or disposed of at on-island disposal facility as non-hazardous waste

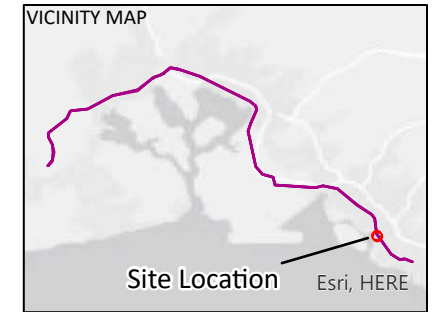
bgs = below ground surface
 C/I = commercial/industrial
 cyd = cubic yards
 DU = decision unit
 ft = feet

FIGURE 5-1
Environmental Hazard Management Areas - Soil
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii

Decision Unit DS01	
Depth (ft bgs)	Management Option
Soil Gas	
0 - 1	Management in Place - No action if soil is left in place and land use remains C/I. If land use changed to residential, a vapor barrier would be needed or soil would need to be removed to address vapor intrusion concerns. Under current scenario (C/I) if soil is removed it can be reused onsite or disposed of at on-island facility as non-hazardous waste.
1 - 2	
2 - 3	
3 - 4	
4 - 5	
5 - 6	No Restriction
6 - 7.5	No Restriction
7.5 - 9	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)
10 - 11	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)

Decision Unit DS03	
Depth (ft bgs)	Management Option
Soil Gas	
0 - 7.5	Management in Place - No action if soil is left in place, land use remains C/I, and station design does not change (that is, no enclosed structure built within the DU). If land use changed to residential or station design changed, samples would need to be collected to evaluate soil gas concentrations or a vapor barrier would be needed to address potential vapor intrusion concerns.
7.5 - 9	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)
9 - 10	No Restriction
10 - 20	No Restriction

Decision Unit DS02	
Depth (ft bgs)	Management Option
Soil Gas	
0 - 1	Management in Place - No action if soil is left in place, land use remains C/I, and station design does not change (that is, no enclosed structure built within the DU). If land use changed to residential or station design changed, samples would need to be collected to evaluate soil gas concentrations or a vapor barrier would be needed to address potential vapor intrusion concerns.
1 - 2	
2 - 3	
3 - 4	
4 - 5	
5 - 6	No Restriction
6 - 7.5	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)
7.5 - 9	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)
10 - 11	No Action for Soil Vapor (Actions for Soil specified in Figure 5-1)



- LEGEND**
- Site Boundary
 - Decision Units
 - DS01
 - DS-02
 - DS03
 - Approximate Location of Grossly-Impacted Soil
 - Soil Vapor Management Needed

Notes:
 bgs = below ground surface
 C/I = commercial/industrial
 cyd = cubic yards
 DU = decision unit
 ft = feet

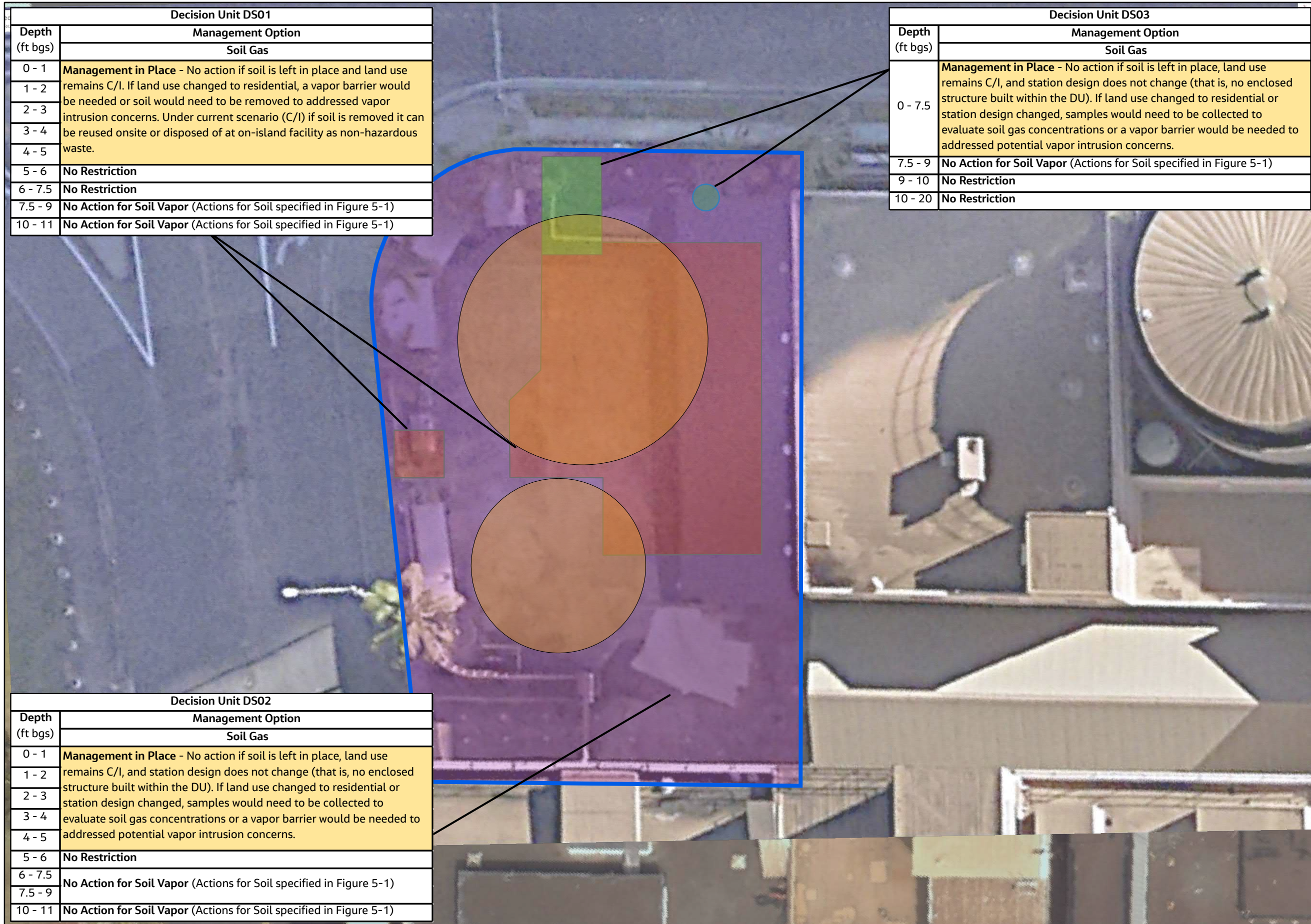


FIGURE 5-2
Environmental Hazard Management Areas - Soil Vapor
 Phase II Environmental Site Assessment
 Report for the Downtown Station Makai Lot
 Honolulu, Oahu, Hawaii

Tables

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TABLE 3-1. Sampling Summary

Phase II Environmental Site Assessment Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

Soil Sampling											
DU	Approximate DU Area ^a		Vertical DU Layer ^b		Depth Interval		Actual DU Layer	Actual DU Layer Volume	Actual Soil Sample Type	Actual # of Increments	Purpose
	Total (square feet)	Accessible (square feet)	Planned	Actual	Planned (feet bgs)	Actual (feet bgs)	Thickness (feet)	(cubic yards)			
DS01	2,617	1,617	A	A	0 - 1	0 - 1	1	97	Multi Increment	30	- Evaluate presence/absence of contamination above EALs - Evaluate nature and extent of contamination - Assess risk to potential receptors - Evaluate soil management options
			B	B	1 - 2	1 - 2	1	97	Multi Increment	30	
			C	C	2 - 3	2 - 3	1	97	Multi Increment	30	
			D	D	3 - 4	3 - 4	1	97	Multi Increment	30	
			E	E	4 - 5	4 - 5	1	97	Multi Increment	30	
			NP	F	NA	5 - 6	1	97	Multi Increment	30	
			NP	G	NA	6 - 7.5	1.5	145	Multi Increment	30	
			NP	H	NA	7.5 - 9	1.5	145	Multi Increment	30	
			NP	I	NA	10 - 11	1	97	Discrete	NA	
DS02	6,915	4,795	A	A	0 - 1	0 - 1	1	256	Multi Increment	30	
			B	B	1 - 2	1 - 2	1	256	Multi Increment	30	
			C	C	2 - 3	2 - 3	1	256	Multi Increment	30	
			D	D	3 - 4	3 - 4	1	256	Multi Increment	30	
			E	E	4 - 5	4 - 5	1	256	Multi Increment	30	
			NP	F	NA	5 - 6	1	256	Multi Increment	30	
			NP	1G	NA	6 - 7.5	1.5	384	Multi Increment	27	
			NP	2G	NA	6 - 7.5	1.5	384	Multi Increment	3	
			NP	1H	NA	7.5 - 9	1.5	384	Multi Increment	14	
			NP	2H	NA	7.5 - 9	1.5	384	Multi Increment	16	
DS03	246	246	A	A	0 - 6	0 - 6	10	91	Multi Increment	30	
			B	B	6 - 20	6 - 20	10	91	Multi Increment	30	
			NP	2H	NA	10 - 11	1	9	Discrete	NA	
Groundwater Sampling											
DU	Monitoring Well	Diameter (inches)	Approximate Depth (feet bgs)	Screen Interval ^c (feet bgs)		Purpose					
				Dry	Saturated						
DS01	MW-02	2.0	10.0	5.0 - 10.0	7.4 - 10.0	- Evaluate presence/absence of contamination above EALs - Assess risk to potential receptors - Evaluate groundwater management options					
DS02	MW-03	2.0	13.0	3.0 - 13.5	6.8 - 13.5						
DS02	MW-06	2.0	12.5	2.0 - 12.5	5.8 - 12.5						
DS03	TW01	1.5	14.6	4.5 - 14.5	6.9 - 14.5						
Soil Gas Sampling											
DU	Soil Gas Monitoring Point	Approximate Depth (feet bgs)	Approximate Screen Interval (feet bgs)	Purpose							
DS01	DS-SG01	4.5	3.5 - 4.5	- Evaluate presence/absence of contamination above EALs							
DS01	DS-SG02	4.5	3.5 - 4.5	- Evaluate potential vapor intrusion pathways within footprint of future station - Assess risk to potential receptors							

TABLE 3-1. Sampling Summary

Phase II Environmental Site Assessment Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

Notes:

bgs = below ground surface

DU = decision unit

EAL = environmental action level

NA = not applicable

NP = not planned

^a The DU planned area includes the portions of the site that could not be sampled because of the presence of aboveground (for example, the machine shop and storage sheds) and underground (for example, water tanks) structures (approximately 38 percent in DU DS-01 and 30 percent in DU DS-02).

^b Additional vertical DU layers were added during the implementation of fieldwork to evaluate fill material and grossly-impacted soil observed below the water table in some portion of the site. To avoid biasing sample results and delineate grossly-impacted soil, soil increments from boreholes showing no evidence of gross contamination (layers 1G and 1H) were segregated from those with grossly impacted soil (layers 2G and 2H). Therefore, some multi increment sampling soil samples were composed from a limited number of locations and two discrete samples were collected in DUs DS-01 (I interval) and

DS-03 (grossly impacted interval H).

^c The two screen intervals provided represent the actual "dry" screen depth of the well and the saturated screen interval, which is measured from the water table (as measured at the time of sampling) and the bottom of the well. Groundwater at the site is tidally influenced.

TABLE 3-2. Soil Analytical Summary

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii



Location	Sample ID	QA/QC Type	Sample Depth (feet bgs)	Sample Date	Method Group									
					Moisture D2216	Metals SW6010B	Mercury SW7471A	TPHs SW8015B	Pesticides SW8081A	PCBs SW8082	VOCs SW8260B	SVOCs SW8270D	PAHs SW8270-SIM	
DS01-S001A	DS01-S001A-0820	N	0 - 1	17-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001B	DS01-S001B-0820	N	1 - 2	17-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001C	DS01-S001C-0820	N	2 - 3	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001D	DS01-S001D-0820	N	3 - 4	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001E	DS01-S001E-0820	N	4 - 5	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001F	DS01-S001F-0820	N	5 - 6	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S101F	DS01-S101F-0820	D	5 - 6	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S201F	DS01-S201F-0820	T	5 - 6	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001G	DS01-S001G-0820	N	6 - 7.5	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S001I	DS01-S001I-0820	N	7.5 - 9	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS01-S002H	DS01-S002H-0820	N	10 - 11	21-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001A	DS02-S001A-0820	N	0 - 1	17-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001B	DS02-S001B-0820	N	1 - 2	17-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001C	DS02-S001C-0820	N	2 - 3	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001D	DS02-S001D-0820	N	3 - 4	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001E	DS02-S001E-0820	N	4 - 5	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001E	DS02-S101E-0820	D	4 - 5	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001E	DS02-S201E-0820	T	4 - 5	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001F	DS02-S001F-0820	N	5 - 6	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001G	DS02-S001G-0820	N	6 - 7.5	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S002G	DS02-S002G-0820	N	6 - 7.5	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S002H	DS02-S002H-0820	N	7.5 - 9	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001H	DS02-S001H-0820	N	7.5 - 9	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DS02-S001I	DS02-S001I-0820	N	10 - 11	20-Aug-20	X	X	X	X	X	X	X	X	X	X
DSCOL-S001A	DSCOL-S001A-0820	N	0 - 10	19-Aug-20	X	X	X	X	X	X	X	X	X	X
DSCOL-S001B	DSCOL-S001B-0820	N	10 - 20	19-Aug-20	X	X	X	X	X	X	X	X	X	X
DS03-S002H	DS03-S002H-0820	N	8 - 9.5	20-Aug-20	X	X	X	X	X	X	X	X	X	X

Notes:

- bgs = below ground surface
- D = duplicate
- DU = decision unit
- ID = identification
- N = normal (that is, normal sample, not a QA/QC sample)
- PAHs = polynuclear aromatic hydrocarbons
- PCBs = polychlorinated biphenyls
- QA/QC = quality assurance/quality control
- SVOCs = semi-volatile organic compounds
- T = triplicate
- TCLP = toxicity characteristic leaching procedure
- TPHs = total petroleum hydrocarbons
- VOCs = volatile organic compounds

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer				DS01-S001A	DS01-S001B	DS01-S001C	DS01-S001D	DS01-S001E
		Sample ID				DS01-S001A-0820	DS01-S001B-0820	DS01-S001C-0820	DS01-S001D-0820	DS01-S001E-0820
		Sample Depth				0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs
		Sample Date				17-Aug-20	17-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL		10.3	10.1	11.5	13.2	14.6
			(DWT_SW<150m)	(DWNT, SW<150m)						
D2216	MOISTURE, PERCENT	%	--	--	--					
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	--	0.018	0.0072 U	0.0072 U	0.0075 U	0.0073 U
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	--	1.2	0.0078 U	0.0078 U	0.0081 U	0.0079 U
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	--	0.0014	0.0056 U	0.0056 U	0.0058 U	0.0056 U
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	--	0.0089	0.011 U	0.011 U	0.012 U	0.011 U
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	--	0.11	0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14	1.2	0.017 U	0.017 U	0.017 U	0.017 U
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	--		0.011 U	0.011 U	0.012 U	0.011 U
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	--		0.016 U	0.016 U	0.017 U	0.016 U
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	--	0.005	0.022 U	0.022 U	0.022 U	0.022 U
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.18	0.012 U	0.012 U	0.012 U	0.012 U
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	--		0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	--	0.00080615	0.042 U	0.042 U	0.044 U	0.043 U
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	--	0.00042	0.011 U	0.011 U	0.012 U	0.011 U
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.75	0.0095 U	0.0095 U	0.0098 U	0.0096 U
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10	0.023	0.0078 U	0.0078 U	0.0081 U	0.0079 U
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	--	0.14	0.0095 U	0.0095 U	0.0098 U	0.0096 U
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	--		0.0067 U	0.0067 U	0.0069 U	0.0068 U
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.57	0.0061 U	0.0061 U	0.0063 U	0.0062 U
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	--		0.0095 U	0.0095 U	0.0098 U	0.0096 U
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.055	0.011 U	0.011 U	0.011 U	0.011 U
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	--		0.0095 U	0.0095 U	0.0098 U	0.0096 U
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	--		0.012 U	0.012 U	0.013 U	0.012 U
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	--		0.0078 U	0.0078 U	0.0081 U	0.0079 U
SW8260B	2-HEXANONE	mg/kg	--	--	--		0.05 U	0.05 U	0.052 U	0.051 U
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	--		0.0072 U	0.0072 U	0.0075 U	0.0073 U
SW8260B	ACETONE	mg/kg	1.0	1.0	--	1	0.14 U	0.14 U	0.14 U	0.14 U
SW8260B	BENZENE	mg/kg	0.30	4.3	10	0.3	0.0089 U	0.0089 U	0.0092 U	0.009 U
SW8260B	BROMOBENZENE	mg/kg	--	--	--		0.0089 U	0.0089 U	0.0092 U	0.009 U
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	--		0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	--	0.0025	0.0078 U	0.0078 U	0.0081 U	0.0079 U
SW8260B	BROMOFORM	mg/kg	0.69	2.0	--	0.69	0.0078 U	0.0078 U	0.0081 U	0.0079 U
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	--	0.22	0.013 U	0.013 U	0.014 U	0.014 U
SW8260B	CARBON DISULFIDE	mg/kg	--	--	--		0.011 U	0.011 U	0.012 U	0.011 U
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10	0.1	0.0056 U	0.0056 U	0.0058 U	0.0056 U
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000	1.4517275	0.012 U	0.012 U	0.012 U	0.012 U
SW8260B	CHLOROETHANE	mg/kg	1.2	12	--	1.2	0.012 U	0.012 U	0.012 U	0.012 U
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120	0.026	0.0039 U	0.0039 U	0.004 U	0.004 U
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	--	4	0.017 U	0.017 U	0.018 U	0.018 U
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	--	0.36	0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	--		0.01 U	0.01 U	0.01 U	0.01 U
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	--	0.0094	0.011 U	0.011 U	0.011 U	0.011 U
SW8260B	DIBROMOMETHANE	mg/kg	--	--	--		0.011 U	0.011 U	0.012 U	0.011 U
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	--		0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	--	0.89854167	0.013 U	0.013 U	0.013 U	0.013 U
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.041	0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	--		0.0084 U	0.0083 U	0.0086 U	0.0085 U
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	--		0.011 U	0.011 U	0.011 U	0.011 U
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000	6.2	0.033 U	0.033 U	0.035 U	0.034 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001F	DS01-S001F	DS01-S001F	DS01-S001G	DS01-S001H		
		Sample ID	DS01-S001F-0820	DS01-S101F-0820	DS01-S201F-0820	DS01-S001G-0820	DS01-S002H-0820			
		Sample Depth	5-6 ft bgs	5-6 ft bgs	5-6 ft bgs	6-7.5 ft bgs	7.5-9 ft bgs			
		Sample Date	21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20			
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL		15.4	15.3	15.4	19.6	13.6
			(DWT_SW<150m)	(DWNT, SW<150m)						
D2216	MOISTURE, PERCENT	%	--	--	--	15.4	15.3	15.4	19.6	13.6
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	--	0.0069 U	0.0068 U	0.0068 U	0.0079 U	0.009 U
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	--	0.0074 U	0.0073 U	0.0073 U	0.0085 U	0.0097 U
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	--	0.0053 U	0.0052 U	0.0052 U	0.0061 U	0.0069 U
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	--	0.011 U	0.01 U	0.01 U	0.012 U	0.014 U
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14	0.016 U	0.016 U	0.016 U	0.018 U	0.021 U
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	--	0.011 U	0.01 U	0.01 U	0.012 U	0.014 U
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	--	0.015 U	0.015 U	0.015 U	0.018 U	0.02 U
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	--	0.021 U	0.02 U	0.02 U	0.024 U	0.027 U
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.011 U	0.011 U	0.011 U	0.013 U	0.015 U
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	--	0.04 U	0.039 U	0.04 U	0.046 U	0.053 U
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	--	0.011 U	0.01 U	0.01 U	0.012 U	0.014 U
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.009 U	0.0088 U	0.0088 U	0.01 U	0.012 U
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10	0.0074 U	0.0073 U	0.0073 U	0.0085 U	0.0097 U
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	--	0.009 U	0.0088 U	0.0088 U	0.01 U	0.012 U
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	--	0.0064 U	0.0062 U	0.0062 U	0.0073 U	0.014
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.0059 U	0.0057 U	0.0057 U	0.0067 U	0.0076 U
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	--	0.009 U	0.0088 U	0.0088 U	0.01 U	0.012 U
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.01 U	0.0099 U	0.0099 U	0.012 U	0.013 U
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	--	0.009 U	0.0088 U	0.0088 U	0.01 U	0.012 U
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	--	0.012 U	0.011 U	0.011 U	0.013 U	0.015 U
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	--	0.0074 U	0.0073 U	0.0073 U	0.0085 U	0.0097 U
SW8260B	2-HEXANONE	mg/kg	--	--	--	0.048 U	0.047 U	0.047 U	0.055 U	0.063 U
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	--	0.0069 U	0.0068 U	0.0068 U	0.0079 U	0.009 U
SW8260B	ACETONE	mg/kg	1.0	1.0	--	0.13 U	0.13 U	0.13 U	0.15 U	0.17 U
SW8260B	BENZENE	mg/kg	0.30	4.3	10	0.0085 U	0.0083 U	0.0083 U	0.0098 U	0.011 U
SW8260B	BROMOBENZENE	mg/kg	--	--	--	0.0085 U	0.0083 U	0.0083 U	0.0098 U	0.011 U
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	--	0.0074 U	0.0073 U	0.0073 U	0.0085 U	0.0097 U
SW8260B	BROMOFORM	mg/kg	0.69	2.0	--	0.0074 U	0.0073 U	0.0073 U	0.0085 U	0.0097 U
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	--	0.013 U	0.012 U	0.012 U	0.015 U	0.017 U
SW8260B	CARBON DISULFIDE	mg/kg	--	--	--	0.011 U	0.01 U	0.01 U	0.012 U	0.014 U
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10	0.0053 U	0.0052 U	0.0052 U	0.0061 U	0.0069 U
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000	0.011 U	0.011 U	0.011 U	0.013 U	0.015 U
SW8260B	CHLOROETHANE	mg/kg	1.2	12	--	0.011 U	0.011 U	0.011 U	0.013 U	0.015 U
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120	0.0037 U	0.0036 U	0.0036 U	0.0043 U	0.0049 U
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	--	0.016 U	0.016 U	0.016 U	0.019 U	0.022 U
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.0096 U	0.0094 U	0.0094 U	0.011 U	0.013 U
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	--	0.01 U	0.0099 U	0.0099 U	0.012 U	0.013 U
SW8260B	DIBROMOMETHANE	mg/kg	--	--	--	0.011 U	0.01 U	0.01 U	0.012 U	0.014 U
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	--	0.012 U	0.012 U	0.012 U	0.014 U	0.016
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	--	0.01 U	0.0099 U	0.0099 U	0.012 U	0.014
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000	0.032 U	0.031 U	0.031 U	0.037 U	0.042 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001I	DS02-S001A	DS02-S001B	DS02-S001C	DS02-S001D	DS02-S001E		
		Sample ID		DS01-S001I-0820	DS02-S001A-0820	DS02-S001B-0820	DS02-S001C-0820	DS02-S001D-0820	DS02-S001E-0820		
		Sample Depth		10-11 ft bgs	0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs		
		Sample Date		21-Aug-20	17-Aug-20	17-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL	EAL		27.2	9.8	9.5	14.8	33.8	17.5
			(DWT_SW<150m)	(DWNT, SW<150m)							
D2216	MOISTURE, PERCENT	%	--	--	--	27.2	9.8	9.5	14.8	33.8	17.5
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	--	0.0089 U	0.0075 U	0.0075 U	0.0076 U	0.0098 U	0.0079
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	--	0.0096 U	0.0081 U	0.008 U	0.0082 U	0.011 U	0.0085
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	--	0.0069 U	0.0058 U	0.0057 U	0.0059 U	0.0076 U	0.0061
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	--	0.014 U	0.012 U	0.011 U	0.012 U	0.015 U	0.012
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14	0.021 U	0.017 U	0.017 U	0.018 U	0.023 U	0.018
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	--	0.014 U	0.012 U	0.011 U	0.012 U	0.015 U	0.012
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	--	0.02 U	0.017 U	0.017 U	0.017 U	0.022 U	0.018
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	--	0.027 U	0.022 U	0.022 U	0.023 U	0.029 U	0.024
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.014 U	0.012 U	0.012 U	0.012 U	0.016 U	0.013
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	--	0.052 U	0.044 U	0.044 U	0.045 U	0.057 U	0.046
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	--	0.014 U	0.012 U	0.011 U	0.012 U	0.015 U	0.012
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.012 U	0.0098 U	0.0098 U	0.01 U	0.013 U	0.01
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10	0.0096 U	0.0081 U	0.008 U	0.0082 U	0.011 U	0.0085
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	--	0.012 U	0.0098 U	0.0098 U	0.01 U	0.013 U	0.01
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	--	0.0082 U	0.0069 U	0.0069 U	0.007 U	0.0091 U	0.0073
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.0076 U	0.0063 U	0.0063 U	0.0065 U	0.0083 U	0.0067
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	--	0.012 U	0.0098 U	0.0098 U	0.01 U	0.013 U	0.01
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.013 U	0.011 U	0.011 U	0.011 U	0.014 U	0.012
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	--	--	0.0098 U	0.0098 U	0.01 U	0.013 U	0.01
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	--	0.015 U	0.013 U	0.013 U	0.013 U	0.017 U	0.013
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	--	0.0096 U	0.0081 U	0.008 U	0.0082 U	0.011 U	0.0085
SW8260B	2-HEXANONE	mg/kg	--	--	--	0.062 U	0.052 U	0.052 U	0.053 U	0.068 U	0.055
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	--	0.0089 U	0.0075 U	0.0075 U	0.0076 U	0.0098 U	0.0079
SW8260B	ACETONE	mg/kg	1.0	1.0	--	0.17 U	0.14 U	0.14 U	0.15 U	0.19 U	0.15
SW8260B	BENZENE	mg/kg	0.30	4.3	10	0.011 U	0.0092 U	0.0092 U	0.0094 U	0.012 U	0.0097
SW8260B	BROMOBENZENE	mg/kg	--	--	--	0.011 U	0.0092 U	0.0092 U	0.0094 U	0.012 U	0.0097
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	--	0.0096 U	0.0081 U	0.008 U	0.0082 U	0.011 U	0.0085
SW8260B	BROMOFORM	mg/kg	0.69	2.0	--	0.0096 U	0.0081 U	0.008 U	0.0082 U	0.011 U	0.0085
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	--	0.016 U	0.014 U	0.014 U	0.014 U	0.018 U	0.015
SW8260B	CARBON DISULFIDE	mg/kg	--	--	--	0.014 U	0.012 U	0.011 U	0.012 U	0.015 U	0.012
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10	0.0069 U	0.0058 U	0.0057 U	0.0059 U	0.0076 U	0.0061
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000	0.014 U	0.012 U	0.012 U	0.012 U	0.016 U	0.013
SW8260B	CHLOROETHANE	mg/kg	1.2	12	--	0.014 U	0.012 U	0.012 U	0.012 U	0.016 U	0.013
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120	0.0048 U	0.004 U	0.004 U	0.0041 U	0.0053 U	0.0042
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	--	0.021 U	0.018 U	0.018 U	0.018 U	0.023 U	0.019
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.012 U	0.01 U	0.01 U	0.011 U	0.014 U	0.011
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	--	0.013 U	0.011 U	0.011 U	0.011 U	0.014 U	0.012
SW8260B	DIBROMOMETHANE	mg/kg	--	--	--	0.014 U	0.012 U	0.011 U	0.012 U	0.015 U	0.012
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	--	0.016 U	0.013 U	0.013 U	0.013 U	0.017 U	0.014
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	--	0.013 U	0.011 U	0.011 U	0.011 U	0.021 J	0.012
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000	0.041 U	0.035 U	0.034 U	0.035 U	0.045 U	0.036

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer				DS02-S001E	DS02-S001E	DS02-S001F	DS02-S001G	DS02-S002G
		Sample ID				DS02-S101E-0820	DS02-S201E-0820	DS02-S001F-0820	DS02-S001G-0820	DS02-S002G-0820
		Sample Depth				4-5 ft bgs	4-5 ft bgs	5-6 ft bgs	6-7.5 ft bgs	6-7.5 ft bgs
		Sample Date				20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL		22.4	21.9	26.9	24.1	19.5
			(DWT_SW<150m)	(DWNT, SW<150m)						
D2216	MOISTURE, PERCENT	%	--	--	--	22.4	21.9	26.9	24.1	19.5
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	-- U	0.0084 U	0.0083 U	0.0089 U	0.0086 U	0.032 U
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	-- U	0.009 U	0.009 U	0.0096 U	0.0092 U	0.035 U
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	-- U	0.0064 U	0.0064 U	0.0068 U	0.0066 U	0.025 U
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	-- U	0.013 U	0.013 U	0.014 U	0.013 U	0.05 U
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14 U	0.019 U	0.019 U	0.021 U	0.02 U	0.075 U
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	-- U	0.013 U	0.013 U	0.014 U	0.013 U	0.05 U
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	-- U	0.019 U	0.019 U	0.02 U	0.019 U	0.072 U
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	-- U	0.025 U	0.025 U	0.027 U	0.026 U	0.097 U
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	-- U	0.014 U	0.013 U	0.014 U	0.014 U	0.052 U
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	-- U	0.049 U	0.049 U	0.052 U	0.05 U	0.19 U
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	-- U	0.013 U	0.013 U	0.014 U	0.013 U	0.05 U
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	-- U	0.011 U	0.011 U	0.012 U	0.011 U	0.042 U
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10 U	0.009 U	0.009 U	0.0096 U	0.0092 U	0.056 J
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	-- U	0.011 U	0.011 U	0.012 U	0.011 U	0.042 U
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	-- U	0.0077 U	0.0077 U	0.0082 U	0.0079 U	0.03 U
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	-- U	0.0071 U	0.007 U	0.0075 U	0.0072 U	0.027 U
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	-- U	0.011 U	0.011 U	0.012 U	0.011 U	0.042 U
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150 U	0.012 U	0.012 U	0.013 U	0.013 U	0.047 U
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	-- U	0.011 U	0.011 U	0.012 U	0.011 U	0.042 U
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	-- U	0.014 U	0.014 U	0.015 U	0.014 U	0.055 U
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	-- U	0.009 U	0.009 U	0.0096 U	0.0092 U	0.035 U
SW8260B	2-HEXANONE	mg/kg	--	--	-- U	0.058 U	0.058 U	0.062 U	0.059 U	0.22 U
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	-- U	0.0084 U	0.0083 U	0.0089 U	0.0086 U	0.032 U
SW8260B	ACETONE	mg/kg	1.0	1.0	-- U	0.16 U	0.16 U	0.17 U	0.16 U	2.4 J
SW8260B	BENZENE	mg/kg	0.30	4.3	10 U	0.01 U	0.01 U	0.011 U	0.011 U	0.04 U
SW8260B	BROMOBENZENE	mg/kg	--	--	-- U	0.01 U	0.01 U	0.011 U	0.011 U	0.04 U
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	-- U	0.009 U	0.009 U	0.0096 U	0.0092 U	0.035 U
SW8260B	BROMOFORM	mg/kg	0.69	2.0	-- U	0.009 U	0.009 U	0.0096 U	0.0092 U	0.035 U
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	-- U	0.015 U	0.015 U	0.016 U	0.016 U	0.06 U
SW8260B	CARBON DISULFIDE	mg/kg	--	--	-- U	0.013 U	0.013 U	0.014 U	0.014 U	0.05 U
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10 U	0.0064 U	0.0064 U	0.0068 U	0.0066 U	0.025 U
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000 U	0.014 U	0.013 U	0.014 U	0.014 U	0.052 U
SW8260B	CHLOROETHANE	mg/kg	1.2	12	-- U	0.014 U	0.013 U	0.014 U	0.014 U	0.052 U
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120 U	0.0045 U	0.0045 U	0.0048 U	0.0046 U	0.017 U
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	-- U	0.02 U	0.02 U	0.021 U	0.02 U	0.077 U
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	-- U	0.012 U	0.012 U	0.012 U	0.012 U	0.045 U
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	-- U	0.012 U	0.012 U	0.013 U	0.013 U	0.047 U
SW8260B	DIBROMOMETHANE	mg/kg	--	--	-- U	0.013 U	0.013 U	0.014 U	0.013 U	0.05 U
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	-- U	0.015 U	0.015 U	0.016 U	0.015 U	0.072 J
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10 U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.037 U
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	-- U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.046 J
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	-- U	0.012 U	0.012 U	0.013 U	0.013 U	0.047 U
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000 U	0.039 U	0.038 U	0.041 U	0.04 U	0.51 J

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001H	DS02-S002H	DS02-S001I	DS03-S001A	DS03-S001B		
		Sample ID		DS02-S001-0820	DS02-S002H-0820	DS02-S001I-0820	DSCOL-S001A-0820	DSCOL-S001B-0820		
		Sample Depth		7.5-9 ft bgs	7.5-9 ft bgs	10-11 ft bgs	0-10 ft bgs	10-20 ft bgs		
		Sample Date		20-Aug-20	20-Aug-20	20-Aug-20	19-Aug-20	19-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL		26.5	21.4	33.3	10.5	21.2
			(DWT_SW<150m)	(DWNT, SW<150m)						
D2216	MOISTURE, PERCENT	%	--	--	--	26.5	21.4	33.3	10.5	21.2
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	--	0.0088 U	0.041 U	0.0097 U	0.0073 U	0.0082 U
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	--	0.0095 U	0.045 U	0.01 U	0.0078 U	0.0089 U
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	--	0.0068 U	0.032 U	0.0075 U	0.0056 U	0.0063 U
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	--	0.014 U	0.064 U	0.015 U	0.011 U	0.013 U
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14	0.02 U	0.095 U	0.022 U	0.017 U	0.019 U
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	--	0.014 U	0.064 U	0.015 U	0.011 U	0.013 U
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	--	0.02 U	0.092 U	0.022 U	0.016 U	0.018 U
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	--	0.027 U	0.12 U	0.029 U	0.022 U	0.025 U
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.014 U	0.067 U	0.016 U	0.012 U	0.013 U
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	--	0.052 U	0.24 U	0.057 U	0.042 UJ	0.048 UJ
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	--	0.014 U	0.064 U	0.015 U	0.011 U	0.013 U
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.012 U	0.054 U	0.013 U	0.0095 U	0.011 U
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10	0.0095 U	0.045 U	0.01 U	0.0078 U	0.0089 U
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	--	0.012 U	0.054 U	0.013 U	0.0095 U	0.011 U
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	--	0.0082 U	0.038 U	0.009 U	0.0067 U	0.0076 U
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.0075 U	0.035 U	0.0082 U	0.0061 U	0.007 U
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	--	0.012 U	0.054 U	0.013 U	0.0095 U	0.011 U
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.013 U	0.06 U	0.014 U	0.011 U	0.012 U
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	--	0.012 U	0.054 U	0.013 U	0.0095 U	0.011 U
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	--	0.015 U	0.07 U	0.016 U	0.012 U	0.014 U
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	--	0.0095 U	0.045 U	0.01 U	0.0078 U	0.0089 U
SW8260B	2-HEXANONE	mg/kg	--	--	--	0.061 U	0.29 U	0.067 U	0.05 U	0.057 U
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	--	0.0088 U	0.041 U	0.0097 U	0.0073 U	0.0082 U
SW8260B	ACETONE	mg/kg	1.0	1.0	--	0.17 U	1.4 J	0.98	0.14 U	0.16 U
SW8260B	BENZENE	mg/kg	0.30	4.3	10	0.011 U	0.051 U	0.012 U	0.0089 U	0.01 U
SW8260B	BROMOBENZENE	mg/kg	--	--	--	0.011 U	0.051 U	0.012 U	0.0089 U	0.01 U
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	--	0.0095 U	0.045 U	0.01 U	0.0078 U	0.0089 U
SW8260B	BROMOFORM	mg/kg	0.69	2.0	--	0.0095 U	0.045 U	0.01 U	0.0078 U	0.0089 U
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	--	0.016 U	0.076 UJ	0.018 U	0.013 U	0.015 U
SW8260B	CARBON DISULFIDE	mg/kg	--	--	--	0.014 U	0.064 U	0.015 U	0.011 U	0.013 U
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10	0.0068 U	0.032 U	0.0075 U	0.0056 U	0.0063 U
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000	0.014 U	0.067 U	0.016 U	0.012 U	0.013 U
SW8260B	CHLOROETHANE	mg/kg	1.2	12	--	0.014 U	0.067 U	0.016 U	0.012 U	0.013 U
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120	0.0048 U	0.022 U	0.0052 U	0.0039 U	0.0044 U
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	--	0.021 U	0.099 U	0.023 U	0.017 U	0.02 U
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.012 U	0.057 U	0.013 U	0.01 U	0.011 U
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	--	0.013 U	0.06 U	0.014 U	0.011 U	0.012 U
SW8260B	DIBROMOMETHANE	mg/kg	--	--	--	0.014 U	0.064 U	0.015 U	0.011 U	0.013 U
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	--	0.016 U	0.073 U	0.017 U	0.013 U	0.015 U
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	--	0.013 U	0.06 U	0.014 U	0.011 U	0.012 U
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000	0.041 U	0.28 J	0.045 U	0.034 U	0.038 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS 03-S002H		
		Sample ID DS03-S002-0820				
		Sample Depth 8-9.5 ft bgs				
		Sample Date 20-Aug-20				
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit	
			Tier 1 EAL	EAL		
			(DWT_SW<150m)	(DWNT, SW<150m)		
D2216	MOISTURE, PERCENT	%	--	--	--	8.6
SW8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	0.018	0.32	--	0.0071 U
SW8260B	1,1,1-TRICHLOROETHANE	mg/kg	1.2	1.2	--	0.0077 U
SW8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.0014	0.075	--	0.0055 U
SW8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.0089	0.062	--	0.011 U
SW8260B	1,1-DICHLOROETHANE	mg/kg	0.11	1.9	--	0.0082 U
SW8260B	1,1-DICHLOROETHENE	mg/kg	1.2	4.2	14	0.016 U
SW8260B	1,1-DICHLOROPROPENE	mg/kg	--	--	--	0.011 U
SW8260B	1,2,3-TRICHLOROBENZENE	mg/kg	--	--	--	0.016 U
SW8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.0050	0.095	--	0.021 U
SW8260B	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.011 U
SW8260B	1,2,4-TRIMETHYLBENZENE	mg/kg	--	--	--	1.1
SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.00081	8.06E-04	--	0.042 U
SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/kg	0.00042	0.0073	--	0.011 U
SW8260B	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.0093 U
SW8260B	1,2-DICHLOROETHANE	mg/kg	0.023	0.17	10	0.0077 U
SW8260B	1,2-DICHLOROPROPANE	mg/kg	0.14	1.2	--	0.0093 U
SW8260B	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/kg	--	--	--	0.45
SW8260B	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.006 U
SW8260B	1,3-DICHLOROPROPANE	mg/kg	--	--	--	0.0093 U
SW8260B	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.01 U
SW8260B	1-CHLOROHEXANE	mg/kg	--	--	--	--
SW8260B	2,2-DICHLOROPROPANE	mg/kg	--	--	--	0.012 U
SW8260B	2-CHLOROTOLUENE	mg/kg	--	--	--	0.0077 U
SW8260B	2-HEXANONE	mg/kg	--	--	--	0.049 U
SW8260B	4-CHLOROTOLUENE	mg/kg	--	--	--	0.0071 U
SW8260B	ACETONE	mg/kg	1.0	1.0	--	0.14 U
SW8260B	BENZENE	mg/kg	0.30	4.3	10	0.0088 U
SW8260B	BROMOBENZENE	mg/kg	--	--	--	0.0088 U
SW8260B	BROMOCHLOROMETHANE	mg/kg	--	--	--	0.0082 U
SW8260B	BROMODICHLOROMETHANE	mg/kg	0.0025	0.12	--	0.0077 U
SW8260B	BROMOFORM	mg/kg	0.69	2.0	--	0.0077 U
SW8260B	BROMOMETHANE	mg/kg	0.22	0.76	--	0.013 U
SW8260B	CARBON DISULFIDE	mg/kg	--	--	--	0.017 J
SW8260B	CARBON TETRACHLORIDE	mg/kg	0.10	0.73	10	0.0055 U
SW8260B	CHLOROBENZENE	mg/kg	1.5	1.5	2,000	0.011 U
SW8260B	CHLOROETHANE	mg/kg	1.2	12	--	0.011 U
SW8260B	CHLOROFORM	mg/kg	0.026	0.19	120	0.0038 U
SW8260B	CHLOROMETHANE	mg/kg	4.0	11	--	0.017 U
SW8260B	CIS-1,2-DICHLOROETHYLENE	mg/kg	0.36	2.5	--	0.0082 U
SW8260B	CIS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.0098 U
SW8260B	DIBROMOCHLOROMETHANE	mg/kg	0.0094	0.34	--	0.01 U
SW8260B	DIBROMOMETHANE	mg/kg	--	--	--	0.011 U
SW8260B	DICHLORODIFLUOROMETHANE	mg/kg	--	--	--	0.0082 U
SW8260B	ETHYLBENZENE	mg/kg	0.90	0.90	--	0.41
SW8260B	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.0082 U
SW8260B	ISOPROPYLBENZENE (CUMENE)	mg/kg	--	--	--	0.28
SW8260B	M,P-XYLENE (SUM OF ISOMERS)	mg/kg	--	--	--	0.38
SW8260B	METHYL ETHYL KETONE (2-BUTANONE)	mg/kg	6.2	15	4,000	0.033 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001A		DS01-S001B		DS01-S001C		DS01-S001D		DS01-S001E	
		Sample ID		DS01-S001A-0820		DS01-S001B-0820		DS01-S001C-0820		DS01-S001D-0820		DS01-S001E-0820	
		Sample Depth		0-1 ft bgs		1-2 ft bgs		2-3 ft bgs		3-4 ft bgs		4-5 ft bgs	
		Sample Date		17-Aug-20		17-Aug-20		21-Aug-20		21-Aug-20		21-Aug-20	
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit								
			Tier 1 EAL	EAL									
			(DWT_SW<150m)	(DWNT, SW<150m)									
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	0.5	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	0.12	0.02 U	0.019 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	3.1	0.014 U	0.014 U	0.21	0.014 U	0.014 U	0.014 U	0.014 U
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	--	0.0084 U	0.0083 U	0.0086 U	0.0085 U	0.0085 U	0.0086 U	0.0086 U
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	--	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	--	0.0084 U	0.0083 U	0.0086 U	0.0085 U	0.0085 U	0.0086 U	0.0086 U
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	--	0.0067 U	0.0067 U	0.0069 U	0.0068 U	0.0068 U	0.0069 U	0.0069 U
SW8260B	TPH-g	mg/kg	100	500	--	100	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.35 U
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	--	0.0067 U	0.0067 U	0.0069 U	0.0068 U	0.0068 U	0.0069 U	0.0069 U
SW8260B	STYRENE	mg/kg	0.91	2.9	--	0.91	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	--	0.0072 U	0.0072 U	0.0075 U	0.0073 U	0.0073 U	0.0075 U	0.0075 U
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	0.028	0.014 U	0.014 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14	0.098	0.19	0.12	0.12	0.072	0.072	0.04 J	0.04 J
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	0.78	0.0084 U	0.0083 U	0.0086 U	0.0085 U	0.0085 U	0.0086 U	0.0086 U
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	1.3588588	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	3.6	0.0084 U	0.0083 U	0.0086 U	0.0085 U	0.0085 U	0.0086 U	0.0086 U
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	0.089	0.0089 U	0.0089 U	0.0092 U	0.009 U	0.009 U	0.0092 U	0.0092 U
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	--	0.013 U	0.013 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	0.036	0.0084 U	0.0083 U	0.0086 U	0.0085 U	0.0085 U	0.0086 U	0.0086 U
SW8015B	TPH-d	mg/kg	220	683	--	220	78	120	250 J	150 J	260 J	260 J	260 J
SW8015B	TPH-o	mg/kg	500	1,500	--	500	360 J	500 J	1,300 J	660 J	1,300 J	1,300 J	1,300 J
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.18	5.5 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.75	5.7 U	5.7 U	1.2 U	1.2 U	1.2 U	1.2 U	6 U
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.57	5.7 U	5.7 U	1.2 U	1.2 U	1.2 U	1.2 U	6 U
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.055	5.5 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	0.5	6.7 U	6.7 U	1.4 U	1.4 U	1.4 U	1.4 U	7 U
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	0.30998448	5.4 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	0.0073	5.7 U	5.7 U	1.2 U	1.2 U	1.2 U	1.2 U	6 U
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	9.7973636	4.9 U	4.9 U	0.99 U	1 U	1 U	1 U	5.2 U
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	1.09385467	6 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	0.024	7.1 U	7.1 U	1.4 U	1.4 U	1.5 U	1.5 U	7.5 U
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	0.0051	6.8 U	6.8 U	1.4 U	1.4 U	1.4 U	1.4 U	7.1 U
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	--	5.8 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	0.012	4.9 U	4.9 U	0.99 U	1 U	1 U	1 U	5.2 U
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	--	5 U	5 U	1 U	1 U	1 U	1 U	5.3 U
SW8270D	2-NITROANILINE	mg/kg	--	--	--	--	6.9 U	6.9 U	1.4 U	1.4 U	1.4 U	1.4 U	7.3 U
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	--	5.4 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	0.092	6.2 U	6.2 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	--	5.1 U	5.1 U	1 U	1 U	1 U	1 U	5.4 U
SW8270D	3-NITROANILINE	mg/kg	--	--	--	--	6.8 U	6.8 U	1.4 U	1.4 U	1.4 U	1.4 U	7.1 U
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	--	6.2 U	6.2 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	--	6.4 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	--	6.6 U	6.6 U	1.3 U	1.4 U	1.4 U	1.4 U	6.9 U
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	0.0073	1.9 U	1.9 U	0.38 U	0.39 U	0.39 U	0.39 U	2 U
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	--	6.8 U	6.8 U	1.4 U	1.4 U	1.4 U	1.4 U	7.1 U
SW8270D	4-NITROANILINE	mg/kg	--	--	--	--	8.1 U	8.1 U	1.6 U	1.7 U	1.7 U	1.7 U	8.5 U
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	--	6.7 U	6.7 U	1.4 U	1.4 U	1.4 U	1.4 U	7 U
SW8270D	BENZOIC ACID	mg/kg	--	--	--	--	3.3 U	3.3 U	0.68 U	0.69 U	0.69 U	0.69 U	3.5 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001F	DS01-S001F	DS01-S001F	DS01-S001G	DS01-S001H		
		Sample ID		DS01-S001F-0820	DS01-S101F-0820	DS01-S201F-0820	DS01-S001G-0820	DS01-S002H-0820		
		Sample Depth		5-6 ft bgs	5-6 ft bgs	5-6 ft bgs	6-7.5 ft bgs	7.5-9 ft bgs		
		Sample Date		21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL						
			(DWT_SW<150m)	(DWNT, SW<150m)						
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	0.1 U	0.099 U	0.099 U	0.12 U	0.13 U
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	0.019 U	0.018 U	0.018 U	0.021 U	0.024 U
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	0.013 U	0.013 U	0.013 U	0.015 U	2.1
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	0.011 U	0.011 U	0.011 U	0.013 U	0.17
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.12
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	0.0064 U	0.0062 U	0.0062 U	0.0073 U	0.11
SW8260B	TPH-g	mg/kg	100	500	--	10 J	10 J	0.32 U	6.4 J	81 J
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	0.0064 U	0.0062 U	0.0062 U	0.0073 U	0.14
SW8260B	STYRENE	mg/kg	0.91	2.9	--	0.013 U	0.013 U	0.013 U	0.015 U	0.017 U
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	0.0069 U	0.0068 U	0.0068 U	0.0079 U	0.009 U
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	0.014 U	0.014 U	0.014 U	0.016 U	0.018 U
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14	0.042 J	0.067	0.025 J	0.019 J	0.017 U
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.025 J
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	0.01 U	0.0099 U	0.0099 U	0.012 U	0.27
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.0096 U	0.0094 U	0.0094 U	0.011 U	0.013 U
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	0.0085 U	0.0083 U	0.0083 U	0.0098 U	0.011 U
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	0.013 U	0.012 U	0.012 U	0.015 U	0.017 U
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	0.008 U	0.0078 U	0.0078 U	0.0091 U	0.01 U
SW8015B	TPH-d	mg/kg	220	683	--	140 J	63 J	48 J	40 J	3,600 J
SW8015B	TPH-o	mg/kg	500	1,500	--	520 J	270 J	180 J	190 J	6,500 J
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	1.2 U	1.2 U	1.2 U	1.2 U	5.7 U
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	1.2 U	1.2 U	1.2 U	1.3 U	5.9 U
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	1.2 U	1.2 U	1.2 U	1.3 U	5.9 U
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	1.2 U	1.2 U	1.2 U	1.2 U	5.7 U
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	1.4 U	1.4 U	1.4 U	1.5 U	6.9 U
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	1.1 U	1.1 U	1.1 U	1.2 U	5.6 U
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	1.2 U	1.2 U	1.2 U	1.3 U	5.9 U
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	1 U	1 U	1 U	1.1 U	5.1 U
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	1.5 U	1.5 U	1.5 U	1.6 U	7.4 U
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	1.4 U	1.4 U	1.4 U	1.5 U	7.1 U
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	1.2 U	1.2 U	1.2 U	1.3 U	6 U
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	1 U	1 U	1 U	1.1 U	5.1 U
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	1.1 U	1.1 U	1.1 U	1.1 U	5.2 U
SW8270D	2-NITROANILINE	mg/kg	--	--	--	1.5 U	1.5 U	1.5 U	1.5 U	7.2 U
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	1.1 U	1.1 U	1.1 U	1.2 U	5.6 U
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	1.3 U	1.3 U	1.3 U	1.4 U	6.5 U
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
SW8270D	3-NITROANILINE	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	1.5 U	7.1 U
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.5 U
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.6 U
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	1.5 U	6.8 U
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	0.4 U	0.4 U	0.4 U	0.42 U	2 U
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	1.5 U	7.1 U
SW8270D	4-NITROANILINE	mg/kg	--	--	--	1.7 U	1.7 U	1.7 U	1.8 U	8.4 U
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	1.5 U	6.9 U
SW8270D	BENZOIC ACID	mg/kg	--	--	--	0.71 U	0.71 U	0.71 U	0.75 U	3.5 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer				DS01-S001I	DS02-S001A	DS02-S001B	DS02-S001C	DS02-S001D	DS02-S001E
		Sample ID				DS01-S001I-0820	DS02-S001A-0820	DS02-S001B-0820	DS02-S001C-0820	DS02-S001D-0820	DS02-S001E-0820
		Sample Depth				10-11 ft bgs	0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs
		Sample Date				21-Aug-20	17-Aug-20	17-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL	EAL							
			(DWT_SW<150m)	(DWNT, SW<150m)							
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	0.13 U	0.11 U	0.11 U	0.11 U	0.14 U	0.12
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	0.024 U	0.02 U	0.02 U	0.021 U	0.026 U	0.021
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	0.017 U	0.014 U	0.014 U	0.015 U	0.019 U	0.015
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	0.014 U	0.012 U	0.012 U	0.012 U	0.016 U	0.013
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	0.01 U	0.0086 U	0.0086 U	0.023 J	0.011 U	0.0091
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	0.0082 U	0.0069 U	0.0069 U	0.007 U	0.0091 U	0.0073
SW8260B	TPH-g	mg/kg	100	500	--	0.46 U	0.34 U	0.34 U	0.36 U	0.46 U	13
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	0.0082 U	0.0069 U	0.0069 U	0.007 U	0.0091 U	0.0073
SW8260B	STYRENE	mg/kg	0.91	2.9	--	0.017 U	0.014 U	0.014 U	0.015 U	0.019 U	0.015
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	0.0089 U	0.0075 U	0.0075 U	0.0076 U	0.0098 U	0.0079
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	0.018 U	0.015 U	0.015 U	0.015 U	0.02 U	0.016
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14	0.016 U	0.082	0.084	0.11	0.073 J	0.17
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	0.01 U	0.0086 U	0.0086 U	0.024 J	0.018 J	0.0091
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	0.013 U	0.011 U	0.011 U	0.023 J	0.021 J	0.012
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.012 U	0.01 U	0.01 U	0.011 U	0.014 U	0.011
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	0.011 U	0.0092 U	0.0092 U	0.0094 U	0.012 U	0.0097
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	0.016 U	0.014 U	0.014 U	0.014 U	0.018 U	0.015
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	0.01 U	0.0086 U	0.0086 U	0.0088 U	0.011 U	0.0091
SW8015B	TPH-d	mg/kg	220	683	--	0.69 UJ	51	22	30	38	140
SW8015B	TPH-o	mg/kg	500	1,500	--	4.8 UJ	250 J	72 J	130 J	93 J	450
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	0.13 U	5.4 U	2.7 U	2.9 U	3.7 U	5.9
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	0.14 U	5.7 U	2.8 U	3 U	3.9 U	6.2
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	0.14 U	5.7 U	2.8 U	3 U	3.9 U	6.2
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	0.13 U	5.4 U	2.7 U	2.9 U	3.7 U	5.9
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	0.16 U	6.7 U	3.3 U	3.5 U	4.5 U	7.3
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	0.13 U	5.3 U	2.7 U	2.8 U	3.6 U	5.8
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	0.14 U	5.7 U	2.8 U	3 U	3.9 U	6.2
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	0.12 U	4.9 U	2.4 U	2.6 U	3.3 U	5.3
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	0.15 U	6 U	3 U	3.2 R	4.1 U	6.5
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	0.18 U	7.1 U	3.5 U	3.8 U	4.8 U	7.8
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	0.17 U	6.8 U	3.4 U	3.6 U	4.6 U	7.4
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	0.14 U	5.8 U	2.9 U	3.1 U	3.9 U	6.3
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	0.12 U	4.9 U	2.4 U	2.6 U	3.3 U	5.3
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	0.12 U	5 U	2.5 U	2.6 UJ	3.4 U	5.5
SW8270D	2-NITROANILINE	mg/kg	--	--	--	0.17 U	6.9 U	3.4 U	3.6 U	4.7 U	7.5
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	0.13 U	5.3 U	2.7 U	2.8 U	3.6 U	5.8
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	0.15 UJ	6.2 U	3.1 U	3.3 U	4.2 U	6.8
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	0.13 U	5.1 U	2.5 U	2.7 UJ	3.5 U	5.6
SW8270D	3-NITROANILINE	mg/kg	--	--	--	0.17 U	6.8 U	3.4 U	3.6 U	4.6 U	7.4
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	0.15 U	6.2 U	3.1 U	3.3 R	4.2 U	6.8
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	0.16 U	6.3 U	3.1 U	3.3 U	4.3 U	6.9
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	0.16 U	6.5 U	3.3 U	3.5 U	4.5 U	7.2
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	0.047 U	1.9 U	0.94 U	1 U	1.3 U	2.1
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	0.17 U	6.8 U	3.4 U	3.6 U	4.6 U	7.4
SW8270D	4-NITROANILINE	mg/kg	--	--	--	0.2 U	8.1 U	4 U	4.3 U	5.5 U	8.8
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	0.16 U	6.7 U	3.3 U	3.5 R	4.5 U	7.3
SW8270D	BENZOIC ACID	mg/kg	--	--	--	0.082 U	3.3 U	1.7 U	1.8 UJ	2.3 U	3.6

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001E		DS02-S001E		DS02-S001F		DS02-S001G		DS02-S002G	
		Sample ID		DS02-S101E-0820		DS02-S201E-0820		DS02-S001F-0820		DS02-S001G-0820		DS02-S002G-0820	
		Sample Depth		4-5 ft bgs		4-5 ft bgs		5-6 ft bgs		6-7.5 ft bgs		6-7.5 ft bgs	
		Sample Date		20-Aug-20		20-Aug-20		20-Aug-20		20-Aug-20		20-Aug-20	
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit								
			Tier 1 EAL	EAL		(DWT_SW<150m)	(DWNT, SW<150m)						
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	U	0.12 U	0.12 U	0.13 U	0.13 U	0.13 U	0.47 U	
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	U	0.023 U	0.022 U	0.024 U	0.023 U	0.023 U	0.087 U	
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	U	0.016 U	0.016 U	0.017 U	0.016 U	0.016 U	0.94	
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.0099 U	0.12 J	
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	U	0.014 U	0.013 U	0.014 U	0.014 U	0.014 U	0.052 U	
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.0099 U	0.037 U	
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	U	0.0077 U	0.0077 U	0.0082 U	0.0079 U	0.0079 U	0.03 U	
SW8260B	TPH-g	mg/kg	100	500	--		19	12	0.42 U	0.4 U	0.4 U	37	
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	U	0.0077 U	0.0077 U	0.0082 U	0.0079 U	0.0079 U	0.063 J	
SW8260B	STYRENE	mg/kg	0.91	2.9	--	U	0.016 U	0.016 U	0.017 U	0.016 U	0.016 U	0.062 U	
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	U	0.0084 U	0.0083 U	0.0089 U	0.0086 U	0.0086 U	0.032 U	
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	U	0.017 U	0.017 U	0.018 U	0.017 U	0.017 U	0.065 U	
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14		0.26	0.22	0.016 U	0.052 J	0.016 U	0.06 U	
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	U	0.0097 U	0.0096 U	0.01 U	0.01 J	0.01 U	0.037 U	
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	U	0.012 U	0.012 U	0.013 U	0.013 U	0.013 U	0.062 J	
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.0099 U	0.037 U	
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.045 U	
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	U	0.01 U	0.01 U	0.011 U	0.011 U	0.011 U	0.04 U	
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	U	0.015 U	0.015 U	0.016 U	0.016 U	0.016 U	0.06 U	
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	U	0.0097 U	0.0096 U	0.01 U	0.0099 U	0.0099 U	0.037 U	U
SW8015B	TPH-d	mg/kg	220	683	--		130	200	120	310	310	1400	
SW8015B	TPH-o	mg/kg	500	1,500	--	J	330 J	710 J	570 J	820 J	820 J	2400 J	
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	U	3.2 U	6.3 U	6.7 U	6.5 U	6.5 U	3 U	
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	U	3.3 U	6.5 U	7 U	6.7 U	6.7 U	3.2 U	
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	U	3.3 U	6.5 U	7 U	6.7 U	6.7 U	3.2 U	
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	U	3.2 U	6.3 U	6.7 U	6.5 U	6.5 U	3 U	
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	U	3.9 U	7.7 U	8.2 U	7.9 U	7.9 U	3.7 U	
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	U	3.1 U	6.1 U	6.6 U	6.3 U	6.3 U	3 U	
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	U	3.3 U	6.5 U	7 U	6.7 U	6.7 U	3.2 U	
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	U	2.8 U	5.6 U	6 U	5.8 U	5.8 U	2.7 U	
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	U	3.5 U	6.9 U	7.4 U	7.1 U	7.1 U	3.4 U	
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	U	4.1 U	8.2 U	8.8 U	8.4 U	8.4 U	4 U	
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	U	3.9 U	7.8 U	8.3 U	8 U	8 U	3.8 U	
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	U	3.4 U	6.7 U	7.1 U	6.9 U	6.9 U	3.2 U	
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	U	2.8 U	5.6 U	6 U	5.8 U	5.8 U	2.7 U	
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	U	2.9 U	5.8 U	6.2 U	5.9 U	5.9 U	2.8 U	
SW8270D	2-NITROANILINE	mg/kg	--	--	--	U	4 U	7.9 U	8.5 U	8.2 U	8.2 U	3.9 U	
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	U	3.1 U	6.1 U	6.6 U	6.3 U	6.3 U	3 U	
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	U	3.6 U	7.2 U	7.7 U	7.4 U	7.4 U	3.5 U	
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	U	3 U	5.9 U	6.3 U	6.1 U	6.1 U	2.9 U	
SW8270D	3-NITROANILINE	mg/kg	--	--	--	U	3.9 U	7.8 U	8.3 U	8 U	8 U	3.8 U	
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	U	3.6 U	7.2 U	7.7 U	7.4 U	7.4 U	3.5 U	
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	U	3.7 U	7.3 U	7.8 U	7.5 U	7.5 U	3.5 U	
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	U	3.8 U	7.6 U	8.1 U	7.8 U	7.8 U	3.7 U	
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	U	1.1 U	2.2 U	2.3 U	2.2 U	2.2 U	1.1 U	
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	U	3.9 U	7.8 U	8.3 U	8 U	8 U	3.8 U	
SW8270D	4-NITROANILINE	mg/kg	--	--	--	U	4.7 U	9.3 U	10 U	9.6 U	9.6 U	4.5 U	
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	U	3.9 U	7.7 U	8.2 U	7.9 U	7.9 U	3.7 U	
SW8270D	BENZOIC ACID	mg/kg	--	--	--	U	1.9 U	3.8 U	4.1 U	4 U	4 U	1.9 U	

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001H	DS02-S002H	DS02-S001I	DS03-S001A	DS03-S001B		
		Sample ID		DS02-S001H-0820	DS02-S002H-0820	DS02-S001I-0820	DSCOL-S001A-0820	DSCOL-S001B-0820		
		Sample Depth		7.5-9 ft bgs	7.5-9 ft bgs	10-11 ft bgs	0-10 ft bgs	10-20 ft bgs		
		Sample Date		20-Aug-20	20-Aug-20	20-Aug-20	19-Aug-20	19-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL						
			(DWT_SW<150m)	(DWNT, SW<150m)						
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	0.13 U	0.6 U	0.14 U	0.11 U	0.12 U
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	0.024 U	0.11 U	0.026 U	0.02 U	0.022 U
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	0.017 U	0.55	0.019 U	0.014 U	0.016 U
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	0.01 U	0.07 J	0.011 U	0.0084 U	0.0095 U
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	0.014 U	0.067 U	0.016 U	0.012 U	0.013 U
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	0.0082 U	0.038 U	0.009 U	0.0067 U	0.0076 U
SW8260B	TPH-g	mg/kg	100	500	--	0.41 U	23	0.46 U	11 J	0.39 U
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	0.0082 U	0.038 U	0.009 U	0.0067 U	0.0076 U
SW8260B	STYRENE	mg/kg	0.91	2.9	--	0.017 U	0.08 U	0.019 U	0.014 U	0.016 U
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	0.0088 U	0.041 U	0.0097 U	0.0073 U	0.0082 U
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	0.018 U	0.083 U	0.019 U	0.015 U	0.016 U
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14	0.016 U	0.076 U	0.018 U	0.45	0.015 U
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	0.01 U	0.048 U	0.012 J	0.014 J	0.0095 U
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	0.013 U	0.06 U	0.014 U	0.011 U	0.012 U
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	0.01 U	0.048 U	0.011 U	0.0084 U	0.0095 U
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.012 U	0.057 U	0.013 U	0.01 U	0.011 U
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	0.011 U	0.051 U	0.012 U	0.0089 U	0.01 U
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	0.016 U	0.076 U	0.018 U	0.013 U	0.015 U
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	0.01 U	0.048 UJ	0.011 U	0.0084 U	0.0095 U
SW8015B	TPH-d	mg/kg	220	683	--	620	4200	0.75 U	43	32
SW8015B	TPH-o	mg/kg	500	1,500	--	1600 J	7400 J	5.3 U	310 J	130 J
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	6.7 U	6.2 U	0.073 U	1.1 U	0.62 U
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	6.9 U	6.5 U	0.076 U	1.1 U	0.65 U
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	6.9 U	6.5 U	0.076 U	1.1 U	0.65 U
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	6.7 U	6.2 U	0.073 U	1.1 U	0.62 U
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	8.2 U	7.6 U	0.09 U	1.3 U	0.76 U
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	6.5 U	6.1 U	0.072 U	1.1 U	0.61 U
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	6.9 U	6.5 U	0.076 U	1.1 U	0.65 U
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	6 U	5.6 U	0.066 U	0.98 U	0.56 U
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	7.3 U	6.9 U	0.081 U	1.2 U	0.69 U
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	8.7 U	8.1 U	0.096 U	1.4 U	0.81 U
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	8.3 U	7.8 U	0.091 U	1.4 U	0.77 U
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	7.1 U	6.6 U	0.078 U	1.2 U	0.66 U
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	6 U	5.6 U	0.066 U	0.98 U	0.56 U
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	6.1 U	5.7 U	0.067 U	1 U	0.57 U
SW8270D	2-NITROANILINE	mg/kg	--	--	--	8.4 U	7.9 U	0.093 UJ	1.4 U	0.79 U
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	6.5 U	6.1 U	0.072 U	1.1 U	0.61 U
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	7.6 U	7.1 U	0.084 UJ	1.3 U	0.71 U
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	6.3 U	5.9 U	0.069 U	1 U	0.58 U
SW8270D	3-NITROANILINE	mg/kg	--	--	--	8.3 U	7.8 U	0.091 UJ	1.4 U	0.77 U
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	7.6 U	7.1 U	0.084 U	1.3 U	0.71 U
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	7.8 U	7.3 U	0.085 U	1.3 U	0.72 U
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	8 U	7.5 U	0.088 U	1.3 U	0.75 U
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	2.3 U	2.2 U	0.025 U	0.38 U	0.22 U
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	8.3 U	7.8 U	0.091 U	1.4 U	0.77 U
SW8270D	4-NITROANILINE	mg/kg	--	--	--	9.9 U	9.3 U	0.11 UJ	1.6 U	0.93 U
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	8.2 U	7.6 U	0.09 UJ	1.3 U	0.76 U
SW8270D	BENZOIC ACID	mg/kg	--	--	--	4.1 U	3.8 U	0.045 U	0.67 U	0.38 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

			DU-Vertical DU Layer		DS03-S002H	
			Sample ID		DS03-S002H-0820	
			Sample Depth		8-9.5 ft bgs	
			Sample Date		20-Aug-20	
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit	
			Tier 1 EAL	EAL		
			(DWT_SW<150m)	(DWNT, SW<150m)		
SW8260B	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/kg	0.50	0.50	--	0.1 U
SW8260B	METHYLENE CHLORIDE	mg/kg	0.12	36	--	0.019 U
SW8260B	NAPHTHALENE	mg/kg	3.1	3.1	--	6.8
SW8260B	N-BUTYLBENZENE	mg/kg	--	--	--	0.0082 U
SW8260B	N-PROPYLBENZENE	mg/kg	--	--	--	0.48
SW8260B	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/kg	--	--	--	0.47
SW8260B	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/kg	--	--	--	0.55
SW8260B	TPH-g	mg/kg	100	500	--	100 J
SW8260B	SEC-BUTYLBENZENE	mg/kg	--	--	--	0.36
SW8260B	STYRENE	mg/kg	0.91	2.9	--	0.014 U
SW8260B	T-BUTYLBENZENE	mg/kg	--	--	--	0.0071 U
SW8260B	TERT-BUTYL METHYL ETHER	mg/kg	0.028	4.1	--	0.014 U
SW8260B	TETRACHLOROETHYLENE (PCE)	mg/kg	0.098	0.72	14	0.013 U
SW8260B	TOLUENE	mg/kg	0.78	0.78	--	0.02 J
SW8260B	TOTAL XYLENES	mg/kg	1.4	1.4	--	0.01 U
SW8260B	TRANS-1,2-DICHLOROETHENE	mg/kg	3.6	25	--	0.0082 U
SW8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg	--	--	--	0.0098 U
SW8260B	TRICHLOROETHYLENE (TCE)	mg/kg	0.089	0.62	10	0.0091 J
SW8260B	TRICHLOROFLUOROMETHANE	mg/kg	--	--	--	0.013 U
SW8260B	VINYL CHLORIDE	mg/kg	0.036	0.99	4.0	0.0082 U
SW8015B	TPH-d	mg/kg	220	683	--	2,800 J
SW8015B	TPH-o	mg/kg	500	1,500	--	4,400 J
SW8270D	1,2,4-TRICHLOROBENZENE	mg/kg	0.18	1.4	--	11 U
SW8270D	1,2-DICHLOROBENZENE	mg/kg	0.75	1.1	--	11 U
SW8270D	1,3-DICHLOROBENZENE	mg/kg	0.57	2.5	--	11 U
SW8270D	1,4-DICHLOROBENZENE	mg/kg	0.055	0.40	150	11 U
SW8270D	2,4,5-TRICHLOROPHENOL	mg/kg	0.50	0.50	8,000	13 U
SW8270D	2,4,6-TRICHLOROPHENOL	mg/kg	0.31	0.31	40	11 U
SW8270D	2,4-DICHLOROPHENOL	mg/kg	0.0073	0.073	--	11 U
SW8270D	2,4-DIMETHYLPHENOL	mg/kg	9.8	9.8	--	9.6 U
SW8270D	2,4-DINITROPHENOL	mg/kg	1.1	1.1	--	12 U
SW8270D	2,4-DINITROTOLUENE	mg/kg	0.024	0.87	2.6	14 U
SW8270D	2,6-DINITROTOLUENE	mg/kg	0.0051	1.3	--	13 U
SW8270D	2-CHLORONAPHTHALENE	mg/kg	--	--	--	11 U
SW8270D	2-CHLOROPHENOL	mg/kg	0.012	0.12	--	9.6 U
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/kg	--	--	4,000	9.8 U
SW8270D	2-NITROANILINE	mg/kg	--	--	--	14 U
SW8270D	2-NITROPHENOL	mg/kg	--	--	--	11 U
SW8270D	3,3'-DICHLOROBENZIDINE	mg/kg	0.092	2.4	--	12 U
SW8270D	3-,4-METHYLPHENOL	mg/kg	--	--	--	10 U
SW8270D	3-NITROANILINE	mg/kg	--	--	--	13 U
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/kg	--	--	--	12 U
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/kg	--	--	--	12 U
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/kg	--	--	--	13 U
SW8270D	4-CHLOROANILINE	mg/kg	0.0073	0.36	--	3.7 U
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/kg	--	--	--	13 U
SW8270D	4-NITROANILINE	mg/kg	--	--	--	16 U
SW8270D	4-NITROPHENOL	mg/kg	--	--	--	13 U
SW8270D	BENZOIC ACID	mg/kg	--	--	--	6.6 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001A		DS01-S001B		DS01-S001C		DS01-S001D		DS01-S001E	
		Sample ID		DS01-S001A-0820		DS01-S001B-0820		DS01-S001C-0820		DS01-S001D-0820		DS01-S001E-0820	
		Sample Depth		0-1 ft bgs		1-2 ft bgs		2-3 ft bgs		3-4 ft bgs		4-5 ft bgs	
		Sample Date		17-Aug-20		17-Aug-20		21-Aug-20		21-Aug-20		21-Aug-20	
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit								
			Tier 1 EAL	EAL		(DWT_SW<150m)	(DWNT, SW<150m)						
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--		6.2 U	6.2 U	1.3 U	1.3 U	6.6 U		
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--		6.2 U	6.2 U	1.3 U	1.3 U	6.6 U		
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--		5.6 U	5.6 U	1.1 U	1.2 U	5.9 U		
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	0.000075	5.6 U	5.6 U	1.1 U	1.2 U	5.9 U		
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--		5.2 U	5.2 U	1.1 U	1.1 U	5.5 U		
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	37	6.9 U	6.9 U	1.4 U	1.4 U	7.3 U		
SW8270D	DIBENZOFURAN	mg/kg	--	--	--		6.4 U	6.3 U	1.3 U	1.3 U	6.7 U		
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	3.65760912	6.9 U	6.9 U	1.4 U	1.4 U	7.3 U		
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	25.5647169	7 U	7 U	1.4 U	1.5 U	7.4 U		
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--		7.4 U	7.3 U	1.5 U	1.5 U	7.7 U		
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--		6.5 U	6.5 U	1.3 U	1.3 U	6.8 U		
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	0.22	6.7 U	6.7 U	1.4 U	1.4 U	7 U		
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.041	5.8 U	5.8 U	1.2 U	1.2 U	6.1 U		
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	0.023	5.6 U	5.6 U	1.1 U	1.2 U	5.9 U		
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	0.89	6.4 U	6.3 U	1.3 U	1.3 U	6.7 U		
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	0.0053	5.6 U	5.6 U	1.1 U	1.2 U	5.9 U		
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--		9.7 U	9.7 U	2 U	2 U	10 U		
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--		6.1 U	6.1 U	1.2 U	1.3 U	6.4 U		
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--		5.7 U	5.7 U	1.2 U	1.2 U	6 U		
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	0.098	6.6 U	6.6 U	1.3 U	1.4 U	6.9 U		
SW8270D	PHENOL	mg/kg	1.8	1.8	--	1.8	4.8 U	4.8 U	0.97 U	0.99 U	5 U		
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	0.8879085	0.11 U	0.11 U	0.027 J	0.029 J	0.12 U		
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--		0.1 U	0.1 U	0.036 J	0.028 J	0.11 U		
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	118.02726	0.11 U	0.11 U	0.023 U	0.023 U	0.12 U		
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	5.5	0.1 U	0.1 U	0.02 U	0.021 U	0.11 U		
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	4.2	0.089 U	0.089 U	0.018 U	0.018 U	0.094 U		
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	9.97810087	0.38 J	0.25 J	0.17	0.26	0.12 J		
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	3.6	0.29 J	0.19 J	0.16	0.23	0.11 U		
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	11	0.46 J	0.3 J	0.3	0.39	0.16 J		
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	34.5280001	0.33 J	0.23 J	0.16	0.27	0.2 J		
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	39	0.23 J	0.15 J	0.092 J	0.14	0.12 U		
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	29.9630323	0.39 J	0.27 J	0.21	0.25	0.1 J		
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	1.1	0.16 J	0.11 J	0.049 J	0.073 J	0.11 U		
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	86.5280177	0.44 J	0.3 J	0.28	0.41	0.15 J		
SW8270-SIM	FLUORENE	mg/kg	93	93	--	93	0.11 U	0.11 U	0.023 U	0.023 U	0.12 U		
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	11	0.25 J	0.16 J	0.12	0.2	0.11 J		
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	3.1	0.1 U	0.1 U	0.026 J	0.021 U	0.11 U		
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	68.6258487	0.19 J	0.14 J	0.12	0.21	0.13 U		
SW8270-SIM	PYRENE	mg/kg	44	44	--	44	0.51 J	0.38 J	0.29	0.37	0.15 J		

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001F	DS01-S001F	DS01-S001F	DS01-S001G	DS01-S001H		
		Sample ID		DS01-S001F-0820	DS01-S101F-0820	DS01-S201F-0820	DS01-S001G-0820	DS01-S002H-0820		
		Sample Depth		5-6 ft bgs	5-6 ft bgs	5-6 ft bgs	6-7.5 ft bgs	7.5-9 ft bgs		
		Sample Date		21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL						
			(DWT_SW<150m)	(DWNT, SW<150m)						
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.5 U
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.5 U
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--	1.1 U	1.1 U	1.1 U	1.2 U	5.4 U
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	1.5 U	1.5 U	1.5 U	1.5 U	7.2 U
SW8270D	DIBENZOFURAN	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.6 U
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	1.5 U	1.5 U	1.5 U	1.5 U	7.2 U
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	1.5 U	1.5 U	1.5 U	1.6 U	7.3 U
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--	1.6 U	1.6 U	1.6 U	1.6 U	7.6 U
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	1.4 U	6.7 U
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	1.4 U	1.4 U	1.4 U	1.5 U	6.9 U
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	1.2 U	1.2 U	1.2 U	1.3 U	6 U
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	1.3 U	1.3 U	1.3 U	1.4 U	6.6 U
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--	2.1 U	2.1 U	2.1 U	2.2 U	10 U
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--	1.3 U	1.3 U	1.3 U	1.4 U	6.4 U
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--	1.2 U	1.2 U	1.2 U	1.3 U	5.9 U
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	1.4 U	1.4 U	1.4 U	1.5 U	6.8 U
SW8270D	PHENOL	mg/kg	1.8	1.8	--	1 U	1 U	1 U	1.1 U	5 U
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	0.024 U	0.024 U	0.024 U	0.025 U	2.1
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--	0.021 U	0.021 U	0.021 U	0.022 U	0.66
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	0.024 U	0.024 U	0.024 U	0.025 U	0.12 U
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	0.021 U	0.021 U	0.021 U	0.022 U	0.1 U
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	0.019 U	0.019 U	0.019 U	0.02 U	0.093 U
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	0.063 J	0.04 J	0.043 J	0.022 U	0.1 U
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	0.057 J	0.033 J	0.036 J	0.022 U	0.1 U
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	0.08 J	0.055 J	0.056 J	0.027 U	0.13 U
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	0.049 J	0.042 J	0.035 J	0.032 U	0.22 J
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	0.037 J	0.024 U	0.024 U	0.025 U	0.12 U
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	0.056 J	0.031 J	0.036 J	0.02 U	1.4
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	0.021 U	0.022 J	0.021 U	0.022 U	0.1 U
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	0.074 J	0.043 J	0.049 J	0.03 U	0.14 U
SW8270-SIM	FLUORENE	mg/kg	93	93	--	0.024 U	0.024 U	0.024 U	0.025 U	0.77
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	0.041 J	0.035 J	0.034 J	0.022 U	0.21 J
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	0.021 U	0.021 U	0.021 U	0.022 U	0.1 U
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	0.033 J	0.026 U	0.03 J	0.027 U	1.3
SW8270-SIM	PYRENE	mg/kg	44	44	--	0.072 J	0.043 J	0.053 J	0.03 U	2.9

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001I	DS02-S001A	DS02-S001B	DS02-S001C	DS02-S001D	DS02-S001E		
		Sample ID		DS01-S001I-0820	DS02-S001A-0820	DS02-S001B-0820	DS02-S001C-0820	DS02-S001D-0820	DS02-S001E-0820		
		Sample Depth		10-11 ft bgs	0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs		
		Sample Date		21-Aug-20	17-Aug-20	17-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL (DWT_SW<150m)	EAL (DWNT, SW<150m)							
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--	0.15 U	6.2 U	3.1 U	3.3 U	4.2 U	6.8
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--	0.15 UJ	6.2 U	3.1 U	3.3 U	4.2 U	6.8
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--	0.14 U	5.5 U	2.8 U	2.9 U	3.8 U	6.1
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	0.14 U	5.5 U	2.8 U	2.9 U	3.8 U	6.1
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--	0.13 U	5.2 U	2.6 U	2.8 U	3.5 U	5.7
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	0.17 UJ	6.9 U	3.4 U	3.6 U	4.7 U	7.5
SW8270D	DIBENZOFURAN	mg/kg	--	--	--	0.16 U	6.3 U	3.1 U	3.3 U	4.3 U	6.9
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	0.17 U	6.9 U	3.4 U	3.6 U	4.7 U	7.5
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	0.17 U	7 U	3.5 U	3.7 U	4.8 U	7.6
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--	0.18 U	7.3 U	3.6 U	3.9 U	5 U	8
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--	0.16 UJ	6.4 U	3.2 U	3.4 U	4.4 U	7
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	0.16 U	6.7 U	3.3 U	3.5 U	4.5 U	7.3
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	0.14 U	5.8 U	2.9 U	3.1 U	3.9 U	6.3
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	0.14 U	5.5 U	2.8 U	2.9 U	3.8 U	6.1
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	0.16 U	6.3 U	3.1 U	3.3 U	4.3 U	6.9
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	0.14 U	5.5 U	2.8 U	2.9 U	3.8 U	6.1
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--	0.24 U	9.6 U	4.8 U	5.1 UJ	6.6 U	11
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--	0.15 U	6.1 U	3 U	3.2 U	4.2 U	6.7
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--	0.14 U	5.7 U	2.8 U	3 U	3.9 U	6.2
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	0.16 U	6.5 U	3.3 U	3.5 R	4.5 U	7.2
SW8270D	PHENOL	mg/kg	1.8	1.8	--	0.12 U	4.8 U	2.4 U	2.5 UJ	3.2 U	5.2
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	0.0026 U	0.11 U	0.055 U	0.059 U	0.076 U	0.12
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--	0.0026 U	0.1 U	0.054 J	0.053 U	0.068 U	0.11
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	0.0027 U	0.11 U	0.055 U	0.059 U	0.076 U	0.3
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	0.0024 U	0.1 U	0.05 U	0.053 U	0.068 U	0.49
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	0.0023 UJ	0.089 U	0.06 J	0.047 U	0.06 U	1.3
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	0.0025 U	0.24 J	0.25 J	0.084 J	0.15 J	5.9
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	0.0026 U	0.19 J	0.23 J	0.072 J	0.14 J	13
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	0.003 U	0.3 J	0.3	0.12 J	0.21 J	16
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	0.01 J	0.23 J	0.2 J	0.076 U	0.12 J	14
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	0.0029 U	0.15 J	0.12 J	0.059 U	0.077 J	4.5
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	0.0023 U	0.24 J	0.22 J	0.074 J	0.14 J	5.7
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	0.0039 J	0.1 U	0.05 U	0.053 U	0.068 U	2.5
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	0.0033 UJ	0.31 J	0.46	0.081 J	0.2 J	11
SW8270-SIM	FLUORENE	mg/kg	93	93	--	0.0027 U	0.11 U	0.055 U	0.059 U	0.076 U	0.17
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	0.005 J	0.17 J	0.15 J	0.06 J	0.11 J	11
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	0.0024 U	0.1 U	0.069 J	0.053 U	0.068 U	0.63
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	0.003 UJ	0.25 J	0.28	0.065 U	0.12 J	3.9
SW8270-SIM	PYRENE	mg/kg	44	44	--	0.0034 U	0.32 J	0.42	0.088 J	0.19 J	11

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001E	DS02-S001E	DS02-S001F	DS02-S001G	DS02-S002G			
		Sample ID		DS02-S101E-0820	DS02-S201E-0820	DS02-S001F-0820	DS02-S001G-0820	DS02-S002G-0820			
		Sample Depth		4-5 ft bgs	4-5 ft bgs	5-6 ft bgs	6-7.5 ft bgs	6-7.5 ft bgs			
		Sample Date		20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20			
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL	EAL							
			(DWT_SW<150m)	(DWNT, SW<150m)							
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--	U	3.6 U	7.2 U	7.7 U	7.4 U	3.5 U
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--	U	3.6 U	7.2 U	7.7 U	7.4 U	3.5 U
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--	U	3.2 U	6.4 U	6.8 U	6.6 U	3.1 U
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	U	3.2 U	6.4 U	6.8 U	6.6 U	3.1 U
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--	U	3 U	6 U	6.4 U	6.2 U	2.9 U
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	U	4 U	7.9 U	8.5 U	8.2 U	3.9 U
SW8270D	DIBENZOFURAN	mg/kg	--	--	--	U	3.7 U	7.3 U	7.8 U	7.5 U	3.5 U
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	U	4 U	7.9 U	8.5 U	8.2 U	3.9 U
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	U	4.1 U	8.1 U	8.6 U	8.3 U	3.9 U
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--	U	4.3 U	8.5 U	9 U	8.7 U	4.1 U
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--	U	3.7 U	7.4 U	7.9 U	7.6 U	3.6 U
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	U	3.9 U	7.7 U	8.2 U	7.9 U	3.7 U
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	U	3.4 U	6.7 U	7.1 U	6.9 U	3.2 U
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	U	3.2 U	6.4 U	6.8 U	6.6 U	3.1 U
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	U	3.7 U	7.3 U	7.8 U	7.5 U	3.5 U
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	U	3.2 U	6.4 U	6.8 U	6.6 U	3.1 U
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--	U	5.6 U	11 U	12 U	11 U	5.4 U
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--	U	3.5 U	7 U	7.5 U	7.2 U	3.4 U
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--	U	3.3 U	6.5 U	7 U	6.7 U	3.2 U
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	U	3.8 U	7.6 U	8.1 U	7.8 U	3.7 U
SW8270D	PHENOL	mg/kg	1.8	1.8	--	U	2.8 U	5.5 U	5.9 U	5.7 U	2.7 U
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	UJ	0.079 J	0.16 J	0.14 U	0.13 U	0.17 J
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--	J	0.1 J	0.19 J	0.12 U	0.12 U	0.13 J
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	J	0.28 J	0.91 J	0.14 U	0.13 U	0.062 U
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	J	0.17 J	1.2 J	0.35 J	0.2 J	0.056 U
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	J	0.82 J	4.1 J	0.24 J	0.13 J	0.05 U
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	J	2 J	23 J	0.12 U	0.12 U	0.056 U
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	J	3.9 J	34 J	0.12 U	0.13 J	0.056 U
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	J	4.6 J	44 J	0.15 U	0.19 J	0.18 J
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	J	4.3 J	29 J	0.47 J	0.18 J	0.15 J
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	J	1.5 J	9.7 J	0.14 U	0.13 U	0.062 U
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	J	1.8 J	19 J	0.11 U	0.11 U	0.76
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	J	0.69 J	5 J	0.12 U	0.12 U	0.056 U
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	J	4.4 J	50 J	0.16 U	0.16 U	0.45
SW8270-SIM	FLUORENE	mg/kg	93	93	--	J	0.15 J	0.56 J	0.14 U	0.13 U	0.062 U
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	J	3.1 J	23 J	0.21 J	0.13 J	0.1 J
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	J	0.31 J	1.2 J	0.12 U	0.12 U	0.056 U
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	J	2.5 J	14 J	0.15 U	0.14 U	0.16 J
SW8270-SIM	PYRENE	mg/kg	44	44	--	J	4 J	51 J	0.16 U	0.16 U	1.2

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001H	DS02-S002H	DS02-S001I	DS03-S001A	DS03-S001B		
		Sample ID		DS02-S001H-0820	DS02-S002H-0820	DS02-S001I-0820	DSCOL-S001A-0820	DSCOL-S001B-0820		
		Sample Depth		7.5-9 ft bgs	7.5-9 ft bgs	10-11 ft bgs	0-10 ft bgs	10-20 ft bgs		
		Sample Date		20-Aug-20	20-Aug-20	20-Aug-20	19-Aug-20	19-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL	EAL						
			(DWT_SW<150m)	(DWNT, SW<150m)						
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--	7.6 U	7.1 U	0.084 U	1.3 U	0.71 U
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--	7.6 U	7.1 U	0.084 UJ	1.3 U	0.71 U
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--	6.8 U	6.4 U	0.075 U	1.1 U	0.63 U
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	6.8 U	6.4 U	0.075 U	1.1 U	0.63 U
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--	6.4 U	6 U	0.07 U	1.1 U	0.6 U
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	8.4 U	7.9 U	0.093 UJ	1.4 U	0.79 U
SW8270D	DIBENZOFURAN	mg/kg	--	--	--	7.8 U	7.3 U	0.085 U	1.3 U	0.72 U
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	8.4 U	7.9 U	0.093 U	1.4 U	0.79 U
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	8.6 U	8 U	0.094 U	1.4 U	0.8 U
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--	9 U	8.4 U	0.099 U	1.5 U	0.84 U
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--	7.9 U	7.4 U	0.087 UJ	1.3 U	0.74 U
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	8.2 U	7.6 U	0.09 U	1.3 U	0.76 U
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	7.1 U	6.6 U	0.078 U	1.2 U	0.66 U
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	6.8 U	6.4 U	0.075 U	1.1 U	0.63 U
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	7.8 U	7.3 U	0.085 U	1.3 U	0.72 U
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	6.8 U	6.4 U	0.075 U	1.1 U	0.63 U
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--	12 U	11 U	0.13 U	1.9 U	1.1 U
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--	7.5 U	7 U	0.082 U	1.2 U	0.7 U
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--	6.9 U	6.5 U	0.076 U	1.1 U	0.65 U
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	8 U	7.5 U	0.088 U	1.3 U	0.75 U
SW8270D	PHENOL	mg/kg	1.8	1.8	--	5.9 U	5.5 U	0.064 U	0.96 U	0.55 U
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	0.14 U	3.7	0.0015 U	0.022 U	0.015 J
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--	0.12 U	3.3	0.0013 U	0.02 U	0.02 J
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	0.14 U	0.13 U	0.0015 U	0.022 U	0.013 U
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	0.12 U	0.11 U	0.0013 U	0.02 U	0.011 U
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	0.11 U	0.1 U	0.0012 UJ	0.018 U	0.01 UJ
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	0.22 J	0.11 U	0.0013 U	0.19	0.042 J
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	0.12 U	0.11 U	0.0013 U	0.15	0.043 J
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	0.15 U	0.14 U	0.0016 U	0.26	0.062 J
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	0.22 J	0.36 J	0.0048 J	0.15	0.037 J
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	0.14 U	0.13 U	0.0015 U	0.099 J	0.026 J
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	0.2 J	1.1	0.0012 U	0.17	0.037 J
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	0.12 U	0.11 U	0.0021 J	0.057 J	0.014 J
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	0.27 J	0.15 U	0.0018 UJ	0.28	0.049 J
SW8270-SIM	FLUORENE	mg/kg	93	93	--	0.14 U	1.3	0.0015 U	0.022 U	0.013 U
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	0.17 J	0.28 J	0.0013 U	0.12	0.033 J
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	0.12 U	1.3	0.0013 U	0.02 U	0.014 J
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	0.15 U	2.7	0.0016 UJ	0.15	0.026 J
SW8270-SIM	PYRENE	mg/kg	44	44	--	0.3 J	2.6	0.0018 U	0.26	0.051 J

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS03-S002H		
		Sample ID		DS03-S002H-0820		
		Sample Depth		8-9.5 ft bgs		
		Sample Date		20-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit	
			Tier 1 EAL	EAL		
			(DWT_SW<150m)	(DWNT, SW<150m)		
SW8270D	BENZYL ALCOHOL	mg/kg	--	--	--	12 U
SW8270D	BENZYL BUTYL PHTHALATE	mg/kg	--	--	--	12 U
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/kg	--	--	--	11 U
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/kg	0.000075	0.0040	--	11 U
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/kg	--	--	--	10 U
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/kg	37	144	--	14 U
SW8270D	DIBENZOFURAN	mg/kg	--	--	--	12 U
SW8270D	DIETHYL PHTHALATE	mg/kg	3.7	3.7	--	14 U
SW8270D	DIMETHYL PHTHALATE	mg/kg	26	26	--	14 U
SW8270D	DI-n-BUTYL PHTHALATE	mg/kg	--	--	--	14 U
SW8270D	DI-n-OCTYLPHTHALATE	mg/kg	--	--	--	13 U
SW8270D	HEXACHLOROENZENE	mg/kg	0.22	0.23	2.6	13 U
SW8270D	HEXACHLOROBUTADIENE	mg/kg	0.041	0.061	10	11 U
SW8270D	HEXACHLOROETHANE	mg/kg	0.023	0.68	60	11 U
SW8270D	ISOPHORONE	mg/kg	0.89	10.0	--	12 U
SW8270D	NITROBENZENE	mg/kg	0.0053	14	40	11 U
SW8270D	N-NITROSODIMETHYLAMINE	mg/kg	--	--	--	19 U
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/kg	--	--	--	12 U
SW8270D	N-NITROSODIPHENYLAMINE	mg/kg	--	--	--	11 U
SW8270D	PENTACHLOROPHENOL	mg/kg	0.098	0.78	2,000	13 U
SW8270D	PHENOL	mg/kg	1.8	1.8	--	9.4 U
SW8270-SIM	1-METHYLNAPHTHALENE	mg/kg	0.89	0.89	--	20
SW8270-SIM	2-METHYLNAPHTHALENE	mg/kg	--	--	--	24
SW8270-SIM	ACENAPHTHENE	mg/kg	120	118	--	0.53 U
SW8270-SIM	ACENAPHTHYLENE	mg/kg	5.5	5.5	--	0.49 U
SW8270-SIM	ANTHRACENE	mg/kg	4.2	4.2	--	0.45 U
SW8270-SIM	BENZO(A)ANTHRACENE	mg/kg	10	10	--	0.5 U
SW8270-SIM	BENZO(A)PYRENE	mg/kg	3.6	5.9	--	0.51 U
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/kg	11	68	--	0.61 U
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/kg	35	35	--	0.73 U
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/kg	39	39	--	0.57 U
SW8270-SIM	CHRYSENE	mg/kg	30	30	--	5.2
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	--	0.5 U
SW8270-SIM	FLUORANTHENE	mg/kg	87	87	--	0.66 U
SW8270-SIM	FLUORENE	mg/kg	93	93	--	4.5
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	--	0.49 U
SW8270-SIM	NAPHTHALENE	mg/kg	3.1	3.1	--	7.5
SW8270-SIM	PHENANTHRENE	mg/kg	69	69	--	12
SW8270-SIM	PYRENE	mg/kg	44	44	--	7.3

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001A		DS01-S001B		DS01-S001C		DS01-S001D		DS01-S001E	
		Sample ID		DS01-S001A-0820		DS01-S001B-0820		DS01-S001C-0820		DS01-S001D-0820		DS01-S001E-0820	
		Sample Depth		0-1 ft bgs		1-2 ft bgs		2-3 ft bgs		3-4 ft bgs		4-5 ft bgs	
		Sample Date		17-Aug-20		17-Aug-20		21-Aug-20		21-Aug-20		21-Aug-20	
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit								
			Tier 1 EAL	EAL									
			(DWT_SW<150m)	(DWNT, SW<150m)									
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	1.2	0.011 U	0.011 U	0.011 U	0.012 U	0.012 U		
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	1.2	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U		
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	1.2	0.004 U	0.004 U	0.004 U	0.005 U	0.005 U		
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	1.2	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U		
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	1.2	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U		
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	3.9	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	17	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	CHLORDANE	mg/kg	17	23	0.60	17	0.017 U	0.017 U	0.017 U	0.017 U	0.018 U		
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	DIELDRIN	mg/kg	2.5	24	--	2.5	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	3.8	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	--	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U		
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	--	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U		
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	0.029	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	17	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	1.3	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	0.2	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	16	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	2.2	0.002 U	0.002 U	0.002 U	0.0021 U	0.0021 U		
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	1.9	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0019 U		
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	1.8	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U		
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	0.48	0.017 U	0.017 U	0.017 U	0.017 U	0.018 U		
SW6010B	ARSENIC	mg/kg	24	95	100	24	3.9	2.6 J	4.4	6.7	4.3		
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000	1000	190	186	151	162	215		
SW6010B	CADMIUM	mg/kg	14	72	20	14	1.7	1.1	1.4	0.93	1.6		
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100	1100	77.4	62.8	87.7	99.3	76.3		
SW6010B	LEAD	mg/kg	200	800	100	200	255	175	127	156	189		
SW6010B	SELENIUM	mg/kg	78	1,022	20	78	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		
SW6010B	SILVER	mg/kg	78	1,022	100	78	0.2 J	0.1 U	0.2 J	0.24 J	0.17 J		
SW7471A	MERCURY	mg/kg	4.7	61	4.0	4.7	1.8	1.2	0.76	0.96	0.08 J		

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001F	DS01-S001F	DS01-S001F	DS01-S001G	DS01-S001H		
		Sample ID		DS01-S001F-0820	DS01-S101F-0820	DS01-S201F-0820	DS01-S001G-0820	DS01-S002H-0820		
		Sample Depth		5-6 ft bgs	5-6 ft bgs	5-6 ft bgs	6-7.5 ft bgs	7.5-9 ft bgs		
		Sample Date		21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL (DWT_SW<150m)	EAL (DWNT, SW<150m)						
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	CHLORDANE	mg/kg	17	23	0.60	0.018 U	0.018 U	0.018 U	0.019 U	0.017 U
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	DIELDRIN	mg/kg	2.5	24	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0023 U
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0023 U
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0021 U
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.0019 U
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	0.018 U	0.018 U	0.018 U	0.019 U	0.017 U
SW6010B	ARSENIC	mg/kg	24	95	100	6.2	5.8	6.5	6.7	6.9
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000	256	241	204	71.5	108
SW6010B	CADMIUM	mg/kg	14	72	20	0.2 J	0.24 J	0.2 J	0.14 J	0.33 J
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100	89	85.3	90.4	80.9	48.3
SW6010B	LEAD	mg/kg	200	800	100	130	146	83.2	24.8	37.7
SW6010B	SELENIUM	mg/kg	78	1,022	20	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
SW6010B	SILVER	mg/kg	78	1,022	100	0.47 J	1.7 J	0.65 J	0.1 U	0.1 U
SW7471A	MERCURY	mg/kg	4.7	61	4.0	0.32	0.37	0.33	0.093 J	0.012 J

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS01-S001I	DS02-S001A	DS02-S001B	DS02-S001C	DS02-S001D	DS02-S001E		
		Sample ID	DS01-S001I-0820	DS02-S001A-0820	DS02-S001B-0820	DS02-S001C-0820	DS02-S001D-0820	DS02-S001E-0820			
		Sample Depth	10-11 ft bgs	0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs			
		Sample Date	21-Aug-20	17-Aug-20	17-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20			
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL (DWT_SW<150m)	EAL (DWNT, SW<150m)							
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	0.014 U	0.011 U	0.011 U	0.012 U	0.015 U	0.012
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	0.0082 U	0.007 U	0.007 U	0.007 U	0.009 U	0.007
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	0.0049 U	0.004 U	0.004 U	0.005 U	0.006 U	0.005
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	0.0082 U	0.007 U	0.007 U	0.007 U	0.009 U	0.007
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	0.0082 U	0.007 U	0.007 U	0.007 U	0.009 U	0.007
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	CHLORDANE	mg/kg	17	23	0.60	--	0.017 U	0.017 U	0.018 U	0.023 U	0.018
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	DIELDRIN	mg/kg	2.5	24	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	--	0.0022 U	0.0022 U	0.0023 U	0.003 U	0.0024
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	--	0.0022 U	0.0022 U	0.0023 U	0.003 U	0.0024
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	--	0.002 U	0.002 U	0.0021 U	0.0027 U	0.0022
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	--	0.0018 U	0.0018 U	0.0019 U	0.0024 U	0.0019
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	--	0.0009 U	0.0009 U	0.0009 U	0.0012 U	0.001
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	--	0.017 U	0.017 U	0.018 U	0.023 U	0.018
SW6010B	ARSENIC	mg/kg	24	95	100	9.8	3.2 U	4.2 U	7.8 J	6	9.5
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000	95.3	219	202	217	257	171
SW6010B	CADMIUM	mg/kg	14	72	20	0.07 U	0.95 U	0.76 U	1.7 J	0.17 J	0.06
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100	96.6	72	76.5	102	88	89.1
SW6010B	LEAD	mg/kg	200	800	100	0.41 J	135 U	118 U	136	99.4	121
SW6010B	SELENIUM	mg/kg	78	1,022	20	0.69 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5
SW6010B	SILVER	mg/kg	78	1,022	100	0.14 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1
SW7471A	MERCURY	mg/kg	4.7	61	4.0	0.015 J	0.24	0.11	0.45	0.2	0.41

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001E	DS02-S001E	DS02-S001F	DS02-S001G	DS02-S002G			
		Sample ID	DS02-S101E-0820	DS02-S201E-0820	DS02-S001F-0820	DS02-S001G-0820	DS02-S002G-0820				
		Sample Depth	4-5 ft bgs	4-5 ft bgs	5-6 ft bgs	6-7.5 ft bgs	6-7.5 ft bgs				
		Sample Date	20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20			
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit						
			Tier 1 EAL (DWT_SW<150m)	EAL (DWNT, SW<150m)							
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	U	0.013 U	0.013 U	0.014 U	0.013 U	0.012 U
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	U	0.008 U	0.008 U	0.008 U	0.008 U	0.007 U
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	U	0.008 U	0.008 U	0.008 U	0.008 U	0.007 U
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	U	0.008 U	0.008 U	0.008 U	0.008 U	0.007 U
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	CHLORDANE	mg/kg	17	23	0.60	U	0.019 U	0.019 U	0.021 U	0.02 U	0.019 U
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	DIELDRIN	mg/kg	2.5	24	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	U	0.0026 U	0.0026 U	0.0027 U	0.0026 U	0.0025 U
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	U	0.0026 U	0.0026 U	0.0027 U	0.0026 U	0.0025 U
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	U	0.0023 U	0.0023 U	0.0025 U	0.0024 U	0.0022 U
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	U	0.0021 U	0.002 U	0.0022 U	0.0021 U	0.002 U
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.001 U
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	U	0.019 U	0.019 U	0.021 U	0.02 U	0.019 U
SW6010B	ARSENIC	mg/kg	24	95	100		9.9	10.6	15	9.4	1.5 J
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000		186	196	147	165	179
SW6010B	CADMIUM	mg/kg	14	72	20	J	0.13 J	0.14 J	0.11 J	1.1	1.7
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100		97	104	111	95.2	77.4
SW6010B	LEAD	mg/kg	200	800	100	J	182 J	261 J	77.2	109	89.6
SW6010B	SELENIUM	mg/kg	78	1,022	20	U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SW6010B	SILVER	mg/kg	78	1,022	100	U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW7471A	MERCURY	mg/kg	4.7	61	4.0		0.41	0.27	0.86	0.17	0.022 J

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS02-S001H	DS02-S002H	DS02-S001I	DS03-S001A	DS03-S001B		
		Sample ID		DS02-S001H-0820	DS02-S002H-0820	DS02-S001I-0820	DSCOL-S001A-0820	DSCOL-S001B-0820		
		Sample Depth		7.5-9 ft bgs	7.5-9 ft bgs	10-11 ft bgs	0-10 ft bgs	10-20 ft bgs		
		Sample Date		20-Aug-20	20-Aug-20	20-Aug-20	19-Aug-20	19-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit					
			Tier 1 EAL (DWT_SW<150m)	EAL (DWNT, SW<150m)						
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	0.014 U	0.013 U	0.015 U	0.011 U	0.013 U
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	0.008 U	0.008 U	0.009 U	0.007 U	0.008 U
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	0.008 U	0.008 U	0.009 U	0.007 U	0.008 U
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	0.008 U	0.008 U	0.009 U	0.007 U	0.008 U
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	CHLORDANE	mg/kg	17	23	0.60	0.02 U	0.019 U	0.022 U	0.017 U	0.019 U
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	DIELDRIN	mg/kg	2.5	24	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	0.0027 U	0.0025 U	0.003 U	0.0022 U	0.0025 U
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	0.0027 U	0.0025 U	0.003 U	0.0022 U	0.0025 U
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	0.0024 U	0.0023 U	0.0027 U	0.002 U	0.0023 U
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	0.0022 U	0.002 U	0.0024 U	0.0018 U	0.002 U
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	0.0011 U	0.001 U	0.0012 U	0.0009 U	0.001 U
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	0.02 U	0.019 U	0.022 U	0.017 U	0.019 U
SW6010B	ARSENIC	mg/kg	24	95	100	7.4	5.3	6.4	4.8	8.8
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000	52.7	117	59	255	160
SW6010B	CADMIUM	mg/kg	14	72	20	0.23 J	0.63	0.05 U	0.4 J	0.73
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100	89.6	46.5	80.3	64.9	69.1
SW6010B	LEAD	mg/kg	200	800	100	54.4	58.9	0.88 J	112	131
SW6010B	SELENIUM	mg/kg	78	1,022	20	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
SW6010B	SILVER	mg/kg	78	1,022	100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW7471A	MERCURY	mg/kg	4.7	61	4.0	0.069 J	0.025 J	0.037 J	0.44	0.55

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer		DS03-S002H		
		Sample ID		DS03-S002H-0820		
		Sample Depth		8-9.5 ft bgs		
		Sample Date		20-Aug-20		
Method	Chemical	Unit	HDOH Unrestricted	HDOH Site-Specific	TCLP X20 Limit	
			Tier 1 EAL	EAL		
			(DWT_SW<150m)	(DWNT, SW<150m)		
SW8082	PCB, TOTAL	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1016 (AROCHLOR 1016)	mg/kg	1.2	8.6	--	0.011 U
SW8082	PCB-1221 (AROCHLOR 1221)	mg/kg	1.2	8.6	--	0.0066 U
SW8082	PCB-1232 (AROCHLOR 1232)	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1242 (AROCHLOR 1242)	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1248 (AROCHLOR 1248)	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1254 (AROCHLOR 1254)	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1260 (AROCHLOR 1260)	mg/kg	1.2	8.6	--	0.0039 U
SW8082	PCB-1262 (AROCHLOR 1262)	mg/kg	1.2	8.6	--	0.0066 U
SW8082	PCB-1268 (AROCHLOR 1268)	mg/kg	1.2	8.6	--	0.0066 U
SW8081A	ALDRIN	mg/kg	3.9	8.4	--	--
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--
SW8081A	ALPHA ENDOSULFAN	mg/kg	--	--	--	--
SW8081A	ALPHA-CHLORDANE	mg/kg	17	23	--	--
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--
SW8081A	BETA ENDOSULFAN	mg/kg	--	--	--	--
SW8081A	CHLORDANE	mg/kg	17	23	0.60	--
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/kg	--	--	--	--
SW8081A	DIELDRIN	mg/kg	2.5	24	--	--
SW8081A	ENDOSULFAN SULFATE	mg/kg	--	--	--	--
SW8081A	ENDRIN	mg/kg	3.8	30	0.40	--
SW8081A	ENDRIN ALDEHYDE	mg/kg	--	--	--	--
SW8081A	ENDRIN KETONE	mg/kg	--	--	--	--
SW8081A	GAMMA BHC (LINDANE)	mg/kg	0.029	0.029	8.0	--
SW8081A	GAMMA-CHLORDANE	mg/kg	17	23	--	--
SW8081A	HEPTACHLOR	mg/kg	1.3	5.6	0.16	--
SW8081A	HEPTACHLOR EPOXIDE	mg/kg	0.20	2.7	--	--
SW8081A	METHOXYCHLOR	mg/kg	16	16	200	--
SW8081A	P,P'-DDD	mg/kg	2.2	8.4	--	--
SW8081A	P,P'-DDE	mg/kg	1.9	8.2	--	--
SW8081A	P,P'-DDT	mg/kg	1.8	5.6	--	--
SW8081A	TOXAPHENE	mg/kg	0.48	1.8	10	--
SW6010B	ARSENIC	mg/kg	24	95	100	2.7
SW6010B	BARIUM	mg/kg	1,000	2,500	2,000	97 J
SW6010B	CADMIUM	mg/kg	14	72	20	0.72 J
SW6010B	CHROMIUM, TOTAL	mg/kg	1,100	1,145	100	34.2 J
SW6010B	LEAD	mg/kg	200	800	100	40.8 J
SW6010B	SELENIUM	mg/kg	78	1,022	20	0.82 J
SW6010B	SILVER	mg/kg	78	1,022	100	0.11 U
SW7471A	MERCURY	mg/kg	4.7	61	4.0	0.01 U

TABLE 3-3. Soil Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Vertical DU Layer	DS01-S001A	DS01-S001B	DS01-S001C	DS01-S001D	DS01-S001E
		Sample ID	DS01-S001A-0820	DS01-S001B-0820	DS01-S001C-0820	DS01-S001D-0820	DS01-S001E-0820
		Sample Depth	0-1 ft bgs	1-2 ft bgs	2-3 ft bgs	3-4 ft bgs	4-5 ft bgs
		Sample Date	17-Aug-20	17-Aug-20	21-Aug-20	21-Aug-20	21-Aug-20
Method	Chemical	Unit	HDOH Unrestricted Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)	TCLP X20 Limit		

Notes:

Technical chlordane EAL was used for chlordane (alpha and gamma).

TCLP limits are based on the X20 rule (that is, total concentrations 20X higher than RCRA action levels).

bgs = below ground surface

DU = decision unit

DWT = drinking water threatened

DWNT = drinking water not threatened

EAL = environmental action level

ft bgs = feet below ground surface

HDOH = State of Hawaii Department of Health

ID = identification

J = Estimated result.

m = meter(s)

mg/kg = milligram(s) per kilogram

MDL = method detection limit

RCRA = Resource Conservation and Recovery Act

SW = surface water

TCLP = toxicity characteristic leaching procedure

TPH-d = total petroleum hydrocarbons, diesel range organics

TPH-g = total petroleum hydrocarbons, gasoline range organics

TPH-o = total petroleum hydrocarbons, oil range organics

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the sample-specific MDL.

Bold = detected result

Shade/bold in indicates detected result exceeds most stringent EAL action level.

Shade/bold in indicates detected result exceeds both unrestricted and C/I screening level.

Boxed indicates detected results exceeds TCLP X20 limit.

TABLE 3-4. Relative Standard Deviations for Soil Replicate Sample Sets
Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

Analyte	Units	Location ID		DS01-S001F		DS01-S001F		DS01-S001F		DS02-S001E		DS02-S001E		DS02-S001E		Data Precision Evaluation
		Sample ID	DS01-S001F-0820	DS01-S101F-0820	DS01-S201F-0820	DS02-S001E-0820	DS02-S101E-0820	DS02-S201E-0820	STD	MEAN	RSD	STD	MEAN	RSD		
		Sample Depth (feet bgs)	5-6 ft bgs	5-6 ft bgs	5-6 ft bgs	4-5 ft bgs	4-5 ft bgs	4-5 ft bgs								
		Sample Date	21-Aug-20	21-Aug-20	21-Aug-20	20-Aug-20	20-Aug-20	20-Aug-20								
HDOH EAL																
		Unrestricted Tier 1 (DWT, <150m)	Site-specific (DWNT, >150m)													
PCE	mg/kg	24	95	10	10	0.32	5.59	6.77	83%	13	19	12	3.79	14.67	26%	
TPH-g	mg/kg	1,000	2,500	0.042	0.067	0.025	0.02	0.04	47%	0.17	0.26	0.22	0.05	0.22	21%	
TPH-d	mg/kg	14	72	140	63	48	49.36	83.67	59%	140	130	200	37.86	156.67	24%	
TPH-o	mg/kg	1,100	1,145	520	270	180	176.16	323.33	54%	450	330	710	194.25	496.67	39%	
1-METHYLNAPHTHALENE	mg/kg	200	800	0.024	0.024	0.024	NA	NA	NA	0.12	0.079	0.16	0.04	0.12	34%	
2-METHYLNAPHTHALENE	mg/kg	--	--	0.021	0.021	0.021	NA	NA	NA	0.11	0.1	0.19	0.05	0.13	37%	
ACENAPHTHENE	mg/kg	120	118	0.024	0.024	0.024	NA	NA	NA	0.3	0.28	0.91	0.36	0.50	72%	
ACENAPHTHYLENE	mg/kg	5.5	5.5	0.021	0.021	0.021	NA	NA	NA	0.49	0.17	1.2	0.53	0.62	85%	
ANTHRACENE	mg/kg	4.2	4.2	0.019	0.019	0.019	NA	NA	NA	1.3	0.82	4.1	1.77	2.07	85%	
BENZO(A)ANTHRACENE	mg/kg	10	10	0.063	0.04	0.043	0.01	0.05	26%	5.9	2	23	11.17	10.30	108%	
BENZO(A)PYRENE	mg/kg	3.6	5.9	0.057	0.033	0.036	0.01	0.04	31%	13	3.9	34	15.44	16.97	91%	
BENZO(B)FLUORANTHENE	mg/kg	11	68	0.08	0.055	0.056	0.01	0.06	22%	16	4.6	44	20.27	21.53	94%	
BENZO(G,H,I)PERYLENE	mg/kg	35	35	0.049	0.042	0.035	0.01	0.04	17%	14	4.3	29	12.44	15.77	79%	
BENZO(K)FLUORANTHENE	mg/kg	39	39	0.037	0.024	0.024	NA	NA	NA	4.5	1.5	9.7	4.15	5.23	79%	
CHRYSENE	mg/kg	30	30	0.056	0.031	0.036	0.01	0.04	32%	5.7	1.8	19	9.02	8.83	102%	
DIBENZ(A,H)ANTHRACENE	mg/kg	1.1	18	0.021	0.022	0.021	0.00	0.02	3%	2.5	0.69	5	2.16	2.73	79%	
FLUORANTHENE	mg/kg	87	87	0.074	0.043	0.049	0.02	0.06	30%	11	4.4	50	24.64	21.80	113%	
FLUORENE	mg/kg	93	93	0.024	0.024	0.024	NA	NA	NA	0.17	0.15	0.56	0.23	0.29	79%	
INDENO(1,2,3-C,D)PYRENE	mg/kg	11	31	0.041	0.035	0.034	0.00	0.04	10%	11	3.1	23	10.02	12.37	81%	
NAPHTHALENE	mg/kg	3.1	3.1	0.021	0.021	0.021	0.00	0.02	0%	0.63	0.31	1.2	0.45	0.71	63%	
PHENANTHRENE	mg/kg	69	69	0.033	0.026	0.03	0.00	0.03	12%	3.9	2.5	14	6.27	6.80	92%	
PYRENE	mg/kg	44	44	0.072	0.043	0.053	0.01	0.06	26%	11	4	51	25.36	22.00	115%	
Arsenic	mg/kg	24	95	6.2	5.8	6.5	0.35	6.17	6%	9.5	9.9	10.6	0.56	10.00	6%	
Barium	mg/kg	1,000	2,500	256	241	204	26.76	233.67	11%	171	186	196	12.58	184.33	7%	
Cadmium	mg/kg	14	72	0.2	0.24	0.2	0.02	0.21	11%	0.06	0.13	0.14	0.04	0.11	40%	
Chromium, total	mg/kg	1,100	1,145	89	85.3	90.4	2.64	88.23	3%	89.1	97	104	7.45	96.70	8%	
Lead	mg/kg	200	800	130	146	83.2	32.63	119.73	27%	121	182	261	70.19	188.00	37%	
Silver	mg/kg	78	1,022	0.47	1.7	0.65	0.66	0.94	71%	0.1	0.1	0.1	0.00	0.10	0%	
Mercury	mg/kg	4.7	61	0.32	0.37	0.33	0.03	0.34	8%	0.41	0.41	0.27	0.08	0.36	22%	

Notes:

bgs = below ground surface
DWT = drinking water threatened
DWNT = drinking water not threatened
EAL = environmental action level
HDOH = State of Hawaii Department of Health

ID = identification
m = meter(s)
mg/kg = milligram(s) per kilogram
NA = not applicable (one or more results are non detects)

SW = surface water
TCLP = toxicity characteristic leaching procedure
TPH-d = total petroleum hydrocarbons, diesel range
TPH-o = total petroleum hydrocarbons, oil range

Bold = detected result

"Non bold characters" show non detected results (with number representing the reporting limit)

Shade/bold indicates detected result exceeds most stringent EAL action level.

Shade/bold indicates detected result exceeds both unrestricted and C/I screening level.

Boxed indicates detected results exceeds TCLP X20 limit.

TABLE 3-5. TCLP Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU	DS01	DS02	DS03
		Sample ID	DS01 Composite ^b	DS02 Composite ^c	DS03 Composite ^d
		Sample Date			
TCLP Regulatory					
Method	Analyte	Units	Standard ^a		
SW6010B	Chromium Total-TCLP	mg/L		NA	0.0014 U
SW6010B	Lead-TCLP	mg/L	5	0.0048 J	0.002 U

Notes:

^a Maximum concentration of chemical for toxicity characteristics (RCRA D List)

^b Composited from the following samples DS01-S001A-0820, DS01-S001B-0820, DS01-S001C-0820, DS01-S001D-0820, DS01-S001E-0820, and DS01-S101F-0820

^c Composited from the following samples DS02-S001C-0820, DS02-S201E-0820, DS02-S001F-0820, and DS02-S001G-0820

^d Composited from the following samples DSCOL-S001A-0820 and DSCOL-S001B-0820

DU = decision unit

ID = identification

J = Estimated result.

mg/L = milligram(s) per liter

NA = not analyzed (that is, normal samples did not exceed TCLP 20x rule.

RCRA = Resource Conservation and Recovery Act

TCLP = toxicity characteristic leaching procedure

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the sample-specific MDL.

Bold = detected result

TABLE 3-6. Groundwater Analytical Summary*Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii*

		Method Group									
DU-Well	Sample ID	Sample Date	Metals SW6020A	Mercury SW7470A	TPHs SW8015B	Pesticides SW8081A	PCBs SW8082	Herbicides SW8151A	VOCs SW8260C ^a	SVOCs SW8270D	PAHs SW8270-SIM
DS01-MW02	DS-MW02-0820	31-Aug-20	X	X	X	X	X	X	X	X	X
DS02-MW03	DS-MW03-0820	31-Aug-20	X	X	X	X	X	X	X	X	X
DS02-MW03	DS-MW103-0820	31-Aug-20	X	X	X	X	X	X	X	X	X
DS02-MW06	DS-MW06-0820	31-Aug-20	X	X	X	X	X	X	X	X	X
DS03-TW01	DS-TW01-0820	31-Aug-20	X	X	X	X	X	X	X	X	X

Notes:

a - VOC samples (Method SW8260C) collected on October 13, 2020.

DU = decision unit

ID = identification

PAHs = polynuclear aromatic hydrocarbons

PCBs = polychlorinated biphenyls

SVOCs = semi-volatile organic compounds

TPHs = total petroleum hydrocarbons

VOCs = volatile organic compounds

TABLE 3-7. Groundwater Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

			DU-Well	DS01-MW02	DS02-MW03	DS02-MW03	DS02-MW06	DS03-TW01	
			Sample Date ^a	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	
			Sample Depth (feet bgs)	8.0	8.0	8.0	7.0	10.0	
			Sample Type	N	N	FD	N	N	
			HDOH Unrestricted						
Method	Chemical	Units	Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)					
SW8260C	1,1,1,2-TETRACHLOROETHANE	mg/L	0.61	11	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
SW8260C	1,1,1-TRICHLOROETHANE	mg/L	11	11	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SW8260C	1,1,2,2-TETRACHLOROETHANE	mg/L	0.078	200	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
SW8260C	1,1,2-TRICHLOROETHANE	mg/L	5	110	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260C	1,1-DICHLOROETHANE	mg/L	2.8	47	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	1,1-DICHLOROETHENE	mg/L	7	25	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SW8260C	1,1-DICHLOROPROPENE	mg/L	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260C	1,2,3-TRICHLOROBENZENE	mg/L	--	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SW8260C	1,2,3-TRICHLOROPROPANE	mg/L	0.6	14	0.39 U	0.39 U	0.39 U	0.39 UJ	0.39 U
SW8260C	1,2,4-TRICHLOROBENZENE	mg/L	70	110	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
SW8260C	1,2,4-TRIMETHYLBENZENE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	1,2-DIBROMO-3-CHLOROPROPANE	mg/L	0.04	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SW8260C	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	mg/L	0.04	19	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260C	1,2-DICHLOROBENZENE	mg/L	10	14	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	1,2-DICHLOROETHANE	mg/L	5	180	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SW8260C	1,2-DICHLOROPROPANE	mg/L	5	100	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	mg/L	--	--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SW8260C	1,3-DICHLOROBENZENE	mg/L	5	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
SW8260C	1,3-DICHLOROPROPANE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	1,4-DICHLOROBENZENE	mg/L	5	9.4	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	2,2-DICHLOROPROPANE	mg/L	--	--	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
SW8260C	2-CHLOROTOLUENE	mg/L	--	--	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SW8260C	2-HEXANONE	mg/L	--	--	0.92 U	0.92 U	0.92 U	0.92 UJ	0.92 U
SW8260C	4-CHLOROTOLUENE	mg/L	--	--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
SW8260C	ACETONE	mg/L	1,500	1,500	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
SW8260C	BENZENE	mg/L	5	71	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	BROMOBENZENE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	BROMOCHLOROMETHANE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	BROMODICHLOROMETHANE	mg/L	0.14	110	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SW8260C	BROMOFORM	mg/L	80	230	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SW8260C	BROMOMETHANE	mg/L	7.6	16	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U
SW8260C	CARBON DISULFIDE	mg/L	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260C	CARBON TETRACHLORIDE	mg/L	5	9.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8260C	CHLOROBENZENE	mg/L	25	25	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
SW8260C	CHLOROETHANE	mg/L	16	160	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
SW8260C	CHLOROFORM	mg/L	28	28	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SW8260C	CHLOROMETHANE	mg/L	190	190	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SW8260C	CIS-1,2-DICHLOROETHYLENE	mg/L	70	620	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	CIS-1,3-DICHLOROPROPENE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	DIBROMOCHLOROMETHANE	mg/L	0.93	34	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	DIBROMOMETHANE	mg/L	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260C	DICHLORODIFLUOROMETHANE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	ETHYLBENZENE	mg/L	7.3	7.3	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U

TABLE 3-7. Groundwater Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Well	DS01-MW02	DS02-MW03	DS02-MW03	DS02-MW06	DS03-TW01	
		Sample Date ^a	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	
		Sample Depth (feet bgs)	8.0	8.0	8.0	7.0	10.0	
		Sample Type	N	N	FD	N	N	
		HDOH Unrestricted						
Method	Chemical	Units	Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)				
SW8260C	HEXACHLOROBUTADIENE	mg/L	0.2	0.3	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	ISOPROPYLBENZENE (CUMENE)	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	M,P-XYLENE (SUM OF ISOMERS)	mg/L	13	13	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	METHYL ETHYL KETONE (2-BUTANONE)	mg/L	5,600	14,000	0.6 U	0.6 U	0.6 U	0.6 U
SW8260C	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	mg/L	170	170	1.9 U	1.9 U	1.9 U	1.9 U
SW8260C	METHYLENE CHLORIDE	mg/L	5	1,500	0.35 U	0.35 U	0.35 U	0.35 U
SW8260C	NAPHTHALENE	mg/L	12	12	0.25 U	0.25 U	0.25 U	0.25 U
SW8260C	N-BUTYLBENZENE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	N-PROPYLBENZENE	mg/L	--	--	0.21 U	0.21 U	0.21 U	0.21 U
SW8260C	O-XYLENE (1,2-DIMETHYLBENZENE)	mg/L	13	13	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	P-CYMENE (P-ISOPROPYLTOLUENE)	mg/L	--	--	0.12 U	0.12 U	0.12 U	0.12 U
SW8260C	SEC-BUTYLBENZENE	mg/L	--	--	0.12 U	0.12 U	0.12 U	0.12 U
SW8260C	STYRENE	mg/L	10	32	0.25 U	0.25 U	0.25 U	0.25 U
SW8260C	T-BUTYLBENZENE	mg/L	--	--	0.13 U	0.13 U	0.13 U	0.13 U
SW8260C	TERT-BUTYL METHYL ETHER	mg/L	5	730	0.26 U	0.26 U	0.26 U	0.26 U
SW8260C	TETRACHLOROETHYLENE(PCE)	mg/L	5	53	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TOLUENE	mg/L	9.8	9.8	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TOTAL XYLENES	mg/L	13	13	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TPH-g	mg/L	300	500	8.6 U	8.6 U	8.6 U	8.6 U
SW8260C	TRANS-1,2-DICHLOROETHENE	mg/L	100	560	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TRANS-1,3-DICHLOROPROPENE	mg/L	--	--	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TRICHLOROETHYLENE (TCE)	mg/L	5	47	0.15 U	0.15 U	0.15 U	0.15 U
SW8260C	TRICHLOROFLUOROMETHANE	mg/L	--	--	0.24 U	0.24 U	0.24 U	0.24 U
SW8260C	VINYL CHLORIDE	mg/L	2	18	0.15 U	0.15 U	0.15 U	0.15 U
SW8015B	TPH-o	mg/L	500	640	106 U	106 U	106 U	106 U
SW8015B	TPH-d	mg/L	400	640	25 U	25 U	25 U	25 U
SW8270D	1,2,4-TRICHLOROBENZENE	mg/L	70	110	1.3 U	1.3 U	1.3 U	1.3 U
SW8270D	1,2-DICHLOROBENZENE	mg/L	10	14	1.1 U	1.1 U	1.1 U	1.1 U
SW8270D	1,2-DIPHENYLHYDRAZINE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	1,3-DICHLOROBENZENE	mg/L	5	22	1 U	1 U	1 U	1 U
SW8270D	1,4-DICHLOROBENZENE	mg/L	5	9.4	1 U	1 U	1 U	1 U
SW8270D	2,4,5-TRICHLOROPHENOL	mg/L	1.9	1.9	2.3 U	2.3 U	2.3 U	2.3 U
SW8270D	2,4,6-TRICHLOROPHENOL	mg/L	4.9	4.9	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	2,4-DICHLOROPHENOL	mg/L	0.3	3	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	2,4-DIMETHYLPHENOL	mg/L	120	120	2.4 U	2.4 U	2.4 U	2.4 U
SW8270D	2,4-DINITROPHENOL	mg/L	14	14	1.8 U	1.8 U	1.8 U	1.8 U
SW8270D	2,4-DINITROTOLUENE	mg/L	0.25	9.1	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	2,6-DINITROTOLUENE	mg/L	0.052	81	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	2-CHLORONAPHTHALENE	mg/L	--	--	2 U	2 U	2 U	2 U
SW8270D	2-CHLOROPHENOL	mg/L	0.18	1.8	2 U	2 U	2 U	2 U
SW8270D	2-METHYLPHENOL (o-CRESOL)	mg/L	--	--	1.9 U	1.9 U	1.9 U	1.9 U
SW8270D	2-NITROANILINE	mg/L	--	--	2.4 U	2.4 U	2.4 U	2.4 U
SW8270D	2-NITROPHENOL	mg/L	--	--	2.1 U	2.1 U	2.1 U	2.1 U

TABLE 3-7. Groundwater Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Well	DS01-MW02	DS02-MW03	DS02-MW03	DS02-MW06	DS03-TW01		
		Sample Date ^a	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20		
		Sample Depth (feet bgs)	8.0	8.0	8.0	7.0	10.0		
		Sample Type	N	N	FD	N	N		
		HDOH Unrestricted							
Method	Chemical	Units	Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)					
SW8270D	3,3'-DICHLOROBENZIDINE	mg/L	0.17	4.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	3-,4-METHYLPHENOL	mg/L	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
SW8270D	3-NITROANILINE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	4,6-DINITRO-2-METHYLPHENOL	mg/L	--	--	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
SW8270D	4-BROMOPHENYL PHENYL ETHER	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	4-CHLORO-3-METHYLPHENOL	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	4-CHLOROANILINE	mg/L	0.39	19	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	4-CHLOROPHENYL PHENYL ETHER	mg/L	--	--	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
SW8270D	4-NITROANILINE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	4-NITROPHENOL	mg/L	--	--	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8270D	BENZOIC ACID	mg/L	--	--	1 U	1 U	1 U	1 U	1 U
SW8270D	BENZYL ALCOHOL	mg/L	--	--	2 U	2 U	2 U	2 U	2 U
SW8270D	BENZYL BUTYL PHTHALATE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	bis(2-CHLOROETHOXY) METHANE	mg/L	--	--	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
SW8270D	bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	mg/L	0.014	180	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
SW8270D	bis(2-CHLOROISOPROPYL) ETHER	mg/L	--	--	2 U	2 U	2 U	2 U	2 U
SW8270D	bis(2-ETHYLHEXYL) PHTHALATE	mg/L	3	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	DIBENZOFURAN	mg/L	--	--	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ
SW8270D	DIETHYL PHTHALATE	mg/L	210	210	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	DIMETHYL PHTHALATE	mg/L	1,100	1,100	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	DI-n-BUTYL PHTHALATE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	DI-n-OCTYLPHTHALATE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	HEXACHLOROBENZENE	mg/L	0.0003	0.0003	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	HEXACHLOROBUTADIENE	mg/L	0.2	0.3	0.9 U	0.9 U	0.9 U	0.9 UJ	0.9 U
SW8270D	HEXACHLOROETHANE	mg/L	0.4	12	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8270D	ISOPHORONE	mg/L	82	920	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	NITROBENZENE	mg/L	0.14	380	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
SW8270D	N-NITROSODIMETHYLAMINE	mg/L	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
SW8270D	N-NITROSODI-n-PROPYLAMINE	mg/L	--	--	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
SW8270D	N-NITROSODIPHENYLAMINE	mg/L	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	PENTACHLOROPHENOL	mg/L	1	7.9	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
SW8270D	PHENOL	mg/L	58	58	1 U	1 U	1 U	1 U	1 U
SW8270-SIM	1-METHYLNAPHTHALENE	mg/L	2.1	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	2-METHYLNAPHTHALENE	mg/L	4.7	4.7	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	ACENAPHTHENE	mg/L	15	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	ACENAPHTHYLENE	mg/L	13	13	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	ANTHRACENE	mg/L	0.02	0.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	BENZO(A)ANTHRACENE	mg/L	0.027	0.027	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	BENZO(A)PYRENE	mg/L	0.06	0.06	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	BENZO(B)FLUORANTHENE	mg/L	0.22	0.68	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	BENZO(G,H,I)PERYLENE	mg/L	0.13	0.13	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	BENZO(K)FLUORANTHENE	mg/L	0.4	0.4	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	CHRYSENE	mg/L	1	1	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

TABLE 3-7. Groundwater Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Well	DS01-MW02	DS02-MW03	DS02-MW03	DS02-MW06	DS03-TW01	
		Sample Date ^a	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	
		Sample Depth (feet bgs)	8.0	8.0	8.0	7.0	10.0	
		Sample Type	N	N	FD	N	N	
		HDOH Unrestricted						
Method	Chemical	Units	Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)				
SW8270-SIM	DIBENZ(A,H)ANTHRACENE	mg/L	0.022	0.8	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	FLUORANTHENE	mg/L	0.8	0.8	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	FLUORENE	mg/L	3.9	3.9	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	INDENO(1,2,3-C,D)PYRENE	mg/L	0.095	0.095	0.05 U	0.05 U	0.05 U	0.05 U
SW8270-SIM	NAPHTHALENE	mg/L	12	12	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	PHENANTHRENE	mg/L	2.3	2.3	0.04 U	0.04 U	0.04 U	0.04 U
SW8270-SIM	PYRENE	mg/L	4.6	4.6	0.04 U	0.04 U	0.04 U	0.04 U
SW8082	PCB, TOTAL	mg/L	0.014	0.014	0.2 U	0.2 U	0.2 U	0.2 U
SW8082	PCB-1016 (AROCHLOR 1016)	mg/L	0.014	0.014	0.12 U	0.12 U	0.12 U	0.12 U
SW8082	PCB-1221 (AROCHLOR 1221)	mg/L	0.014	0.014	0.08 U	0.08 U	0.08 U	0.08 U
SW8082	PCB-1232 (AROCHLOR 1232)	mg/L	0.014	0.014	0.12 U	0.12 U	0.12 U	0.12 U
SW8082	PCB-1242 (AROCHLOR 1242)	mg/L	0.014	0.014	0.12 U	0.12 U	0.12 U	0.12 U
SW8082	PCB-1248 (AROCHLOR 1248)	mg/L	0.014	0.014	0.09 U	0.09 U	0.09 U	0.09 U
SW8082	PCB-1254 (AROCHLOR 1254)	mg/L	0.014	0.014	0.12 U	0.12 U	0.12 U	0.12 U
SW8082	PCB-1260 (AROCHLOR 1260)	mg/L	0.014	0.014	0.09 U	0.09 U	0.09 U	0.09 U
SW8082	PCB-1262 (AROCHLOR 1262)	mg/L	0.014	0.014	0.2 U	0.2 U	0.2 U	0.2 U
SW8082	PCB-1268 (AROCHLOR 1268)	mg/L	0.014	0.014	0.2 U	0.2 U	0.2 U	0.2 U
SW8081A	ALDRIN	mg/L	0.00014	0.00014	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ALPHA ENDOSULFAN	mg/L	0.0087	0.0087	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ALPHA-CHLORDANE	mg/L	0.004	0.004	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	BETA ENDOSULFAN	mg/L	0.0087	0.0087	0.004 U	0.004 U	0.004 U	0.004 U
SW8081A	CHLORDANE	mg/L	--	--	0.015 U	0.015 U	0.015 U	0.015 U
SW8081A	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	DIELDRIN	mg/L	0.0019	0.0019	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ENDOSULFAN SULFATE	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ENDRIN	mg/L	0.0023	0.0023	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ENDRIN ALDEHYDE	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	ENDRIN KETONE	mg/L	--	--	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	GAMMA BHC (LINDANE)	mg/L	0.063	0.063	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	GAMMA-CHLORDANE	mg/L	0.004	0.004	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	HEPTACHLOR	mg/L	0.0036	0.0036	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	HEPTACHLOR EPOXIDE	mg/L	0.0036	0.0036	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	HEXACHLOROBENZENE	mg/L	0.0003	0.0003	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	METHOXYCHLOR	mg/L	0.03	0.03	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	P,P'-DDD	mg/L	0.011	0.011	0.003 U	0.003 U	0.003 U	0.003 U
SW8081A	P,P'-DDE	mg/L	0.046	0.41	0.004 U	0.004 U	0.004 U	0.004 U
SW8081A	P,P'-DDT	mg/L	0.001	0.001	0.005 U	0.005 U	0.005 U	0.005 U
SW8081A	TOXAPHENE	mg/L	0.0002	0.0002	0.2 U	0.2 U	0.2 U	0.2 U
SW8151A	2,4 DB	mg/L	--	--	0.23 U	0.23 U	0.23 U	0.23 U
SW8151A	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	mg/L	200	690	0.029 U	0.029 U	0.029 U	0.029 U
SW8151A	2,4-D (DICHLOROPHENOXYACETIC ACID)	mg/L	70	70	0.152 U	0.152 U	0.152 U	0.152 U

TABLE 3-7. Groundwater Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		DU-Well	DS01-MW02	DS02-MW03	DS02-MW03	DS02-MW06	DS03-TW01		
		Sample Date ^a	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20	31-Aug-20		
		Sample Depth (feet bgs)	8.0	8.0	8.0	7.0	10.0		
		Sample Type	N	N	FD	N	N		
		HDOH Unrestricted							
Method	Chemical	Units	Tier 1 EAL (DWT_SW<150m)	HDOH Site-Specific EAL (DWNT, SW<150m)					
SW8151A	DALAPON	mg/L	200	300	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
SW8151A	DICAMBA	mg/L	--	--	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U
SW8151A	DICHLOROPROP	mg/L	--	--	0.161 U	0.161 U	0.161 U	0.161 U	0.161 U
SW8151A	DINOSEB	mg/L	--	--	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
SW8151A	MCPA	mg/L	--	--	25.4 U	25.4 U	25.4 U	25.4 U	25.4 U
SW8151A	MCPP	mg/L	--	--	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U
SW8151A	SILVEX (2,4,5-TP)	mg/L	30	30	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
SW6020A	ARSENIC	mg/L	10	36	2 J	2.7 J	2.6 J	1.9 J	3.7 J
SW6020A	BARIUM	mg/L	220	220	71.7 J	80.5 J	81 J	69.3 J	98.7 J
SW6020A	CADMIUM	mg/L	3	3	0.29 J	0.05 U	0.05 U	0.082 J	0.072 J
SW6020A	CHROMIUM, TOTAL	mg/L	11	11	0.48 U	0.45 U	0.45 U	0.59 U	0.65 U
SW6020A	LEAD	mg/L	5.6	5.6	0.19 U	0.19 U	0.19 U	0.19 UJ	0.32 J
SW6020A	SELENIUM	mg/L	5	5	1.4 U	1.5 U	1.4 U	1.8 U	1.9 U
SW6020A	SILVER	mg/L	0.1	0.1	0.054 U	0.034 U	0.044 U	0.03 U	0.1 U
SW7470A	MERCURY	mg/L	0.025	0.025	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U

Notes:

Notes:

- a - VOC samples (Method SW8260C) taken on October 13, 2020.
- µg/L = microgram(s) per liter
- bgs = below ground surface
- DU = decision unit
- DWT = drinking water threatened
- DWNT = drinking water not threatened
- EAL = environmental action level
- FD = field duplicate
- HDOH = State of Hawaii Department of Health
- ID = identification
- J = Estimated result.
- m = meter(s)
- MDL = method detection limit
- mg/L = milligram(s) per liter
- N = normal
- SW = surface water
- TPH-d = total petroleum hydrocarbons, diesel range
- TPH-g = total petroleum hydrocarbons, gasoline range
- TPH-o = total petroleum hydrocarbons, oil range
- U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the sample-specific MDL.
- Technical chlordane EAL was used chlordane (alpha and gamma).
- Bold** = detected result

TABLE 3-8. Soil Vapor Analytical Summary*Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii*

DU-Soil		QA/QC		Method Group		
Vapor Point	Native ID	Type	Sample Date	VOCs TO-15	TPH-g TO-3	Methane D1945
DS01-SG01	DS-SG01-0920	N	04-Sep-20	X	X	X
DS01-SG01	DS-SG101-0920	N	04-Sep-20	X	X	X
DS01-SG02	DS-SG02-0920	N	04-Sep-20	X	X	X

Notes:

DU = decision unit

ID = identification

N = normal (that is, normal sample, not a QA/QC sample)

QA/QC = quality assurance/quality control

TPH-g = total petroleum hydrocarbons, gasoline range

VOCs = volatile organic compounds

TABLE 3-9. Soil Vapor Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

			Sample Location	SG01	SG01	SG02	
			Samples ID	DS-SG01-0920	DS-SG101-0920	DS-SG02-0920	
			Sample Depth (feet bgs)	3.5 - 4.5	3.5 - 4.5	3.5 - 4.5	
			Sample Date	9/4/2020	9/4/2020	9/4/2020	
HDOH Unrestricted							
Method	Chemical	Units	Tier 1 EAL (residential)	HDOH site-specific EAL (commercial/industrial)			
TO-15	1,1,1-TRICHLOROETHANE	µg/m ³	2,100,000	18,000,000	9.7 U	11 U	11 U
TO-15	1,1,2,2-TETRACHLOROETHANE	µg/m ³	97	850	9.7 U	11 U	11 U
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	1,1,2-TRICHLOROETHANE	µg/m ³	83	700	9.7 U	11 U	11 U
TO-15	1,1-DICHLOROETHANE	µg/m ³	3,500	31,000	9.9 U	11 U	12 U
TO-15	1,1-DICHLOROETHENE	µg/m ³	83,000	700,000	9.7 U	11 U	11 U
TO-15	1,2,4-TRICHLOROBENZENE	µg/m ³	830	7,000	9.7 U	11 U	11 U
TO-15	1,2,4-TRIMETHYLBENZENE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	1,2-DIBROMO-3-CHLOROPROPANE	µg/m ³	0.34	8.2	9.5 U	10 U	11 U
TO-15	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	µg/m ³	9.4	82	9.7 U	11 U	11 U
TO-15	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (CFC 114)	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	1,2-DICHLOROBENZENE	µg/m ³	83,000	700,000	9.7 U	11 U	11 U
TO-15	1,2-DICHLOROETHANE	µg/m ³	220	1,900	9.7 U	11 U	11 U
TO-15	1,2-DICHLOROPROPANE	µg/m ³	1,500	13,000	9.7 U	11 U	11 U
TO-15	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	1,3-BUTADIENE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	1,3-DICHLOROBENZENE	µg/m ³	50,000	420,000	9.7 U	11 U	11 U
TO-15	1,4-DICHLOROBENZENE	µg/m ³	510	4,500	9.7 U	11 U	11 U
TO-15	1,4-DIOXANE (P-DIOXANE)	µg/m ³	1,100	9,800	9.7 U	11 U	11 U
TO-15	2-HEXANONE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	4-ETHYLTOLUENE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	ACETONE	µg/m ³	13,000,000	110,000,000	95 U	100 U	110 U
TO-15	ACETONITRILE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	ACROLEIN	µg/m ³	--	--	18 U	20 U	21 U
TO-15	ACRYLONITRILE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	alpha-Pinene	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	BENZENE	µg/m ³	720	6,300	9.5 U	10 U	11 U
TO-15	BENZYL CHLORIDE	µg/m ³	--	--	20 U	22 U	23 U
TO-15	BROMODICHLOROMETHANE	µg/m ³	150	1,300	9.7 U	11 U	11 U
TO-15	BROMOFORM	µg/m ³	5,100	45,000	9.7 U	11 U	11 U
TO-15	BROMOMETHANE	µg/m ³	2,100	18,000	9.7 U	11 U	11 U
TO-15	CARBON DISULFIDE	µg/m ³	--	--	20 U	22 U	23 U
TO-15	CARBON TETRACHLORIDE	µg/m ³	940	8,200	9.5 U	23	11 U

TABLE 3-9. Soil Vapor Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		Sample Location		SG01	SG01	SG02	
		Sample ID	DS-SG01-0920	DS-SG101-0920	DS-SG02-0920		
		Sample Depth (feet bgs)	3.5 - 4.5	3.5 - 4.5	3.5 - 4.5		
		Sample Date	9/4/2020	9/4/2020	9/4/2020		
HDOH Unrestricted							
Method	Chemical	Units	Tier 1 EAL (residential)	HDOH site-specific EAL (commercial/industrial)			
TO-15	CHLOROBENZENE	µg/m ³	21,000	180,000	9.7 U	11 U	11 U
TO-15	CHLOROETHANE	µg/m ³	4,200,000	35,000,000	9.7 U	11 U	11 U
TO-15	CHLOROFORM	µg/m ³	240	2,100	9.7 U	11 U	11 U
TO-15	CHLOROMETHANE	µg/m ³	38,000	320,000	9.5 U	10 U	11 U
TO-15	cis-1,2-DICHLOROETHYLENE	µg/m ³	3,300	28,000	9.5 U	10 U	11 U
TO-15	cis-1,3-DICHLOROPROPENE	µg/m ³	--	--	9.4 U	10 U	11 U
TO-15	CYCLOHEXANE	µg/m ³	--	--	20 U	22 U	23 U
TO-15	DIBROMOCHLOROMETHANE	µg/m ³	33,000	280,000	9.7 U	11 U	11 U
TO-15	DICHLORODIFLUOROMETHANE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	d-Limonene	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	ETHANOL	µg/m ³	--	--	94 U	100 U	110 U
TO-15	ETHYL ACETATE	µg/m ³	--	--	44	22 U	89
TO-15	ETHYLBENZENE	µg/m ³	22,000	200,000	9.7 U	11 U	11 U
TO-15	HEXACHLOROBUTADIENE	µg/m ³	260	2,200	9.5 U	10 U	11 U
TO-15	ISOPROPANOL	µg/m ³	--	--	38 U	41 U	45 U
TO-15	ISOPROPYLBENZENE (CUMENE)	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	m,p-Xylene	µg/m ³	42,000	350,000	20 U	22 U	23 U
TO-15	METHYL ETHYL KETONE (2-BUTANONE)	µg/m ³	2,100,000	18,000,000	20 U	22 U	23 U
TO-15	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/m ³	1,300,000	11,000,000	9.5 U	10 U	11 U
TO-15	METHYL METHACRYLATE	µg/m ³	--	--	20 U	22 U	23 U
TO-15	METHYLENE CHLORIDE	µg/m ³	200,000	2,100,000	9.5 U	10 U	11 U
TO-15	NAPHTHALENE	µg/m ³	1,300	11,000	9.4 U	10 U	11 U
TO-15	n-BUTYL ACETATE	µg/m ³	--	--	9.9 U	11 U	12 U
TO-15	n-HEPTANE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	N-HEXANE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	n-NONANE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	N-OCTANE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	n-PROPYLBENZENE	µg/m ³	--	--	9.7 U	11 U	11 U
TO-15	o-Xylene	µg/m ³	42,000	350,000	9.7 U	11 U	11 U
TO-15	PROPYLENE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	STYRENE	µg/m ³	420,000	3,500,000	9.5 U	10 U	11 U
TO-15	tert-BUTYL METHYL ETHER	µg/m ³	22,000	190,000	9.7 U	11 U	11 U
TO-15	TETRACHLOROETHYLENE(PCE)	µg/m ³	920	8,000	1,700	1,500	2,200
TO-15	TETRAHYDROFURAN	µg/m ³	--	--	9.9 U	11 U	12 U

TABLE 3-9. Soil Vapor Laboratory Results

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

		Sample Location	SG01	SG01	SG02		
		Samples ID	DS-SG01-0920	DS-SG101-0920	DS-SG02-0920		
		Sample Depth (feet bgs)	3.5 - 4.5	3.5 - 4.5	3.5 - 4.5		
		Sample Date	9/4/2020	9/4/2020	9/4/2020		
HDOH Unrestricted							
Method	Chemical	Units	Tier 1 EAL (residential)	HDOH site-specific EAL (commercial/industrial)			
TO-15	TOLUENE	µg/m ³	2,100,000	18,000,000	9.7 U	11 U	11 U
TO-15	TRANS-1,2-DICHLOROETHENE	µg/m ³	33,000	280,000	9.7 U	11 U	11 U
TO-15	TRANS-1,3-DICHLOROPROPENE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	TRICHLOROETHYLENE (TCE)	µg/m ³	830	7,000	11	11	14
TO-15	TRICHLOROFLUOROMETHANE	µg/m ³	--	--	9.5 U	10 U	11 U
TO-15	VINYL ACETATE	µg/m ³	--	--	97 U	110 U	110 U
TO-15	VINYL CHLORIDE	µg/m ³	340	11,000	9.7 U	11 U	11 U
D1945	METHANE	%V/V	--	--	0.14 U	0.18 U	0.19 U
TO-3	TPH-g	µg/m ³	590,000	4,900,000	26,000 U	32,000 U	34,000 U

Notes:

µg/m³ = microgram(s) per cubic meter

%V/V = percent by volume

bgs = below ground surface

DU = decision unit

EAL = environmental action level

HDOH = State of Hawaii Department of Health

ID = identification

MDL = method detection limit

TPH-g = total petroleum hydrocarbons, gasoline-range organics

U = The analyte was analyzed for, but not detected. The associated numerical value

is at or below the sample-specific MDL.

Bold = detected result

Yellow shade indicates detected result exceeds the HDOH unrestricted Tier 1 EAL.

Table 4-1. Environmental Hazard Evaluation - Soil

Phase II ESA Report for the Downtown Station Makai Lot, Honolulu, Oahu, Hawaii

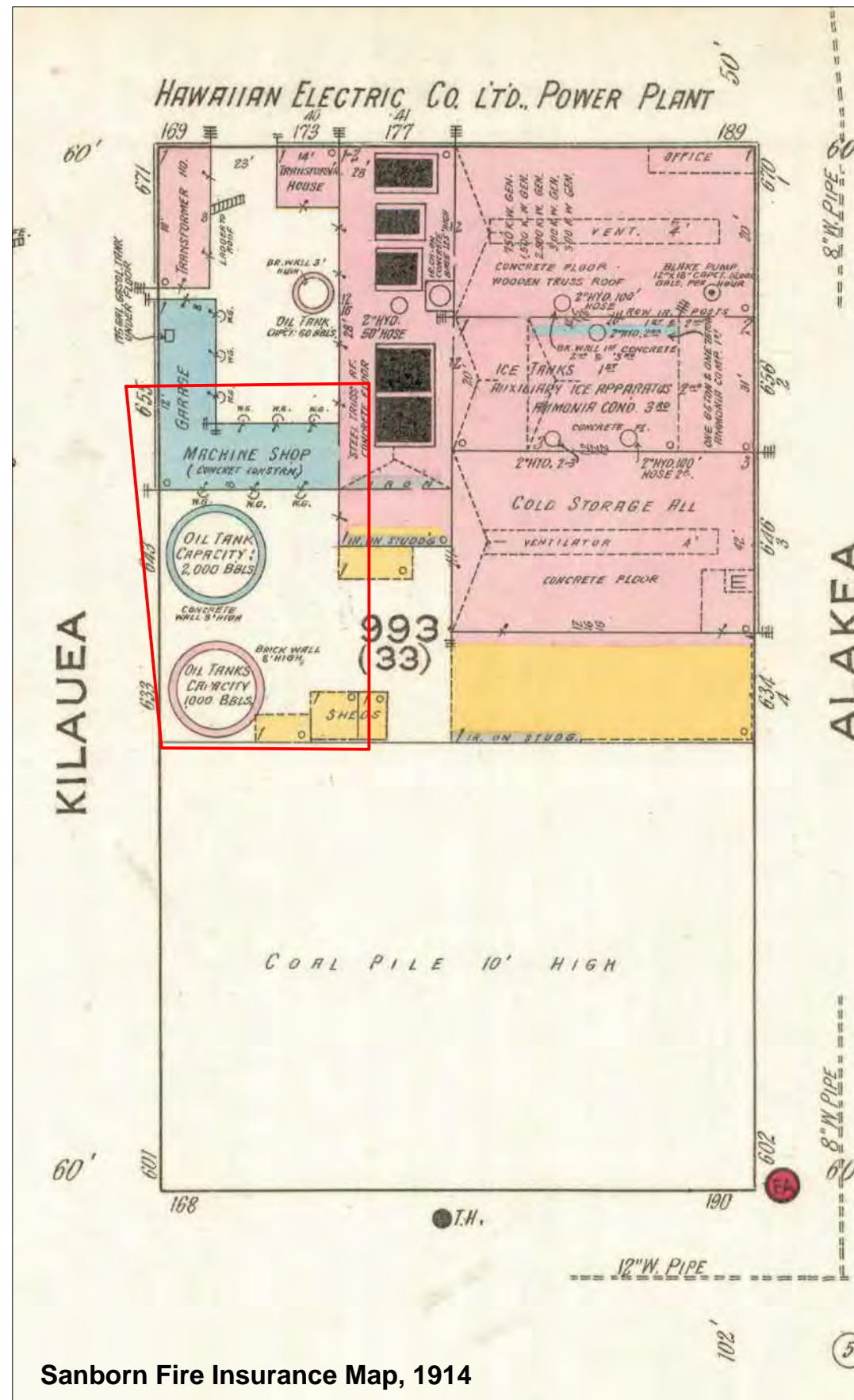
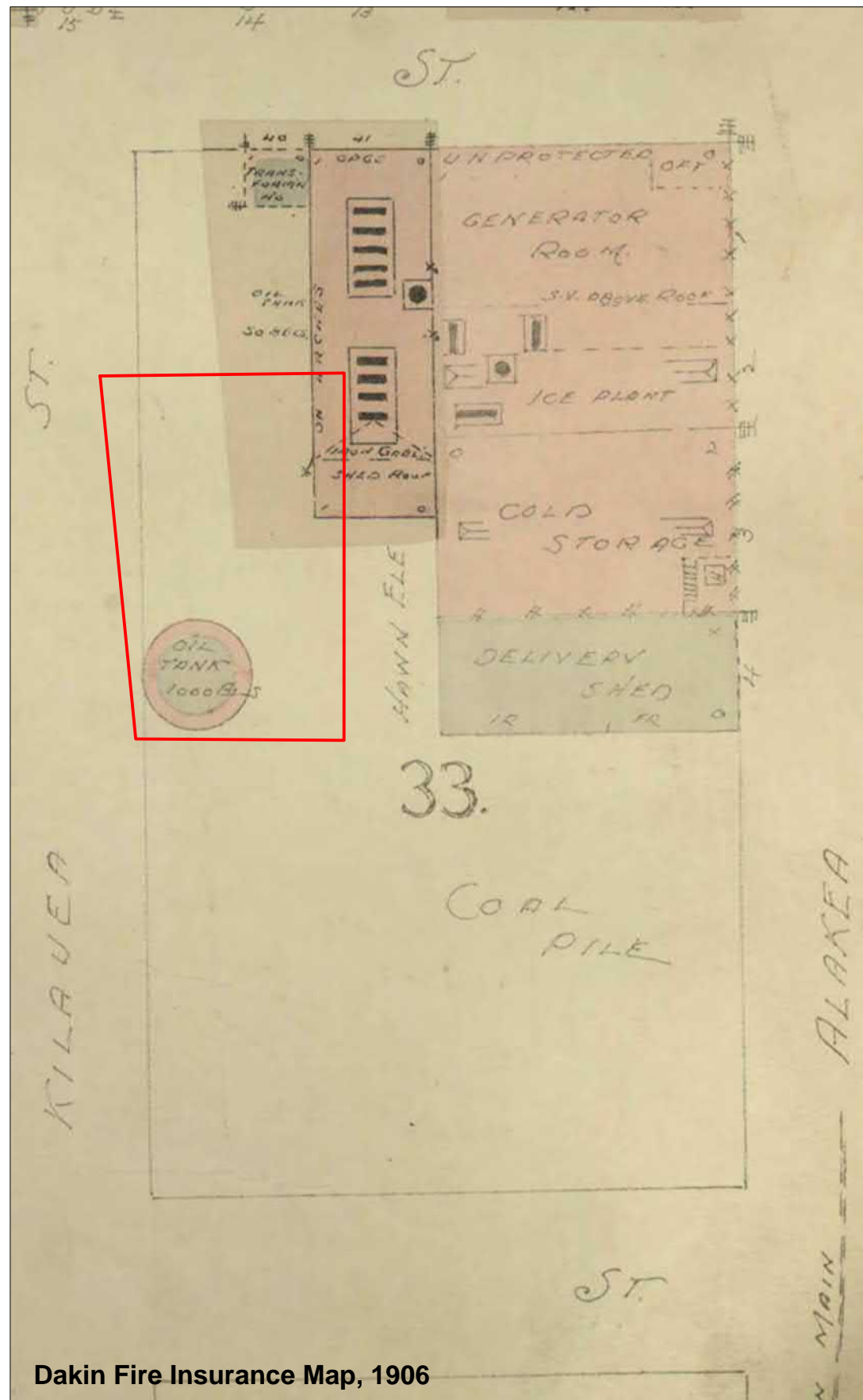
Sample ID	Sample Date	Sample Depth (feet bgs)	Chemical	Sample Result	Units	HDOH Unrestricted Land Use Scenario EALs ^a				HDOH C/I Tier 1 EALs ^b				HDOH Site-Specific Land Use Scenario EALs ^c				HDOH Construction Workers Scenario EAL	Natural Background Concentration
						Direct Exposure	Gross Contamination	Leaching	Vapor Intrusion to Indoor Air	Direct Exposure	Gross Contamination	Leaching	Vapor Intrusion to Indoor Air	Direct Exposure	Gross Contamination	Leaching	Vapor Intrusion to Indoor Air		
DU DS01																			
DS01-S001A-0820	17-Aug-20	0-1 ft bgs	TETRACHLOROETHYLENE	0.19	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS01-S001B-0820	17-Aug-20	1-2 ft bgs	TETRACHLOROETHYLENE	0.12	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS01-S001C-0820	21-Aug-20	2-3 ft bgs	TETRACHLOROETHYLENE	0.12	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS01-S001C-0820	21-Aug-20	2-3 ft bgs	TPH-d	250	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS01-S001E-0820	21-Aug-20	4-5 ft bgs	TPH-d	260	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS01-S002H-0820	21-Aug-20	7.5-9 ft bgs	TPH-d	3600	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS01-S001C-0820	21-Aug-20	2-3 ft bgs	TPH-o	1300	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS01-S001D-0820	21-Aug-20	3-4 ft bgs	TPH-o	660	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS01-S001E-0820	21-Aug-20	4-5 ft bgs	TPH-o	1300	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS01-S001F-0820	21-Aug-20	5-6 ft bgs	TPH-o	520	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS01-S002H-0820	21-Aug-20	7.5-9 ft bgs	TPH-o	6500	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS01-S002H-0820	21-Aug-20	7.5-9 ft bgs	1-METHYLNAPHTHALENE	2.1	mg/kg	170	500	0.89	390	450	1000	0.89	390	450	1000	0.89	390	450	NA
DS01-S001A-0820	17-Aug-20	0-1 ft bgs	LEAD	255	mg/kg	200	1,000	NA	NA	800	2500	NA	NA	800	2500	NA	NA	800	73
DU DS02																			
DS02-S002G-0820	20-Aug-20	6-7.5 ft bgs	1,2-DICHLOROETHANE	0.056	mg/kg	0.5	500	0.07	0.023	2.2	1,000	0.07	0.17	2.2	1,000	2.6	0.17	12	NA
DS02-S002G-0820	20-Aug-20	6-7.5 ft bgs	ACETONE	2.4	mg/kg	12,000	500	1	14,000	120,000	1,000	1	100,000	120,000	1,000	1	100,000	120,000	NA
DS02-S002H-0820	20-Aug-20	7.5-9 ft bgs	ACETONE	1.4	mg/kg	12,000	500	1	14,000	120,000	1,000	1	100,000	120,000	1,000	1	100,000	120,000	NA
DS02-S001C-0820	20-Aug-20	2-3 ft bgs	TETRACHLOROETHYLENE	0.11	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS02-S001E-0820	20-Aug-20	4-5 ft bgs	TETRACHLOROETHYLENE	0.17	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS02-S101E-0820	20-Aug-20	4-5 ft bgs	TETRACHLOROETHYLENE	0.26	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	TETRACHLOROETHYLENE	0.22	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS02-S001G-0820	20-Aug-20	6-7.5 ft bgs	TPH-d	310	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS02-S002G-0820	20-Aug-20	6-7.5 ft bgs	TPH-d	1400	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS02-S001H-0820	20-Aug-20	7.5-9 ft bgs	TPH-d	620	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS02-S002H-0820	20-Aug-20	7.5-9 ft bgs	TPH-d	4200	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	TPH-o	710	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S001F-0820	20-Aug-20	5-6 ft bgs	TPH-o	570	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S001G-0820	20-Aug-20	6-7.5 ft bgs	TPH-o	820	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S002G-0820	20-Aug-20	6-7.5 ft bgs	TPH-o	2400	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S001H-0820	20-Aug-20	7.5-9 ft bgs	TPH-o	1600	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S002H-0820	20-Aug-20	7.5-9 ft bgs	TPH-o	7400	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	BENZO(A)ANTHRACENE	23	mg/kg	11	500	10	NA	180	1,000	10	NA	180	1,000	10	NA	1,300	NA
DS02-S001E-0820	20-Aug-20	4-5 ft bgs	BENZO(A)PYRENE	13	mg/kg	3.6	500	5.9	NA	15	1,000	5.9	NA	15	1,000	5.9	NA	15	NA
DS02-S101E-0820	20-Aug-20	4-5 ft bgs	BENZO(A)PYRENE	3.9	mg/kg	3.6	500	5.9	NA	15	1,000	5.9	NA	15	1,000	5.9	NA	15	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	BENZO(A)PYRENE	34	mg/kg	3.6	500	5.9	NA	15	1,000	5.9	NA	15	1,000	5.9	NA	15	NA
DS02-S001E-0820	20-Aug-20	4-5 ft bgs	BENZO(B)FLUORANTHENE	16	mg/kg	11	500	21	NA	180	1,000	21	NA	180	1,000	68	NA	1,300	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	BENZO(B)FLUORANTHENE	44	mg/kg	11	500	21	NA	180	1,000	21	NA	180	1,000	68	NA	1,300	NA
DS02-S001E-0820	20-Aug-20	4-5 ft bgs	DIBENZ(A,H)ANTHRACENE	2.5	mg/kg	1.1	500	29	NA	18	1,000	29	NA	18	1,000	250	NA	130	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	DIBENZ(A,H)ANTHRACENE	5	mg/kg	1.1	500	29	NA	18	1,000	29	NA	18	1,000	250	NA	130	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	INDENO(1,2,3-C,D)PYRENE	23	mg/kg	11	500	31	NA	180	1,000	31	NA	180	1,000	31	NA	1,300	NA
DS02-S002H-0820	20-Aug-20	7.5-9 ft bgs	1-METHYLNAPHTHALENE	3.7	mg/kg	170	500	0.89	390	450	1000	0.89	390	450	1000	0.89	390	450	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	PYRENE	51	mg/kg	360	500	44	44	3,900	1,000	44	44	3,900	1,000	44	44	7,700	NA
DS02-S201E-0820	20-Aug-20	4-5 ft bgs	LEAD	261	mg/kg	200	1000	NA	NA	800	2500	NA	NA	800	2500	NA	NA	800	73
DU DS03																			
DSCOL-S001A-0820	19-Aug-20	0-10 ft bgs	TETRACHLOROETHYLENE	0.45	mg/kg	1.1	170	0.64	0.098	5	170	0.64	0.72	5	170	6.8	0.72	27	NA
DS03-S002H-0820	20-Aug-20	7.5-9 ft bgs	TPH-d	2800	mg/kg	220	500	940	NA	680	680	940	NA	680	680	1,500	NA	680	NA
DS03-S002H-0820	20-Aug-20	7.5-9 ft bgs	TPH-o	4400	mg/kg	9,400	500	1,000	NA	120,000	2,500	1,000	NA	120,000	2,500	1,500	NA	270,000	NA
DS03-S002H-0820	20-Aug-20	7.5-9 ft bgs	1-METHYLNAPHTHALENE	20	mg/kg	170	500	0.89	390	450	1000	0.89	390	450	1000	0.89	390	450	NA
DS03-S002H-0820	20-Aug-20	7.5-9 ft bgs	NAPHTHALENE	6.8	mg/kg	28	500	3.1	7	96	1,000	3.1	58	96	1,000	3.1	58	96	NA
DS03-S002H-0820	20-Aug-20	7.5-9 ft bgs	NAPHTHALENE	7.5	mg/kg	28	500	3.1	7	96	1,000	3.1	58	96	1,000	3.1	58	96	NA

Notes
a - EALs for unrestricted use/residential sites located less than 150 meters from surface water, where drinking water is.
b - EALs for commercial/industrial sites located less than 150 meters from surface water, where drinking water is threatened.
c - EALs for commercial/industrial sites located less than 150 meters from surface water, where drinking water is not threatened.

bgs = below ground surface EAL = environmental action level mg/kg = milligram(s) per kilogram TPH-d = total petroleum hydrocarbons, diesel range
C/I = commercial/industrial ft = feet NA = not applicable TPH-o = total petroleum hydrocarbons, oil range
DU = decision unit HDOH = State of Hawaii Department of Health

Appendix A
Site Historical Information and
Aerial Photographs

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LEGEND

 Approximate site boundary

Notes:

Source: Maps, Aerial Photographs, and GIS (MAGIS), University of Hawaii at Manoa Library.



APPROXIMATE GRAPHIC SCALE

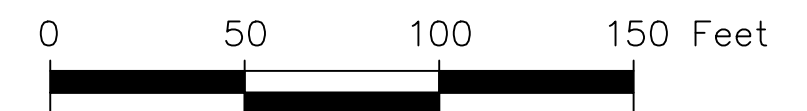
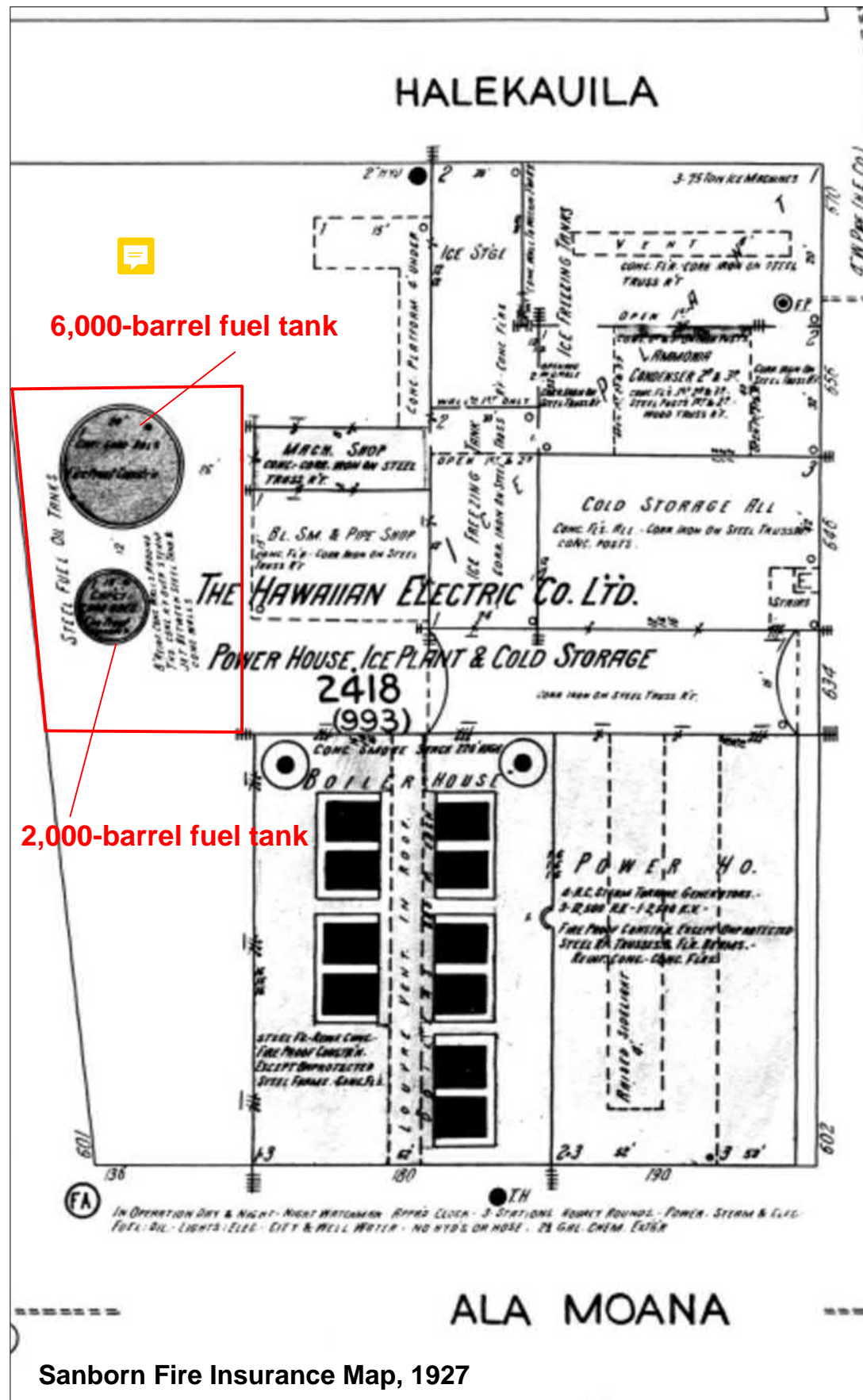
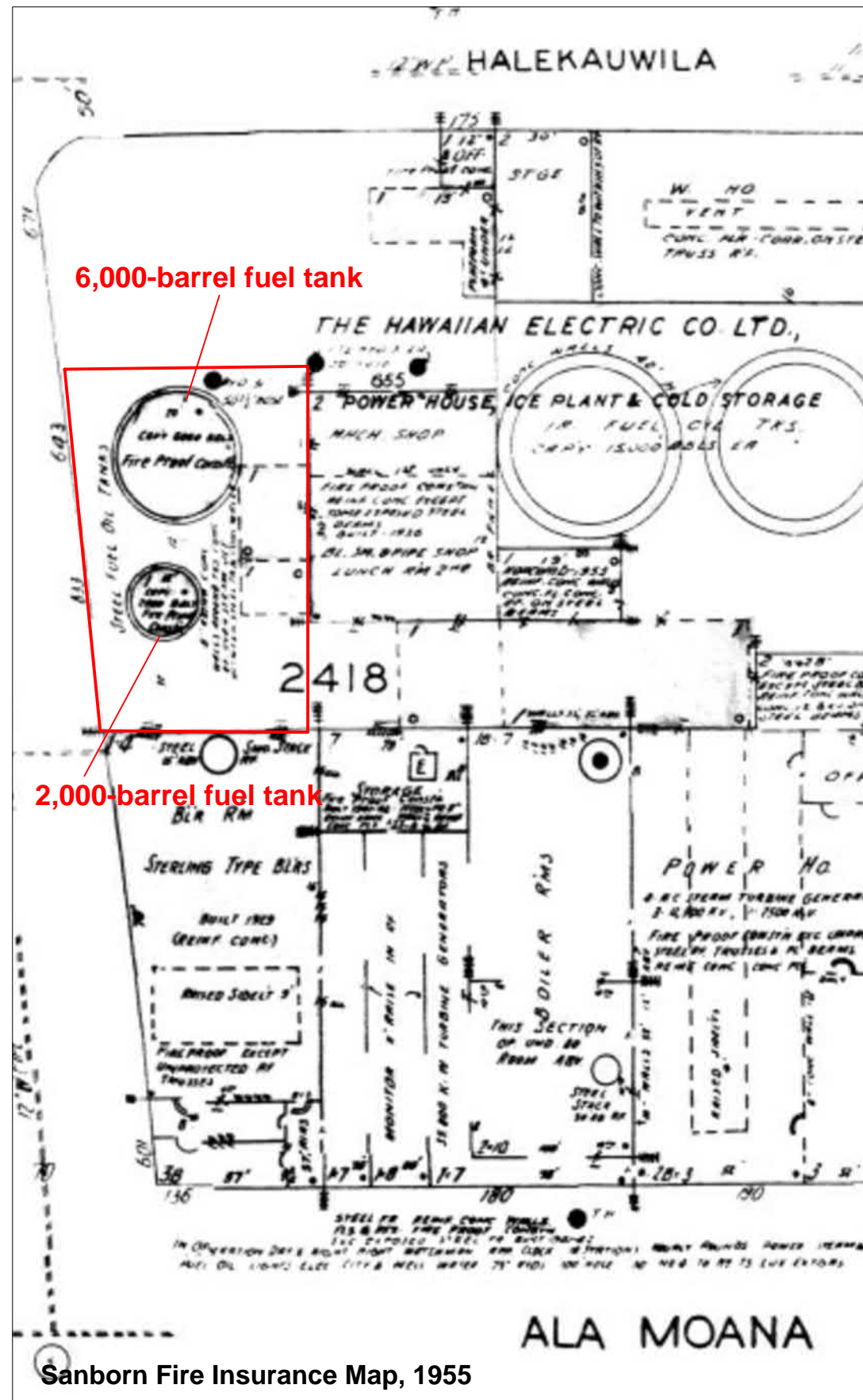


FIGURE A-1
Historical Fire Insurance Maps 1906-1914
Phase II Environmental Site Assessment Report for the Downtown Station, Makai Lot Honolulu, Oahu, Hawaii



Sanborn Fire Insurance Map, 1927



Sanborn Fire Insurance Map, 1955

LEGEND

 Approximate site boundary

Notes:
Source: Environmental Data Resources, Inc., 2020.

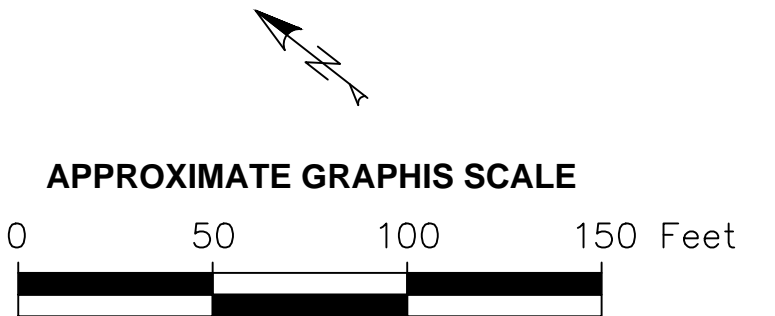
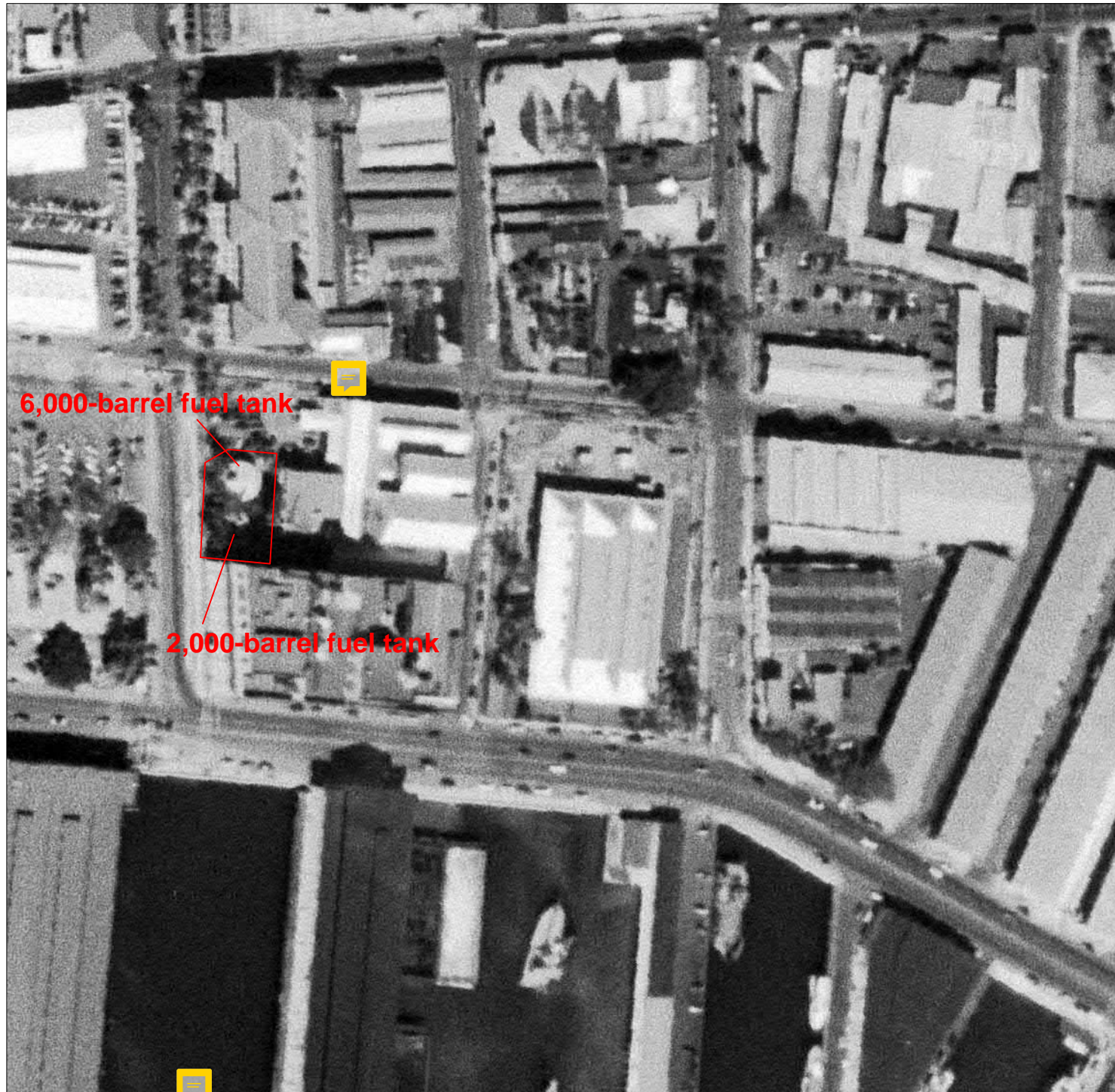
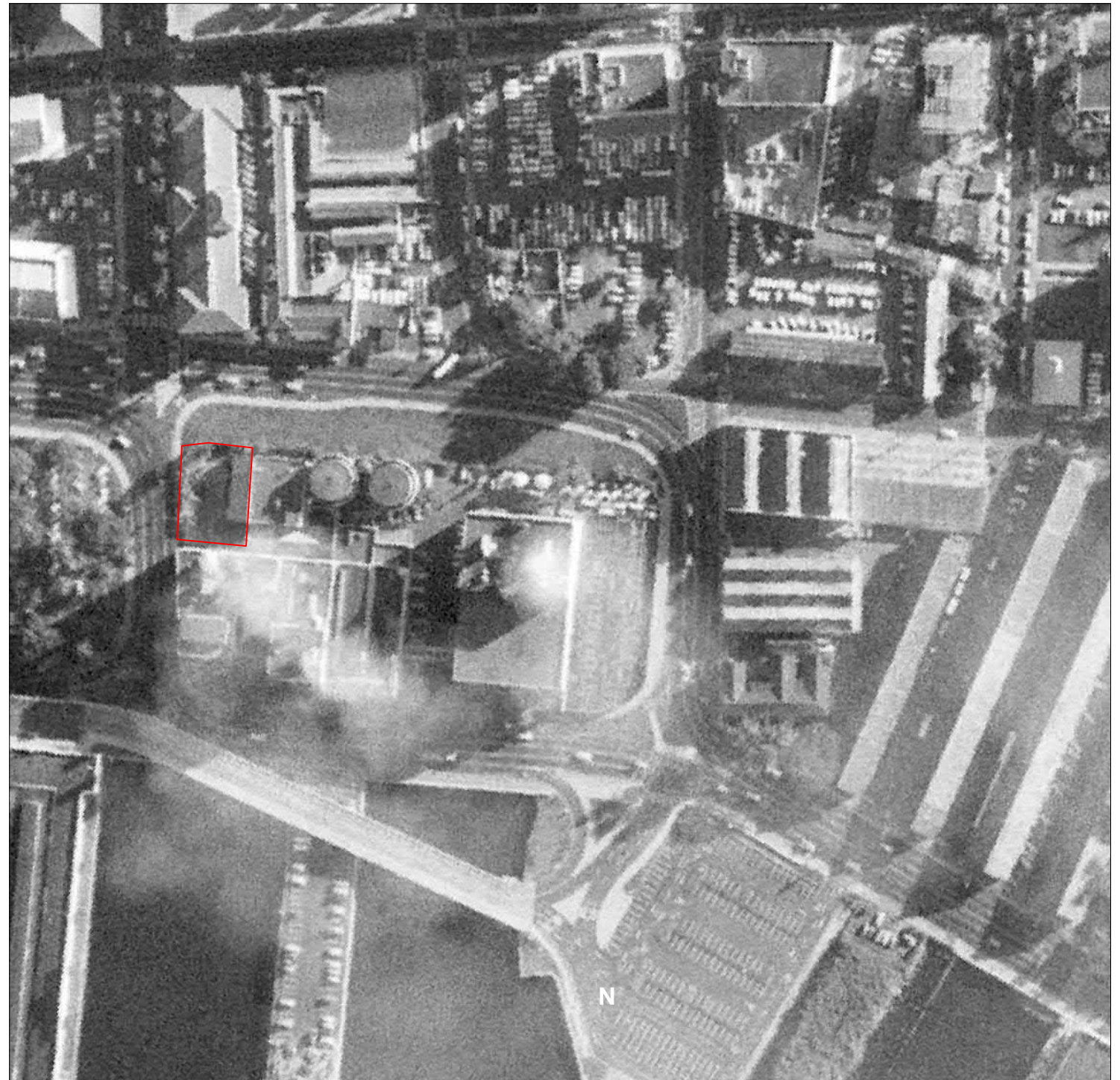


FIGURE A-2
Historical Fire Insurance Maps 1927-1955
Phase II Environmental Site Assessment Report for the Downtown Station, Makai Lot Honolulu, Oahu, Hawaii



Aerial Photograph, 1951



Aerial Photograph, 1968

LEGEND

 Approximate site boundary

Notes:
Source: Environmental Data Resources, Inc., 2020.



FIGURE A-3
Historical Aerial Photographs 1951-1968
Phase II Environmental Site Assessment
Report for the Downtown Station, Makai Lot
Honolulu, Oahu, Hawaii



Aerial Photograph, 1978

LEGEND

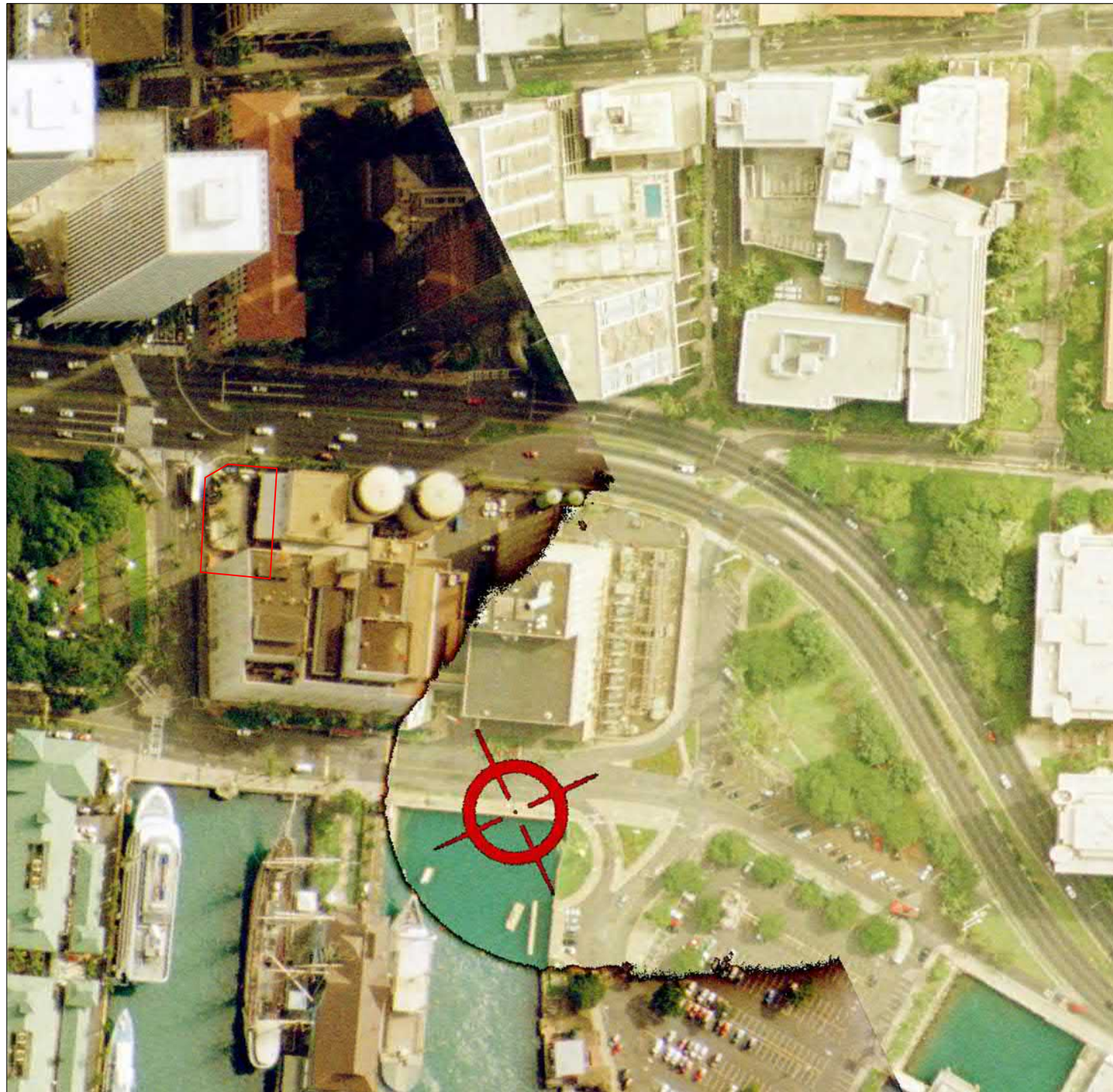
 Approximate site boundary

Notes:
 Source: Environmental Data Resources, Inc., 2020.



Aerial Photograph, 1985

FIGURE A-4
Historical Aerial Photographs 1978-1985
Phase II Environmental Site Assessment
Report for the Downtown Station, Makai Lot
 Honolulu, Oahu, Hawaii

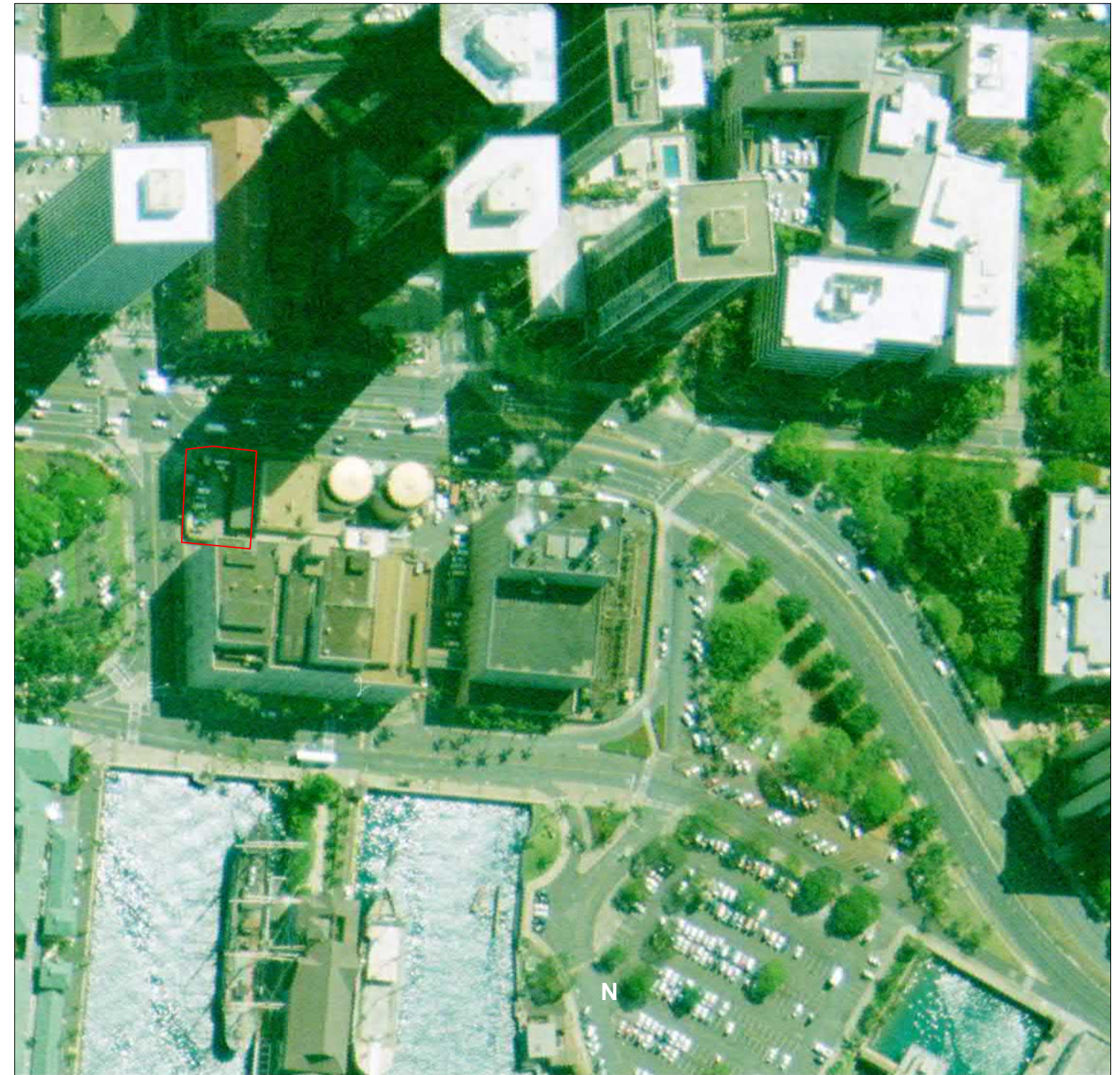


Aerial Photograph, 2004

LEGEND

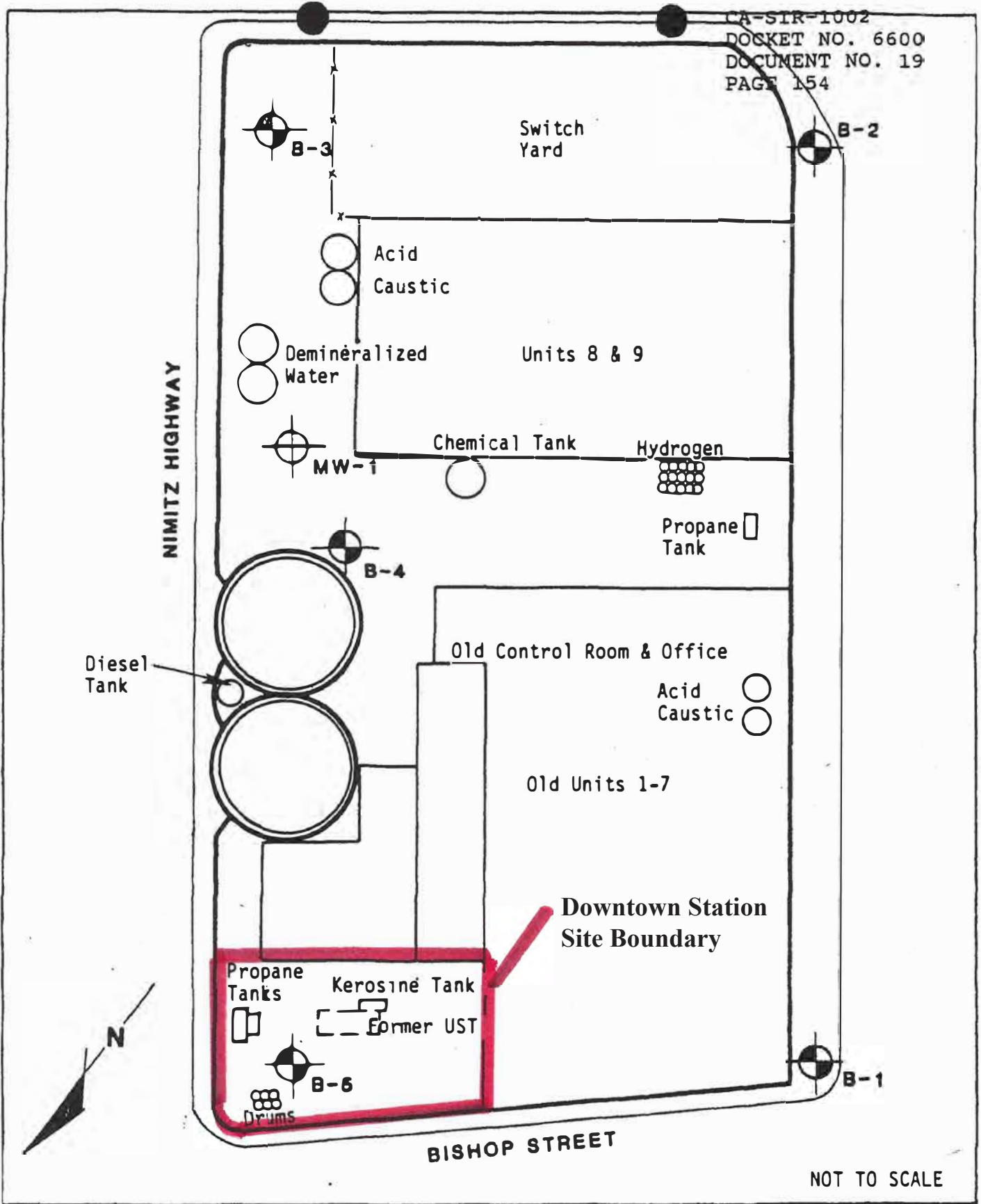
 Approximate site boundary

Notes:
 Source: Environmental Data Resources, Inc., 2020.



Aerial Photograph, 2008

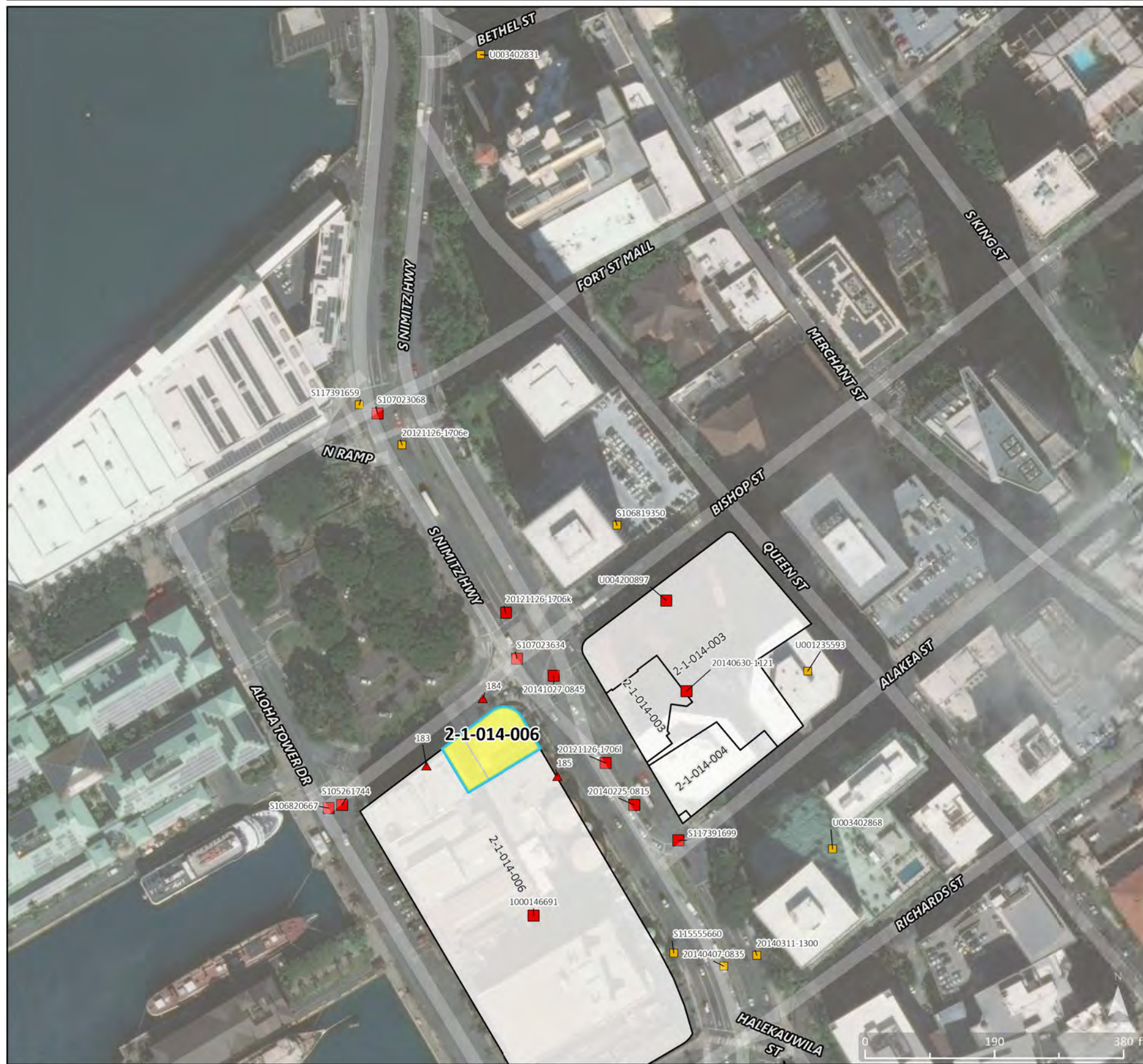
FIGURE A-5
Historical Aerial Photographs 2004-2008
Phase II Environmental Site Assessment
Report for the Downtown Station, Makai Lot
 Honolulu, Oahu, Hawaii



HLA Harding Lawson Associates
Engineers and Geoscientists

Site Plan
Honolulu Power Plant
Honolulu, Oahu, Hawaii

PLATE
3



RECs/ Historical RECs/ Controlled RECs¹ identified during Likelihood to Affect Assessment

Env ID#	Site Name	Distance (ft.)	Hydraulic Position	REC Type	Likelihood to Affect
S107023634	HECO PIPELINE BISHOP STREET AND NIMITZ HIGHWAY	73	Upgradient	REC	Likely to affect the environmental condition of the subject property.
20141027-0845	20141027-0845	75	Upgradient	REC	Likely to affect the environmental condition of the subject property.
20121126-1706f	20121126-1706	99	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
20121126-1706k	20121126-1706	138	Upgradient	REC	Likely to affect the environmental condition of the subject property.
20140225-0815	20140225-0815	161	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
S105261744	ALA MOANA STORM DRAIN	168	Down Gradient	REC	Likely to affect the environmental condition of the subject property.
S106820667	TRUCK LEAKING OIL	188	Down Gradient	REC	Likely to affect the environmental condition of the subject property.
1000146691	HAWAIIAN ELECTRIC- HONOLULU GENERATING STATION	206	Cross Gradient	Controlled REC	Likely to affect the environmental condition of the subject property.
20140630-1121	20140630-1121	231	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
S117391699	HART CC-101	244	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
U004200897	PACIFIC GUARDIAN CENTER	273	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S106819350	NORWEGIAN CRUISE LINE	310	Upgradient	Historical REC	Has the potential to affect the environmental condition of the subject property.
S115555660	UNKNOWN SHEEN 930597	359	Cross Gradient	Historical REC	Has the potential to affect the environmental condition of the subject property.
U001235593	PACIFIC LIGHT NET	409	Cross Gradient	REC	Has the potential to affect the environmental condition of the subject property.
20121126-1706e	20121126-1706	411	Upgradient	REC	Has the potential to affect the environmental condition of the subject property.
20140407-0835	20140407-0835	418	Cross Gradient	REC	Has the potential to affect the environmental condition of the subject property.
20140311-1300	20140311-1300	440	Cross Gradient	REC	Has the potential to affect the environmental condition of the subject property.
U003402868	HARBOR SQUARE ASSOCIATION	454	Cross Gradient	REC	Has the potential to affect the environmental condition of the subject property.
S107023068	MANHOLE #19 AT FORT STEET MALL & NIMITZ HIGHWAY	467	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S117391659	GROUP OF PEOPLE ENTERING A DOOR BYPASSING SECURITY	489	Cross Gradient	Historical REC	Has the potential to affect the environmental condition of the subject property.
U003402831	HARBOR COURT PROJECT	959	Upgradient	REC	Has the potential to affect the environmental condition of the subject property.

RECs Observed During Site Recon

Concern ID	Title	Description
183	Two monitoring wells	Two monitoring well vaults are visible looking through a locked access gate. Potential additional monitoring wells unknown due to limited sight lines into subject property.
184	No access or line of sight onto majority of the subject property	No access or line of sight onto majority of the subject property. As such, it is likely that additional items, items of concern, or recognized environmental conditions were not observed. It should be noted that as part of the July 2017 HART Phase I ESA for the City Center Section, multiple monitoring wells were observed within the subject property.
185	Fuel storage tanks adjoining subject property to the south	Two bulk fuel storage tanks adjoining subject property to the south.

FIGURE 2-1
Subject Property and Recognized Environmental Conditions
TMK: 2-1-014-006
Phase I Environmental Site Assessment for the HART City Center Section Honolulu Rail Transit Project Honolulu, Hawaii

Legend

- RECs/ Historical RECs/ Controlled RECs identified during Likelihood to Affect Assessment
- Subject Property
- City Center Guideway Alignment
- Likely to affect the environmental condition of the subject property.
- Other TMK Boundary
- Kamehameha Highway Section
- Has the potential to affect the environmental condition of the subject property.
- Transit Station Footprint
- West Oahu/Farrington Highway Section
- ▲ REC Identified during Site Recon
- Airport Guideway Alignment
- Acquisition Type
- Easement

Notes:
 1. Due to layout constraints, the tables on this figure may not display all RECs with the subject property. Please see table 4-5 for RECs, 7-1 for Controlled RECs, 7-2 for Historical RECs, and Attachment 1 for Site Recon RECs.
 2. REC locations are approximate and based on geocoded address values, rather than the actual release location.

Appendix B

Photo Log

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Photo 1: Site (facing NE) prior to Phase II ESA activities.



Photo 2: Underground utility marking during utility toning.

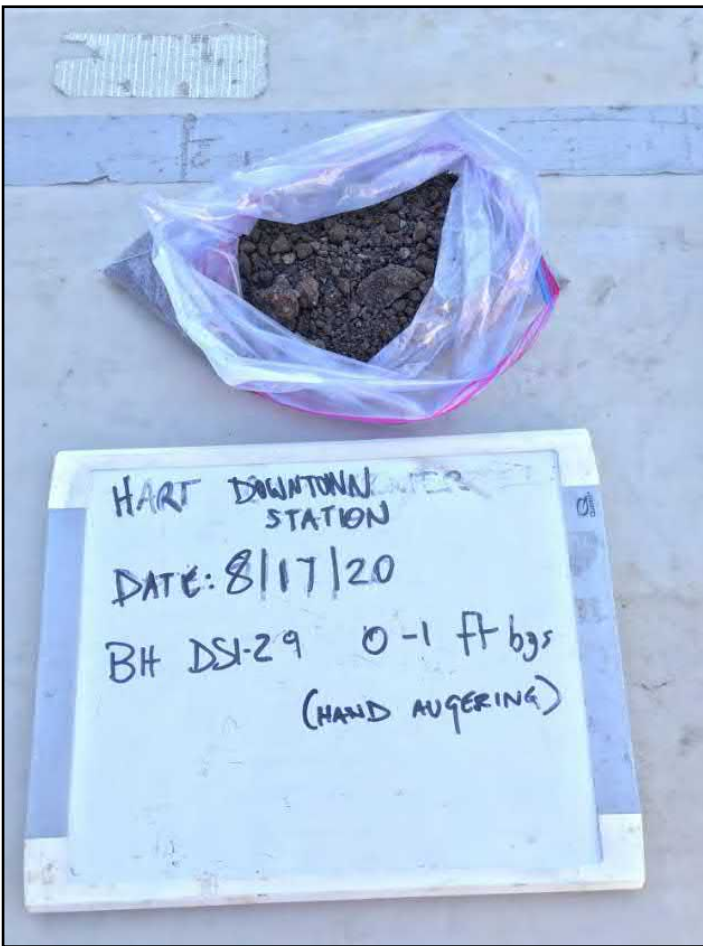


Photo 3: Soil collected during hand augering.



Photo 4: MIS soil sampling activities using dedicated terracoors.



Photo 5: Soil core representative of fill material.



Photo 6: Soil core representative of fill material, with grossly impacted soil (medium black sand) at the bottom.

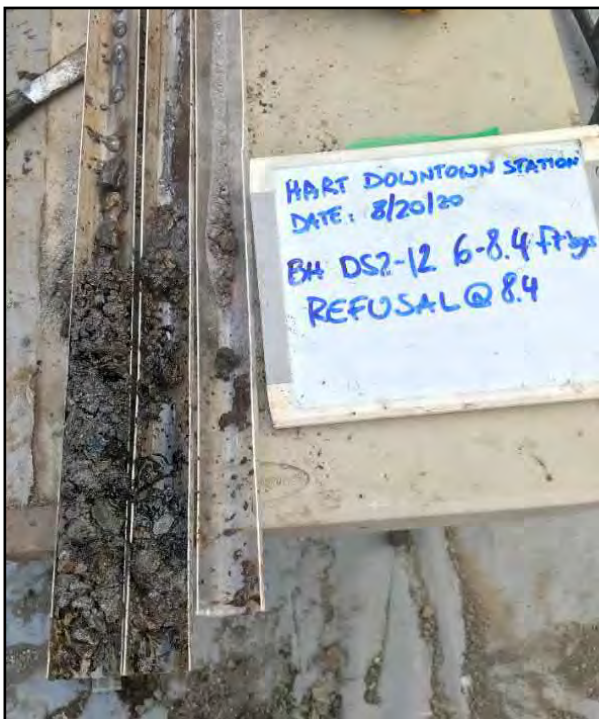


Photo 7: Soil core representative of fill material, with grossly impacted soil (sandy gravel) at the bottom.



Photo 8: Detail of grossly impacted soil (sandy gravel).



Photo 9: Soil core representative of native soil, with volcanic cinder on top of coralline sand and gravel.



Photo 10: Groundwater sampling activities.



Photo 11: Soil vapor sampling activities.



Photo 12: Site conditions at the end of Phase II ESA work.

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Appendix C

Field Forms

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Appendix C-1
Boring Logs

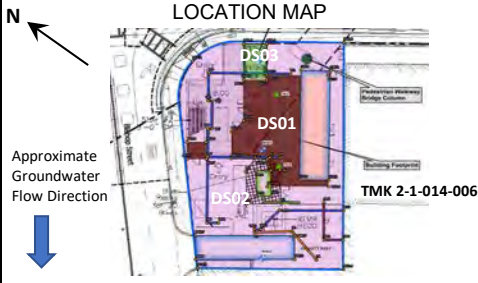
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CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-01	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A	TIME	TIME	TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/20/20	

GPT Test N/A	Recov	PID	Lithology
--------------	-------	-----	-----------

SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	MH
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	CL
			48				2.5	
			48			0.0	3.0	
							3.5	
					0.0		4.0	GW
							4.5	
					0.0		5.0	
							5.5	
					0.0		6.0	SP
			42				6.5	
			24		0.0		7.0	
					0.0		7.5	SP
							8.0	
					2.8	3.8	8.5	
							9.0	SP
							9.5	
							10	

							FILL
Sandy silt w/ gravel. Very dark grayish brown (10YR, 3/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~50% Silt. ~30% Sand. ~20% Gravel (subangular, basalt). Dry. No odor or staining. Silt and sand percentage increasing with depth.							
Silty clay. Light gray (10 YR, 7/1). Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Dry. No odor or staining.							
Sandy gravel. Very dark brown (10 YR, 2/2). ~20% Sand. ~80% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Wet from about 7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

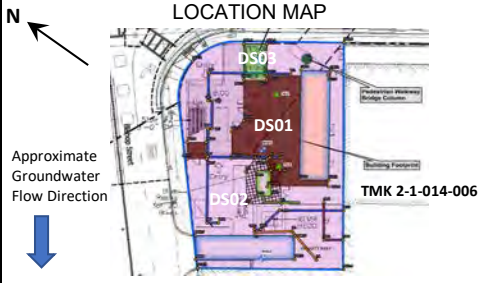
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-02	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
--------------	-------	-----	-----------

SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	SP
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GM
			48	30			2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	SP
					0.0		5.5	
					0.0		6.0	
			40	36			6.5	
					0.0		7.0	
					0.0		7.5	
						8.6	8.0	SP
							8.5	
							9.0	End of boring (REFUSAL) at 9.3 ft bgs (basalt)
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

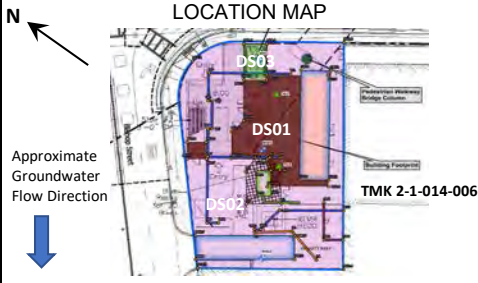
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-03	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
--------------	-------	-----	-----------

SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			48				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			40				6.5	
			36				7.0	
					0.0		7.5	
							8.0	
						52.9	8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

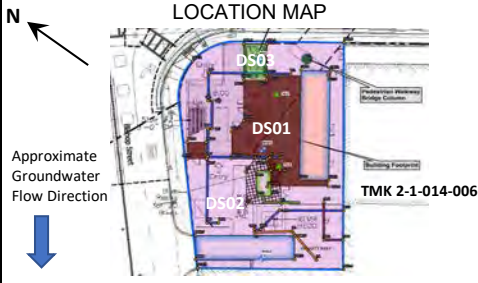
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-04	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
--------------	-------	-----	-----------

SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12		0.0	0.5	
			12	12		0.0	1.0	SP
			48	48		0.0	2.0	
			48	48		0.0	2.5	
						0.0	3.0	
						0.0	3.5	
						0.0	4.0	
						0.0	4.5	GM
						0.0	5.0	
						0.0	5.5	
			40	36		0.0	6.0	
						0.0	6.5	
						0.0	7.0	
						0.0	7.5	
						10	8.0	
							8.5	SP
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

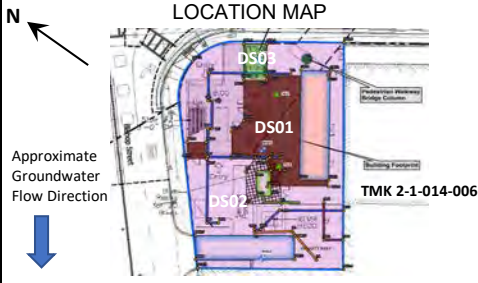
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-05	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
					0.0		2.0	
			48				2.5	
			48				3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			38				6.5	
			30				7.0	
					0.0		7.5	
							8.0	
					52.3		8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

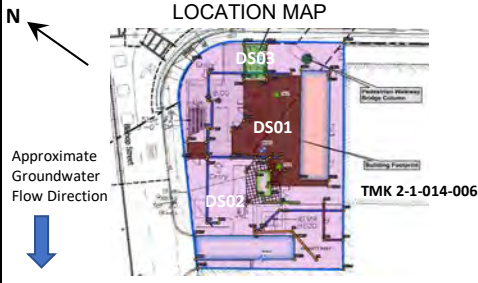
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS01-06	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A			CASING LENGTH: N/A		
SCREEN SIZE: N/A			SCREEN LENGTH: N/A		
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A	
WATER LEVEL	N/A				
TIME	N/A				
DATE	N/A				
GPT Test N/A				Recov	PID
Lithology					

SURFACE CONDITIONS: Paved with concrete (~5")					
DESCRIPTION					Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12		0.0	0			
			12			0.5			
			12		0.0	1.0	SP	Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	
			12			1.5			
			48		0.0	2.0			
			24			2.5			
					0.0	3.0		Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Some construction debris (brick) at ~3.5 ft bgs. Dry. No odor or staining. Fractions of silt and sand decrease with depth.	
						3.5			
					0.0	4.0			
					0.0	4.5	GM		
					0.0	5.0			
						5.5			
					0.0	6.0			
			38			6.5			
			30			7.0		Wet from ~7 ft bgs.	
						7.5			
						8.0			
					8.6	8.5	SP	Gravelly sand. Black (10 YR, 2/1). ~35% Gravel. ~65% Sand, medium grained, poorly graded. Wet. Petroleum hydrocarbon odor.	
						9.0			
						9.5		End of boring (REFUSAL) at 9.2 ft bgs (basalt)	
						10			

Geotek HI

Drilling Contractor:

Date: 8/17/2020

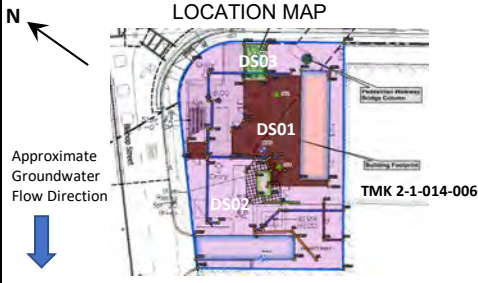
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-07	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
--------------	-------	-----	-----------

SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			24				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			30				6.5	
			24				7.0	
					0.0		7.5	
							8.0	
					52.3		8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

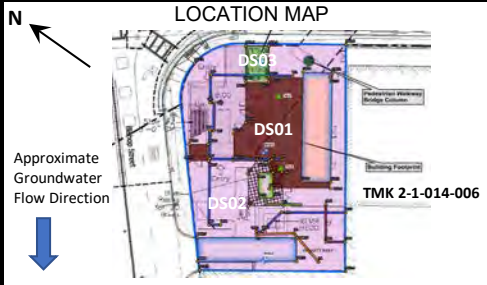
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-08	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			36		0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GM
					0.0		5.0	
					0.0		5.5	
			40		0.0		6.0	
			36				6.5	
					0.0		7.0	
							7.5	
							8.0	SP
							8.5	
							9.0	
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

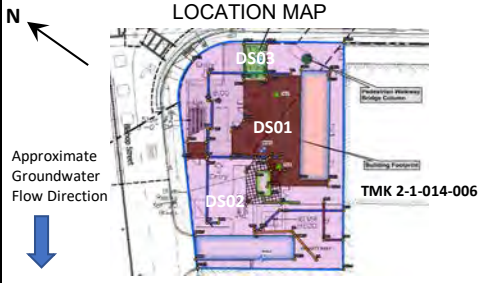
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-09	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			36		0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GM
					0.0		5.0	
					0.0		5.5	
					0.0		6.0	
			30				6.5	
			24				7.0	
					0.0		7.5	
							8.0	
					49.8		8.5	SP
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

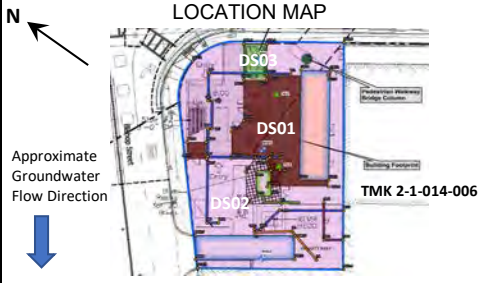
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-10	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48	24	0.0		2.0	
					0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	GM
					0.0		5.5	
					0.0		6.0	
			38	30	0.0		6.5	
					0.0		7.0	
							7.5	
							8.0	
						20.2	8.5	SP
							9.0	
							9.5	
							10	

Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Gravelly sand. Black (10 YR, 2/1). ~35% Gravel. ~65% Sand, medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

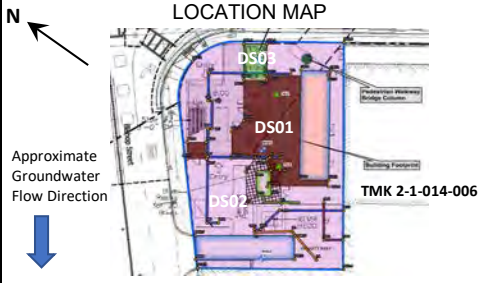
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-11	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			32		0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	GM
					0.0		5.5	
					0.0		6.0	
			40		0.0		6.5	
			36		0.0		7.0	
					0.0		7.5	
							8.0	
					159.9		8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

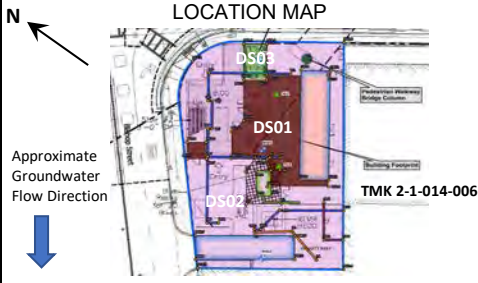
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-12	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			40				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	GM
					0.0		5.0	
							5.5	
					0.0		6.0	
			40				6.5	
			36				7.0	
					0.0		7.5	
							8.0	
						42.0	8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Limestone. Gray (10YR, /1).							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

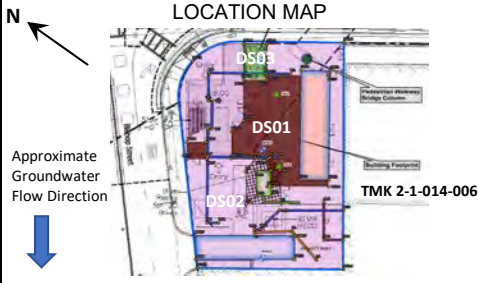
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-13	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A	TIME	TIME	TIME	TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			40		0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GM
					0.0		5.0	
					0.0		5.5	
			40		0.0		6.0	
			30		0.0		6.5	
					0.0		7.0	
							7.5	
						5.6	8.0	
							8.5	SP
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

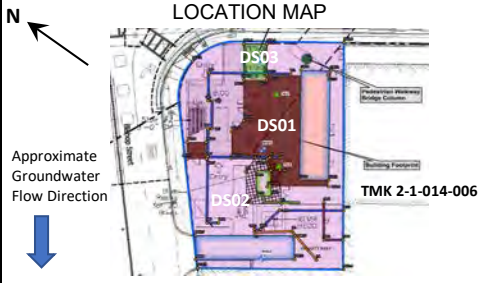
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-14	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			24				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			38				6.5	
			24				7.0	
					0.0		7.5	
							8.0	
					0.0		8.5	
							9.0	SP
							9.5	
							10	

Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

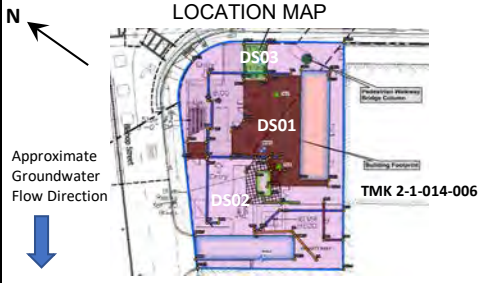
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-15	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12		0.0	0.5	
			12	12		0.0	1.0	SP
			48	48		0.0	2.0	
			48	48		0.0	2.5	
						0.0	3.0	
						0.0	3.5	
						0.0	4.0	CH
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	
						0.0	6.0	
			38	30		0.0	6.5	
						0.0	7.0	
						0.0	7.5	GM
						0.1	8.0	
						0.1	8.5	
						3.2	9.0	SP
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty clay. Light gray (10YR, 7/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

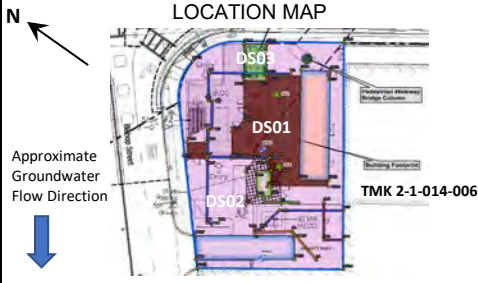
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-16	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A				TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	SP
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GM
			48				2.5	
			40				3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	
							5.5	SP
					0.0		6.0	
			40				6.5	
			30				7.0	
					0.0		7.5	
						9.1	8.0	
					0.4		8.5	
							9.0	
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

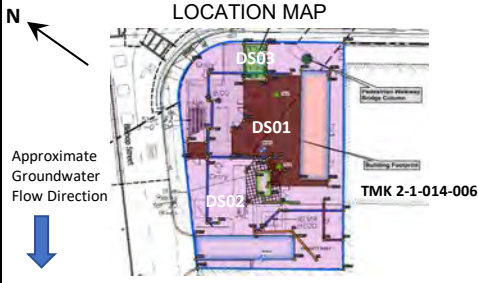
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-17	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A	TIME	TIME	TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			36				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	GM
					0.0		5.0	
							5.5	
					0.0		6.0	
			40				6.5	
			36				7.0	
					0.0		7.5	
					0.1		8.0	
					0.4	77.5	8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.4 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

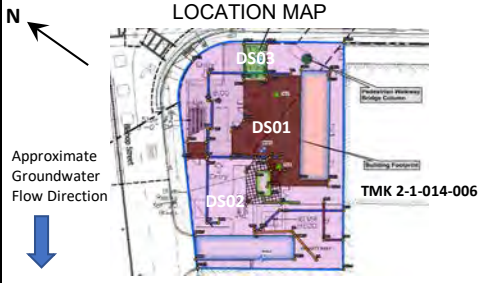
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-18	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
					0.0		2.0	
			48				2.5	
			36				3.0	
					0.0		3.5	
							4.0	
					0.0		4.5	GM
							5.0	
							5.5	
					0.0		6.0	
			40				6.5	
			36				7.0	
					0.0		7.5	
					0.2		8.0	SP
					1.6	18.1	8.5	
							9.0	
							9.5	
							10	

							FILL	
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.								
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.								
Wet from ~7 ft bgs.								
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.								
End of boring (REFUSAL) at 9.3 ft bgs (basalt)								

Geotek HI

Drilling Contractor:

Date: 8/17/2020

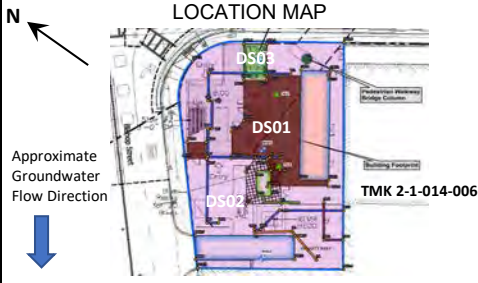
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-19	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A	TIME	TIME	TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION						Fill / Native	

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48	24	0.0		2.0	
					0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GM
					0.0		5.0	
					0.0		5.5	
			40	30	0.0		6.0	
					0.0		6.5	
					0.0		7.0	
							7.5	
							8.0	
						54.2	8.5	SP
							9.0	
							9.5	
							10	

DESCRIPTION						Fill / Native	
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.						FILL	
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

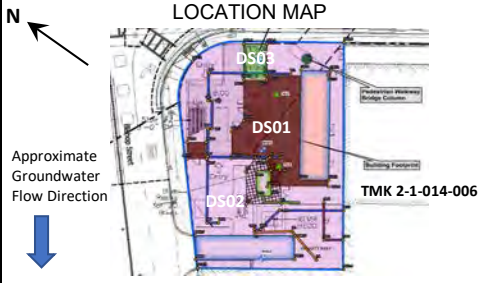
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-20	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			40				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			40				6.5	
			30				7.0	
					0.0		7.5	
							8.0	
					1.6	13.4	8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

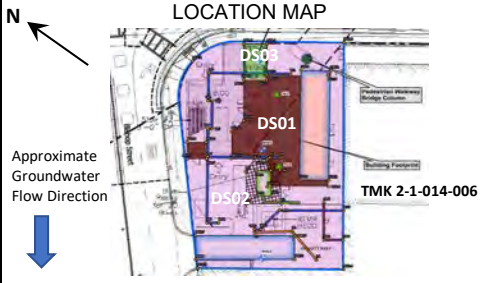
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-21	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	MH
			12	12		0.0	0.5	
			12	12		0.0	1.0	
			12	12		0.0	1.5	
			48	48		0.0	2.0	MH
			48	48		0.0	2.5	
						0.0	3.0	
						0.0	3.5	
						0.0	4.0	
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	
			60	60		0.0	6.0	CH
			60	60		0.0	6.5	
						0.0	7.0	
						0.0	7.5	
						0.0	8.0	
							8.5	
							9.0	
							9.5	
							10	

Sandy silt w/ gravel. Very dark grayish brown (10YR, 3/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~50% Silt. ~30% Sand. ~20% Gravel (subangular, basalt). Dry. No odor or staining. Silt and sand percentage increasing with depth.

Sandy gravelly silt with clay. Very dark grayish brown to dark yellowish brown (10 YR, 3/2 to 4/4). Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Silt ~60%. Sand ~25%, Gravel ~15%. Dry. No odor or staining.

Sandy silty clay. Very dark gray (10YR, 3/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Silt and sand percentages higher in the 8-8.5 and 9.25-9.5 intervals. Moist to wet. Slight odor. No staining.

End of boring at 11 feet bgs

Geotek HI

Drilling Contractor:

Date: 8/17/2020

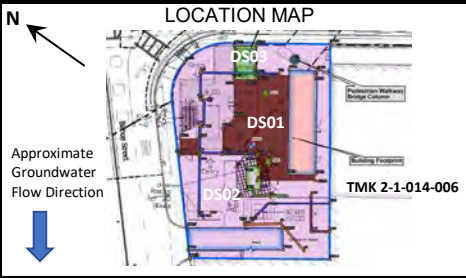
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS01-22	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		TIME	TIME
WATER LEVEL		N/A		N/A	N/A
TIME		N/A		DATE	DATE
DATE		N/A		8/17/20	8/21/20

GPT Test N/A Recov PID Lithology

SURFACE CONDITIONS:
Paved with concrete (~5")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft. bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12			0			
			12		0.0	0.5			
			12		0.2	1.0	SP	Gravelly sandy w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	FILL
			12			1.5			
			48		0.0	2.0			
			48			2.5	MH	Sandy gravelly silt with clay. Very dark grayish brown (10 YR, 3/2). Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Silt ~60%. Sand ~25%, Gravel ~15%. Dry. No odor or staining.	
						3.0			
						3.5			
					0.0	4.0	SP	Gravelly Sand. Yellowish brown (10 YR, 5/6). ~80% Sand. ~20% Gravel. Poorly graded. Dry. No odor of staining.	FILL
						4.5			
					0.0	5.0	MH	Sandy silt. Very dark brown (10YR, 2/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. Silt ~70%. Sand ~30%. Dry. No odor or staining. Sand percentage varying and generally decreasing with depth.	
						5.5			
					0.0	6.0			
			54			6.5	CH	Silty clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Dry to moist. No odor or staining	
			54		0.0	7.0			
						7.5			
					0.0	8.0	GP	Silty, clayey gravel. Gray (10YR, 5/1). Clay ~15%. Silt ~15%. Gravel ~70%, subrounded, diameter up to 0.5 inches, poorly graded. Wet. No odor or staining.	
					1.3	8.5			
					3.1	9.0	Cinder	Volcanic cinder. Black (10 YR, 2/1). Wet. Slight petroleum hydrocarbon odor toward the bottom.	NATIVE
					1.3	9.5			
						10	GP	Coralline sandy gravel. Very pale brown (10YR, 7/3). Sand 20%. Gravel 80%, coralline, poorly graded. Wet. No odor or staining. End of boring 10.5 feet bgs.	

Geotek HI

Drilling Contractor:

Date: 8/17/2020

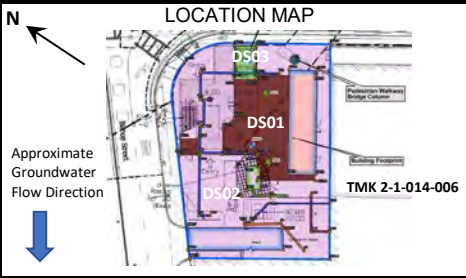
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS		BORING No. DS01-23	
SAMPLING METHOD: MIS		SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION			
CASING DIAM.: N/A		CASING LENGTH: N/A	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A	
SAND TYPE: N/A		SAND SIZE: N/A	
WATER LEVEL		TIME	
TIME	N/A	N/A	N/A
DATE	N/A	8/17/20	8/21/20

GPT Test N/A Recov PID Lithology

SURFACE CONDITIONS:
Paved with asphalt (~4")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12	0.0	0	
			12	12	0.0	0.5	
			12	12	0.0	1.0	
					0.0	1.5	
					0.0	2.0	
			48	48	0.0	2.5	
					0.0	3.0	MH
					0.0	3.5	
					0.0	4.0	
					0.0	4.5	
					0.0	5.0	
					0.0	5.5	
					0.0	6.0	
			60	60	0.0	6.5	CH
					0.0	7.0	
					0.0	7.5	
					0.0	8.0	GP
						8.5	
					17.8	9.0	Cinder
						9.5	
						10	GP

DESCRIPTION	Fill / Native	
Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Percentage of gravel decreases with depth. Construction debris (bricks) between 4.5 and 6 feet bgs. Dry. No odor or staining.	FILL	
Silty clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Dry to moist. No odor or staining	NATIVE	
Silty, clayey gravel. Gray (10YR, 5/1). ~15% Clay. ~15% Silt. ~70% Gravel, subrounded, diameter up to 0.5 inches, poorly graded. Wet. No odor or staining.		
Volcanic cinder. Black (10 YR, 2/1). Wet. Slight petroleum hydrocarbon odor toward the bottom.		
Coralline sandy gravel. Very pale brown (10YR, 7/3). Sand 20%. Gravel 80%, coralline, poorly graded. Wet. No odor or staining. End of boring 11 feet bgs.		

Geotek HI

Drilling Contractor:

Date: 8/17/2020

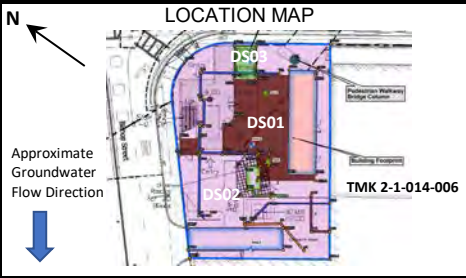
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS01-24	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		TIME	TIME
WATER LEVEL		N/A		N/A	N/A
TIME		N/A		DATE	DATE
DATE		N/A		8/17/20	8/21/20

GPT Test N/A Recov PID Lithology

SURFACE CONDITIONS:
Paved with asphalt (~4")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12	0.0	0	
			12	12	0.0	0.5	
			12	12	0.0	1.0	
					0.0	1.5	
					0.0	2.0	
			48	48	0.0	2.5	
					0.0	3.0	MH
					0.0	3.5	
					0.0	4.0	
					0.0	4.5	
					0.0	5.0	
					0.0	5.5	
					0.0	6.0	
			54	54	0.0	6.5	
					0.0	7.0	CH
					0.0	7.5	
					0.0	8.0	GP
						8.5	
					17.8	9.0	Cinder
						9.5	
						10	GP

DESCRIPTION	Fill / Native	
Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Percentage of gravel decreases with depth. Construction debris (bricks) between 4.5 and 6 feet bgs. Dry. No odor or staining.	FILL	
Silty clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Dry to moist. No odor or staining	NATIVE	
Silty, clayey gravel. Gray (10YR, 5/1). ~15% Clay. ~15% Silt. ~70% Gravel, subrounded, diameter up to 0.5 inches, poorly graded. Wet. No odor or staining.		
Volcanic cinder. Black (10 YR, 2/1). Wet. Slight petroleum hydrocarbon odor toward the bottom.		
Coralline sandy gravel. Very pale brown (10YR, 7/3). Sand 20%. Gravel 80%, coralline, poorly graded. Wet. No odor or staining. End of boring 10.5 feet bgs.		

Geotek HI

Drilling Contractor:

Date: 8/17/2020

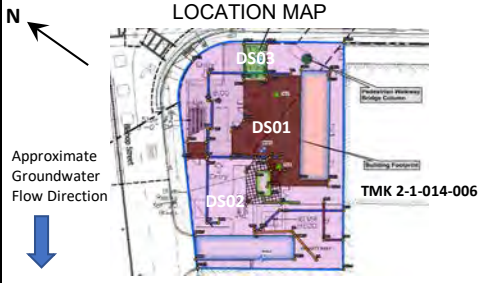
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-26	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			24				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			43				6.5	
			24				7.0	
					0.0		7.5	
							8.0	
						43	8.5	SP
							9.0	
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). >5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.6 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

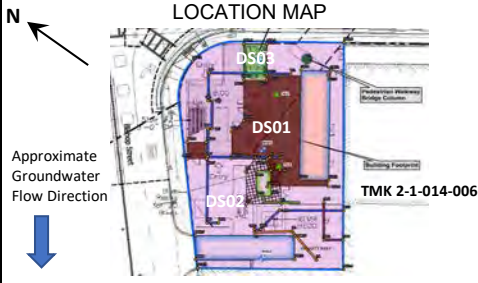
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-27	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	MH
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GW
			48	24			2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	SP
					0.0		5.5	
					0.0		6.0	
			38	20			6.5	
					0.0		7.0	
							7.5	
							8.0	
						49.1	8.5	
							9.0	
							9.5	
							10	

DESCRIPTION		Fill / Native
Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Dry. No odor or staining.		FILL
Sandy gravel. Reddish brown (5 YR, 4/4). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.		
Wet from ~7 ft bgs.		
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.		
End of boring (REFUSAL) at 9.2 ft bgs (basalt)		

Geotek HI

Drilling Contractor:

Date: 8/17/2020

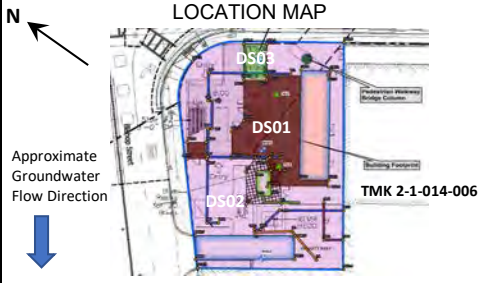
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-28	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	MH
			12				0.5	
			12			0.0	1.0	
			12				1.5	
			48	24	0.0		2.0	GW
							2.5	
							3.0	
							3.5	
							4.0	
							4.5	
					0.0		5.0	
							5.5	
					0.0		6.0	
			38	20			6.5	SP
							7.0	
							7.5	
						49.1	8.0	
							8.5	
							9.0	
							9.5	
							10	

Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Dry. No odor or staining.							
Sandy gravel. Reddish brown (5 YR, 4/4). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.3 ft bgs (basalt)							

FILL

Geotek HI

Drilling Contractor:

Date: 8/17/2020

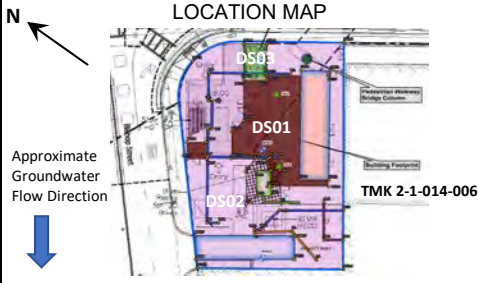
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-29	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A	TIME	TIME	TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/17/20	8/21/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	MH
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GW
			48	24			2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	
					0.0		5.5	
					0.0		6.0	
			41	20			6.5	
					0.0		7.0	
							7.5	
							8.0	
							8.5	SP
						7.8	9.0	
							9.5	
							10	

DESCRIPTION		Fill / Native
Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Dry. No odor or staining.		FILL
Sandy gravel. Very dark grayish brown (10YR, 3/2) to reddish brown (5 YR, 4/4). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.		
Wet from ~7 ft bgs.		
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.		
End of boring (REFUSAL) at 9.4 ft bgs (basalt)		

Geotek HI

Drilling Contractor:

Date: 8/17/2020

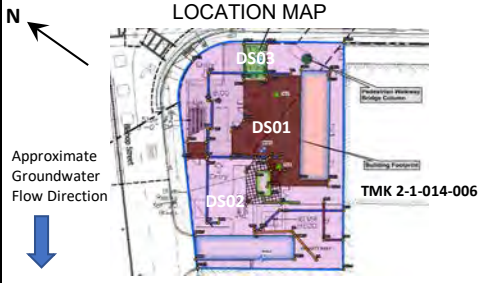
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS01-30	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	MH
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GW
			48	24			2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	
					0.0		5.5	
					0.0		6.0	
			38	22			6.5	
					0.0		7.0	
							7.5	
							8.0	
						0.2	8.5	GP
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Sandy silt with gravel. Very dark grayish brown (10 YR, 3/2). None to low strength, no to slow dilatancy, low toughness, no to low plasticity. Silt ~50%. Sand ~30%, Gravel ~20%. Dry. No odor or staining.							FILL
Sandy gravel. Very dark grayish brown (10YR, 3/2) to reddish brown (5 YR, 4/4). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Gravel. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon odor.							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/17/2020

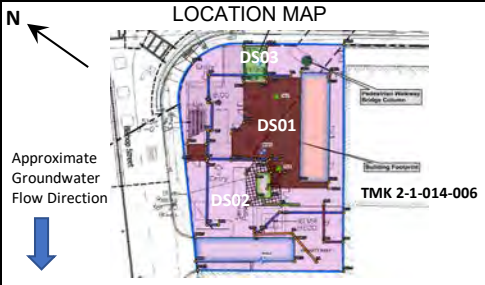
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-01	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12		0.0	0.5	
			12	12		0.0	1.0	SP
			12	12		0.0	1.5	
			48	48		0.0	2.0	
			48	48		0.0	2.5	MH
						0.0	3.0	
						0.0	3.5	GP
						0.0	4.0	
						0.0	4.5	
						0.0	5.0	ML
						0.0	5.5	
						0.0	6.0	
			42	24		0.0	6.5	GW
						0.0	7.0	
						0.0	7.5	CL
						0.0	8.0	
						0.0	8.5	SP
						0.0	9.0	
						0.0	9.5	
						0.0	10	

DESCRIPTION							Fill / Native
Paved with asphalt (~4")							
Gravelly sand with silt. Brown (10YR, 4/3). <5% Silt. 55-60% Sand. 35-40% Gravel (subangular, basalt). Poorly graded. Dry. No odor or staining.							FILL
Sandy silt. Olive brown (2.5YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~50% Silt. ~30% Sand. ~20% Gravel (subangular, basalt). Dry. No odor or staining. Silt and sand percentage increasing with depth.							
Coralline gravel. Very pale brown (10YR, 8/3). Poorly graded. Dry. No odor or staining							
Clayey silt with sand. Olive brown (2.5YR, 4/3). ~30% clay. ~60% Silt, ~10% Sand. Low to medium strength, none to slow dilatancy, low toughness, low plasticity. Dry. No odor or staining.							
Sandy gravel. Very dark grayish brown (10YR, 3/2) to black (10YR, 2/1). ~20% Sand. ~80% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Wet from about 7 ft bgs.							
Sandy gravelly clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Wet.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon odor.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

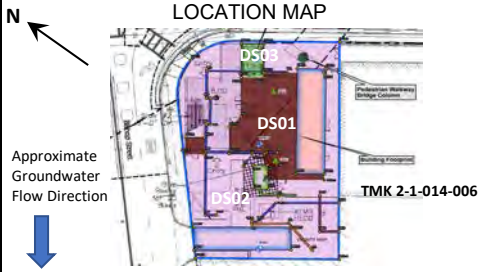
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-02	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12		0.0	0.5	
			12	12		0.0	1.0	SP
			48	48		0.0	1.5	
			48	48		0.0	2.0	SM
						0.0	2.5	
						0.0	3.0	MH
						0.0	3.5	
						0.0	4.0	SM
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	ML
						0.0	6.0	
			36	18		0.0	6.5	
						0.0	7.0	CL
						0.0	7.5	
						0.0	8.0	SP
						0.0	8.5	
						0.0	9.0	Cinder
						0.0	9.5	
						0.0	10	

DESCRIPTION								Fill / Native
Gravelly sand with silt. Brown (10YR, 4/3). <5% Silt. 55-60% Sand. 35-40% Gravel (subangular, basalt). Poorly graded. Dry. No odor or staining.								FILL
Silty sand with gravel. Brown (10YR, 4/3). ~30% Silt. ~10% Gravel (subangular basalt). ~60% Sand. Poorly graded. Dry. No odor or staining.								
Sandy silt. Olive brown (2.5YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~50% Silt. ~30% Sand. ~20% Gravel (subangular, basalt). Dry. No odor or staining. Silt and sand percentage increasing with depth.								
Silty sand with gravel. Brown (10YR, 4/3). ~25% Silt. ~60% Sand. ~15% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.								
Clayey silt. Olive brown (2.5YR, 4/3). ~35% clay. ~65% Silt, ~10% Sand. Low to medium strength, none to slow dilatancy, low toughness, low plasticity. Dry. No odor or staining.								NATIVE
Sandy gravelly clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, medium to high toughness, medium to high plasticity. Wet.								
Coralline sand. Very pale brown (10YR, 8/3). Poorly graded. Wet. Petroleum hydrocarbon odor.								
Black volcanic cinder (10YR, 2/1)								
End of boring at 9.0 ft bgs.								

Geotek HI

Drilling Contractor:

Date: 8/18/2020

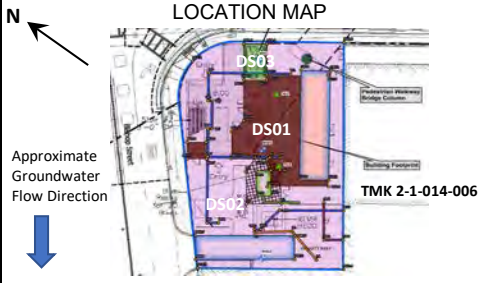
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-03	
SAMPLING METHOD: MIS					
TEMPORARY MONITORING WELL CONSTRUCTION				SHEET 1 OF 1	
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A			N/A	N/A
TIME	N/A			DATE	DATE
DATE	N/A			8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")									
DESCRIPTION									
Fill / Native									

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12	12		0.0	0	SP	Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	FILL
			12	12		0.0	0.5			
			12	12		0.0	1.0	MH	Sandy silt with gravel. Very dark graish brown (10YR, 3/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. Dry. No Staining or odor.	
			12	12		0.0	1.5			
			48	48		0.0	2.0	GW	Sandy gravel with silt. Brown (10YR, 4/3) to reddish brown (5YR, 4/4). <5% Silt. ~30% Sand. ~65% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.	
			48	48		0.0	2.5			
						0.0	3.0			
						0.0	3.5			
						0.0	4.0	GP	Thin layer (~2 inches) of silty clay close to the bottom (~5.5 ft bgs).	
						0.0	4.5			
						0.0	5.0	GP	Sandy gravel. Brown (10YR, 4/3). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Poorly graded. Wet from 7.5 ft bgs. No odor or staining.	
						0.0	5.5			
			36	12			6.0			
							6.5			
							7.0		End of boring at 9.0 ft bgs	
							7.5			
							8.0			
							8.5			
							9.0			
							9.5			
							10			

Geotek HI

Drilling Contractor:

Date: 8/18/2020

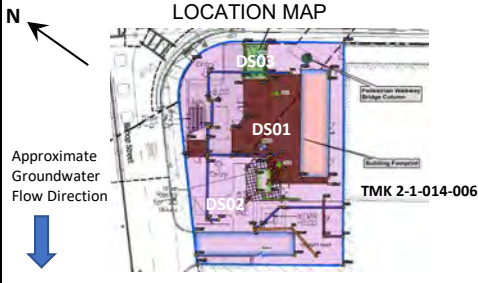
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-04	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	SP
			12	12		0.0	0.5	
			12	12		0.0	1.0	GW
			12	12		0.0	1.5	
			48	48		0.0	2.0	
			48	48		0.0	2.5	
			48	48		0.0	3.0	
						0.0	3.5	GP
						0.0	4.0	
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	
			42	16			6.0	GP
							6.5	
							7.0	
							7.5	
							8.0	GP
							8.5	
							9.0	GP
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Sandy gravel with silt. Brown (10YR, 4/3) to reddish brown (5YR, 4/4). <5% Silt. ~30% Sand. ~65% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.							
Sandy gravel. Brown (10YR, 4/3). ~30% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Poorly graded. Wet from 7.5 ft bgs. No odor or staining.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

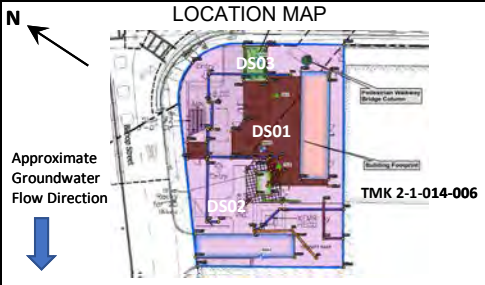
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-05	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	SP
			12	12		0.0	0.5	
			12	12		0.0	1.0	GW
			12	12		0.0	1.5	
			48	48		0.0	2.0	
			48	48		0.0	2.5	
						0.0	3.0	
						0.0	3.5	
						0.0	4.0	
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	
			42	20		0.0	6.0	
						0.0	6.5	
						0.0	7.0	
						0.0	7.5	
						0.0	8.0	
						0.9	8.5	SP
						4.8	9.0	
							9.5	
							10	

DESCRIPTION		Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.		FILL
Sandy gravel with silt. Brown (10YR, 4/3) to reddish brown (5YR, 4/4). <5% Silt. ~30% Sand. ~65% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.		
Wet from about 7.5 ft bgs		
Wood debris at 8.5 ft bgs		
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.		
End of boring (REFUSAL) at 9.5 ft bgs (basalt)		

Geotek HI

Drilling Contractor:

Date: 8/18/2020

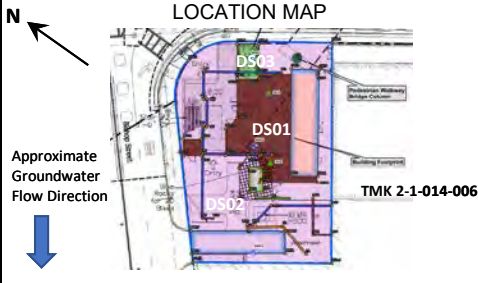
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-06	
SAMPLING METHOD: MIS					
TEMPORARY MONITORING WELL CONSTRUCTION				SHEET 1 OF 1	
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A			N/A	N/A
TIME	N/A			DATE	DATE
DATE	N/A			8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")					
DESCRIPTION					Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	SP
			12	12		0.0	0.5	
			12	12		0.0	1.0	GW
			12	12		0.0	1.5	
			48	24		0.0	2.0	
			48	24		0.0	2.5	
			48	24		0.0	3.0	
			48	24		0.0	3.5	
			48	24		0.0	4.0	
			48	24		0.0	4.5	
			48	24		0.0	5.0	
			48	24		0.0	5.5	
			42	20		0.0	6.0	
			42	20		0.0	6.5	
			42	20		0.0	7.0	
			42	20		0.0	7.5	
			42	20		0.0	8.0	
			42	20		0.0	8.5	
			42	20		0.8	9.0	SP
			42	20			9.5	
			42	20			10	

DESCRIPTION		Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.		FILL
Sandy gravel with silt. Brown (10YR, 4/3) to reddish brown (5YR, 4/4). <5% Silt. ~30% Sand. ~65% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.		
Wet from about 7.5 ft bgs		
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining, slight sheen, and odor.		
End of boring (REFUSAL) at 9.5 ft bgs (basalt)		

Geotek HI

Drilling Contractor:

Date: 8/18/2020

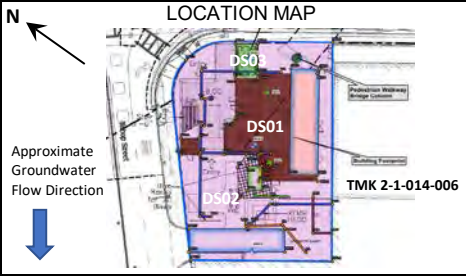
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-07	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A			CASING LENGTH: N/A		
SCREEN SIZE: N/A			SCREEN LENGTH: N/A		
SAND TYPE: N/A			SAND SIZE: N/A		# BAGS: N/A
WATER LEVEL		N/A			
TIME	N/A			N/A	N/A
DATE	N/A			8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	SURFACE CONDITIONS:		
								Paved with concrete (~4")		
DESCRIPTION									Fill / Native	
			12	12	0.0	0	MH	Sandy silt w/ gravel. Very dark grayish brown (10YR, 3/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~50% Silt. ~30% Sand. ~20% Gravel (subangular basalt). Dry. No odor or staining.		FILL
			12	12	0.0	0.5				
			48	48	0.0	1.0	SP	Gravelly sand with silt. Brown (10YR, 7/3). <5% Silt. ~35-40% Gravel (subangular, basalt). ~55-60% Sand, poorly graded. Dry. No odor or staining.		
					2.0	2.5				
					3.0	3.5				
					4.0	4.5				
					0.0	5.0	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~70% Silt. ~30% Sand. Dry. No odor or staining. Dark Gray (10 YR, 4/1) at the bottom, with some gravel between 6.5 and 7.0 ft bgs.		
					6.0	6.5				
			60	60	0.0	7.0				
					0.1	8.0	Cinder	Volcanic cinder. Black (10YR, 2/1). Wet. Slight petroleum hydrocarbon odor and sheen between 8 and 9 ft bgs.		
					9.0	9.5				
					0.0	10	SP	Coralline gravelly sand. Brown (10YR, 4/3). ~70 Sand. ~30% Gravel. Poorly graded. Wet. No odor or staining.		
					10.5	11				
End of boring at 11 ft bgs										

Geotek HI

Drilling Contractor:

Date: 8/18/2020

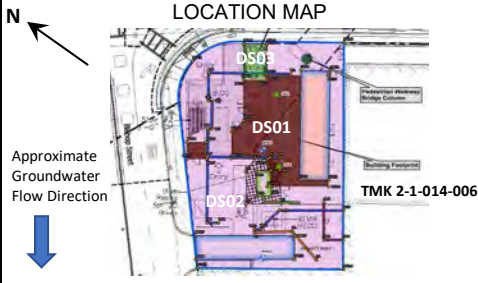
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-08	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION				DRILLING	
CASING DIAM.: N/A		CASING LENGTH: N/A		START	FINISH
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		TIME	TIME
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			
WATER LEVEL	N/A			N/A	N/A
TIME	N/A			DATE	DATE
DATE	N/A			8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	SURFACE CONDITIONS: Paved with concrete (~5")	
									DESCRIPTION	

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12	12		0.0	0	SP	Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	FILL
			12	12		0.0	0.5	SM		
			12	12		0.0	1.0	SM	Silty sand. Brown (10YR, 4/3). ~30% silt. ~70% Sand. Poorly graded. Dry. No odor or staining.	
			48	48		0.0	1.5	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Dry. No odor or staining.	
			48	48		0.0	2.0	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Dry. No odor or staining.	
						0.0	2.5	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Dry. No odor or staining.	
						0.0	3.0	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Dry. No odor or staining.	
						0.0	3.5	GM	Silty, sandy gravel. Gray (10YR, 6/1) to very dark grayish brown (10YR, 3/2). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inch in diameter. Well graded. Dry. No odor or staining.	
						0.0	4.0	MH	Clayey silt. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. Dry. No odor or staining.	
						0.0	4.5	MH	Clayey silt. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. Dry. No odor or staining.	
						0.0	5.0	GM	Silty, sandy gravel. Brown (10YR, 4/3). ~30% Silt. ~20% Sand. ~50% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.	
						0.0	5.5	GM	Silty, sandy gravel. Brown (10YR, 4/3). ~30% Silt. ~20% Sand. ~50% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.	
						0.0	6.0	GM	Silty, sandy gravel. Brown (10YR, 4/3). ~30% Silt. ~20% Sand. ~50% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.	
			36	24		0.0	6.5	SP	Coralline gravelly sand. Poorly graded. Dry. No odor or staining.	
						0.0	7.0	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Moist. No odor or staining.	
						0.0	7.5	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Moist. No odor or staining.	
						0.0	8.0	MH	Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Moist. No odor or staining.	
						0.0	8.5	SP	Sandy gravel w/ silt. Black (10YR, 2/1). <5% Silt. ~30-35% sand. ~60-65% Gravel, subangular, basalt, up to 1-inch in diameter. Some debris (plastic/ceramic tile and paper/wood debris). Wet. No odor.	
						0.0	9.0	SP	Sandy gravel w/ silt. Black (10YR, 2/1). <5% Silt. ~30-35% sand. ~60-65% Gravel, subangular, basalt, up to 1-inch in diameter. Some debris (plastic/ceramic tile and paper/wood debris). Wet. No odor.	
						0.0	9.0		End of boring (REFUSAL) at 9.0 ft bgs (basalt)	
						0.0	9.5			
						0.0	10			

Geotek HI

Drilling Contractor:

Date: 8/18/2020

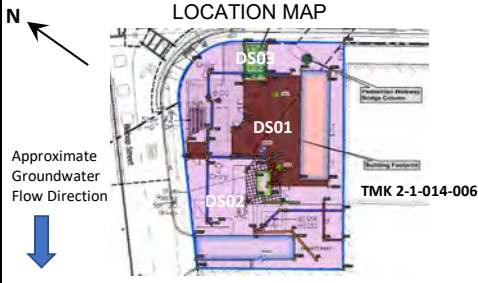
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-09	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12	12		0.0	0	SP	Gravelly sand w/ silt and concrete. Light gray (10YR, 7/1). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining. Concrete probably from surface.	FILL
			12	12		0.0	0.5			
			12	12		0.0	1.0	GM	Silty, sandy gravel. Brown (10YR, 4/3). ~20% Silt. ~30% Sand. ~50% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Silt percentage increasing with depth. Dry. No odor or staining.	
			48	36		0.0	1.5			
						0.0	2.0			
						0.0	2.5			
						0.0	3.0			
						0.0	3.5			
						0.0	4.0	GP	Sandy gravel w/ silt. Black (10YR, 2/1). <5% Silt. ~30-35% sand. ~60-65% Gravel, subangular, basalt, up to 1 inch in diameter, poorly graded. Wet. No odor.	
						0.0	4.5			
						0.0	5.0		Wet from ~7.5 ft bgs	
						0.0	5.5			
						0.0	6.0			
			29	16		0.0	6.5			
						0.0	7.0			
						0.0	7.5			
						0.0	8.0			
							8.5			
							9.0		End of boring (REFUSAL) at 8.4 ft bgs (basalt)	
							9.5			
							10			

Geotek HI

Drilling Contractor:

Date: 8/18/2020

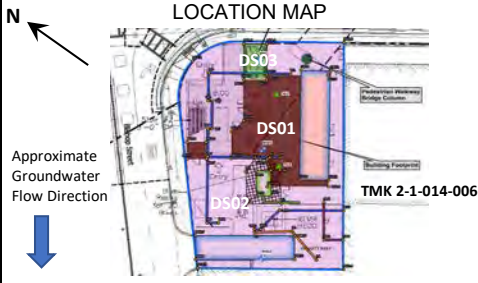
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-10	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	
			??				2.5	
			??				3.0	
					0.0		3.5	
							4.0	
					0.0		4.5	
							5.0	
					0.0		5.5	
							6.0	
			??				6.5	
			??				7.0	
					0.0		7.5	
							8.0	
					0.0		8.5	
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
<p>Gravelly sand w/ silt. Light brownish gray (10YR, 6/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.</p>							FILL
<p>Missing notes on lithology and photos not available, but fieldbook reports no petroleum impact at this boring location.</p>							
End of boring (REFUSAL) at 9.2 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

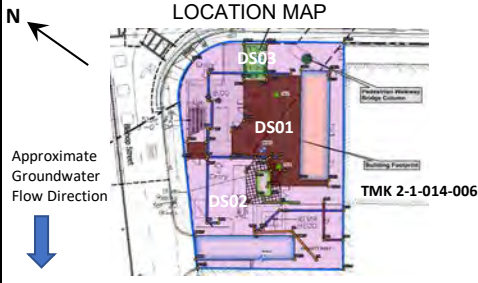
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-11	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/18/20	8/20/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	
			12				1.5	
			48		0.0		2.0	
			32		0.0		2.5	SP
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	
					0.0		5.0	
					0.0		5.5	
					0.0		6.0	
			30		0.0		6.5	MH
			18		0.0		7.0	
					0.0		7.5	
					0.0		8.0	GM
							8.5	
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). Olive yellow (2.5Y, 6/6) between 4 and 4.5 ft bgs. <5% Silt. ~25-30% Gravel (subangular basalt). ~65-70% Sand. Poorly graded. Dry. No odor or staining.							FILL
Sandy silt w/ gravel. Brown (10YR, 4/3). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~65% Silt. ~25% Sand. ~10 Gravel. Moist to wet. No odor or staining.							
Sandy gravel w/ silt. Black (10YR, 2/1). <5% Silt. ~30-35% Sand. ~60-65% Gravel, subangular, basalt, up to 1 inch in diameter. Wet. No odor.							
End of boring (REFUSAL) at 8.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

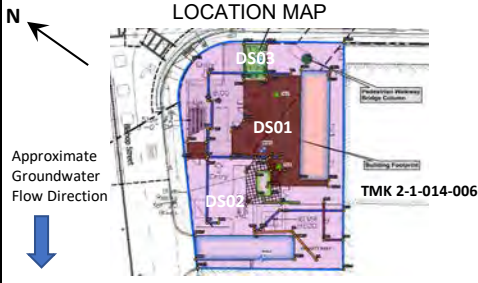
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-12	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
					0.0		2.0	
			48	20			2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			29	15			6.5	
					0.0		7.0	
							7.5	
						4.8	8.0	GW
							8.5	
							9.0	
							9.5	
							10	

DESCRIPTION		Fill / Native
Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.		FILL
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.		
Staining and odor toward the bottom.		
Wet from ~7 ft bgs.		
Sandy gravel. Gray (10YR, 5/1). ~30% Sand. ~70% Gravel, well graded, subangular, basalt, up to 2 inches in diameter. Wet. Petroleum hydrocarbon staining/LNAPL and odor.		
End of boring (REFUSAL) at 8.4 ft bgs (basalt)		

Geotek HI

Drilling Contractor:

Date: 8/18/2020

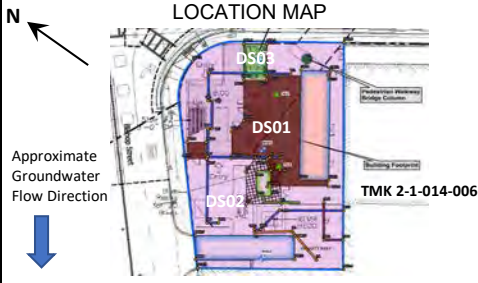
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-13	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test	N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			24		0.0		2.5	
					0.0		3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GM
					0.0		5.0	
					0.0		5.5	
			24		0.0		6.0	
			18				6.5	
							7.0	
							7.5	GW
							8.0	
							8.5	
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.							
Sandy gravel. Black (10YR, 2/1). ~15-20% Sand. ~80-85 Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Wet. Petroleum hydrocarbon staining/LNAPL and odor.							
End of boring (REFUSAL) at 8 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

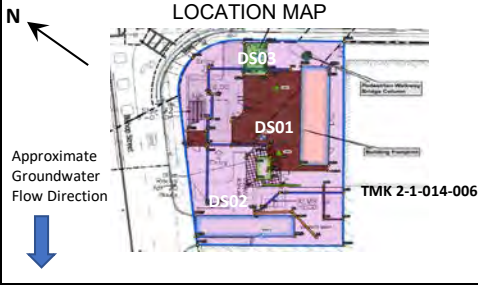
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-15	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/18/20	8/20/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12		0.0	0	
			12			0.5	
			12		0.0	1.0	SP
			12			1.5	
			48		0.0	2.0	
			48			2.5	
				0.0		3.0	
						3.5	
				0.0		4.0	
						4.5	
				0.0		5.0	GM
						5.5	
				0.0		6.0	
			42			6.5	
			42			7.0	
				0.0		7.5	
						8.0	
						8.5	
					31.4	9.0	SP
						9.5	
						10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

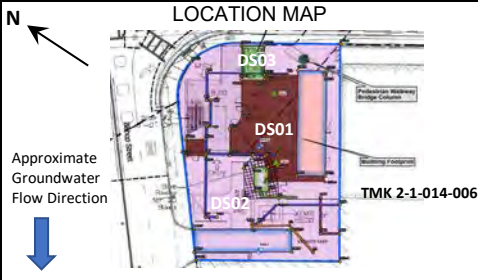
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-16	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/18/20	8/20/20	

GPT Test N/A Recov PID Lithology

SURFACE CONDITIONS:
Paved with concrete (~4")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	SP
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
					0.0		2.0	GM
			48				2.5	
					0.0		3.0	GM
							3.5	
					0.0		4.0	GM
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	GM
							6.5	
			42	30			7.0	GM
					0.0		7.5	
					0.0		8.0	GM
							8.5	
						14.3	9.0	SP
							9.5	
							10	

DESCRIPTION	Fill / Native
Paved with concrete (~4")	
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.	
Wet from ~7 ft bgs.	
Sand. Black (10YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.	
End of boring (REFUSAL) at 9.5 ft bgs (basalt)	

FILL

Geotek HI

Drilling Contractor:

Date: 8/18/2020

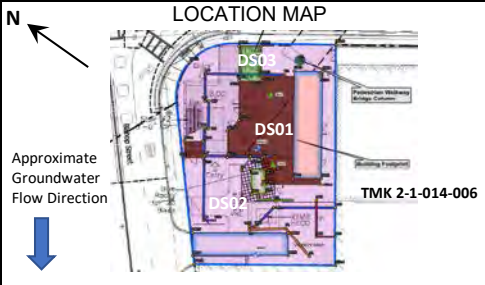
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-17	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	
			12				0.5	
			12			0.0	1.0	SP
			12				1.5	
			48		0.0		2.0	
			48				2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	GM
							5.5	
					0.0		6.0	
			42				6.5	
			42				7.0	
					0.0		7.5	
							8.0	
							8.5	
					18.5		9.0	SP
							9.5	
							10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

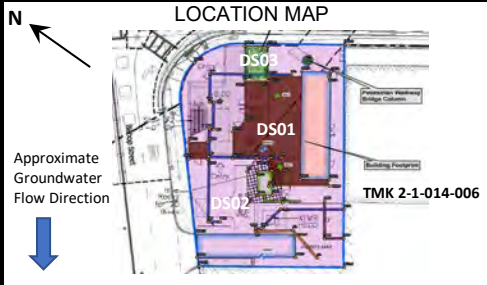
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-18	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12			0.5	
			12	12		0.0	1.0	
			12	12			1.5	
			48	48	0.0		2.0	
			48	48			2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	
					0.0		5.0	
							5.5	
					0.0		6.0	
							6.5	
			42	42			7.0	
					0.0		7.5	
							8.0	
							8.5	
					18.9		9.0	
							9.5	
							10	

DESCRIPTION	Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	FILL
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.	
Wet from ~7 ft bgs.	
Sand. Black (10YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.	
End of boring (REFUSAL) at 9.5 ft bgs (basalt)	

Geotek HI

Drilling Contractor:

Date: 8/18/2020

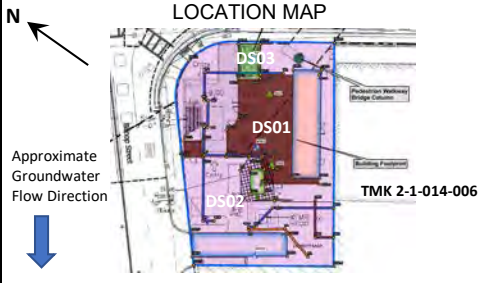
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-19	
SAMPLING METHOD: MIS						SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION						DRILLING	
CASING DIAM.: N/A			CASING LENGTH: N/A			START	FINISH
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			TIME	TIME
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12		0.0	0	
			12			0.5	
			12		0.0	1.0	SP
			12			1.5	
			48		0.0	2.0	
			32			2.5	
					0.0	3.0	
						3.5	
					0.0	4.0	GM
						4.5	
					0.0	5.0	
						5.5	
					0.0	6.0	
			42			6.5	
			30			7.0	
						7.5	
					21	8.0	GW
						8.5	
						9.0	
						9.5	SP
						10	

DESCRIPTION								Fill / Native
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.								FILL
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 1 inch in diameter. Well graded. Dry. No odor or staining.								
Coralline sandy gravel. Gray (10YR, 6/1). ~30% Sand. ~70 Gravel, subangular, coralline, up to 1 inch in diameter. Well graded. Wet. Petroleum hydrocarbon staining/LNAPL and odor.								
Sand. Black (10YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.								
End of boring (REFUSAL) at 9.5 ft bgs (basalt)								

Geotek HI

Drilling Contractor:

Date: 8/18/2020

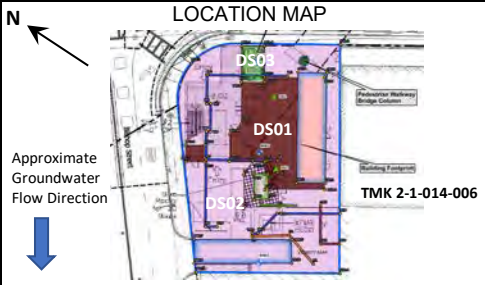
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-21	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							
							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12			0.5	
			12	12		1.9	1.0	SP
			12	12			1.5	
			48	36	0.0		2.0	
							2.5	
					0.0		3.0	
							3.5	
					0.0		4.0	
							4.5	GM
					0.0		5.0	
							5.5	
					0.0		6.0	
			30	24			6.5	
							7.0	
							7.5	GW
							8.0	
							8.5	
							9.0	
							9.5	
							10	

Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10YR, 4/3) to dark reddish brown (2.5YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Odor and staining from approximately 6.5 ft bgs.							
Wet at ~7 ft bgs.							
Sandy gravel. Gray (10YR, 5/1). ~30% Sand. ~70% Gravel, well graded, subangular, basalt, up to 2 inches in diameter. Wet. Petroleum hydrocarbon staining/LNAPL and odor.							
End of boring (REFUSAL) at 8.5 ft bgs (basalt)							

FILL

Geotek HI

Drilling Contractor:

Date: 8/18/2020

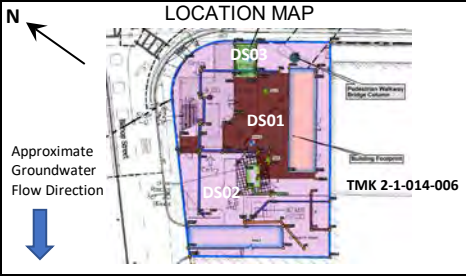
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS01-22	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		TIME	TIME
WATER LEVEL		N/A		N/A	N/A
TIME		N/A		DATE	DATE
DATE		N/A		8/17/20	8/21/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS:
Paved with concrete (~5")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12	0.0	0	
			12	12	0.2	0.5	
			12	12	0.0	1.0	
			48	48	0.0	2.0	
			48	48	0.0	2.5	
					0.0	3.0	
					0.0	3.5	
					0.0	4.0	
					0.0	4.5	
					0.0	5.0	
					0.0	5.5	
					0.0	6.0	
			54	54	0.0	6.5	
					0.0	7.0	
					0.0	7.5	
					0.0	8.0	
					0.0	8.5	
					0.0	9.0	
					0.0	9.5	
					0.0	10	

DESCRIPTION	Fill / Native
Gravelly sandy w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.	FILL
Sandy gravelly silt with clay. Very dark grayish brown (10YR, 3/2). <5% Clay. Silt ~60%. Sand ~25%. Gravel ~15%. Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Dry. No odor or staining.	
Sandy gravel. Pale yellow (2.5YR, 8/3). ~20% Sand. ~80% Gravel, subangular, up to 2 inches in diameter. Poorly graded. Dry. No odor of staining.	
Sandy, clayey silt. Dark grayish brown (10YR, 4/2). None to low strength, none to slow dilatancy, low toughness, none to low plasticity. ~15 clay. ~70% Silt. ~15% Sand. Dry. No odor or staining.	
Silty sand. Gray (10YR, 5/1). ~20% Silt. ~80 Medium sand, poorly graded. Moist to wet. No odor or staining.	NATIVE
Volcanic cinder. Black (10YR, 2/1). Wet. Slight petroleum hydrocarbon odor toward the bottom.	
Coralline sandy gravel. Very pale brown (10YR, 7/3). Sand 20%. Gravel 80%, coralline, poorly graded. Wet. No odor or staining. End of boring 10.5 feet bgs.	

Geotek HI

Drilling Contractor:

Date: 8/17/2020

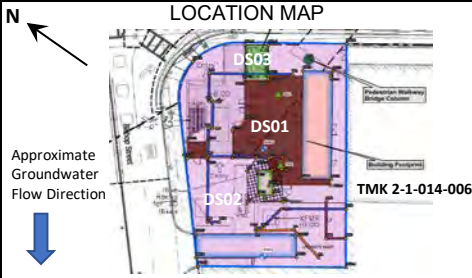
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-23	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION				DRILLING	
CASING DIAM.: N/A		CASING LENGTH: N/A		START	FINISH
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		TIME	TIME
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A		N/A	N/A
WATER LEVEL	N/A			DATE	DATE
TIME	N/A			8/18/20	8/20/20
DATE	N/A				

CPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~8")	
DESCRIPTION	
	Fill / Native

SAMPLE NUMBER	6 INCHES BLOWS	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12	12		0.0	0			
			12	12			0.5			
			12	12		1.9	1.0	SP	Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.	
			12	12			1.5			
			48	48		0.0	2.0			
			48	48			2.5		Silty, sandy gravel. Dark red (2.5YR, 3/6). ~10% Silt. ~20% Sand. ~70% Gravel, subangular, basalt, up to 1 inches in diameter. Well graded. Dry.	
						0.0	3.0			
							3.5			
						0.0	4.0			
							4.5	GM		
						0.0	5.0			
							5.5		Wet from ~5.5 ft bgs.	
						0.0	6.0			
			60	60			6.5		Gravel transitions from red to gray at bottom.	
						0.2	7.0		Slight odor and possible sheen at ~7 ftbgs	
							7.5	Cinder		
						0.0	8.0		Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Wet. No odor or staining.	
							8.5			
						0.0	9.0	MH	Sandy silt. Olive brown (2.5YR, 4/4). ~75% Silt. ~25% Sand. None to low strength, none to slow dilatancy, low toughness, none to low plasticity. No odor or staining,	
							9.5			
						0.0	10	GP	Sandy gravel. Pale yellow (2.5YR, 8/3). ~30% Sand. ~70 Gravel, coralline, up to 1 inch in diameter, poorly graded. No odor or staining. End of boring 11 ft bgs.	

Geotek HI

Drilling Contractor:

Date: 8/18/2020

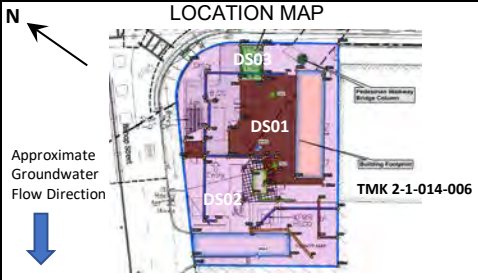
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-24	
SAMPLING METHOD: MIS						SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION						DRILLING	
CASING DIAM.: N/A			CASING LENGTH: N/A			START	FINISH
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			TIME	TIME
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		N/A	N/A
WATER LEVEL		N/A				DATE	DATE
TIME		N/A				8/18/20	8/20/20
DATE		N/A					

CPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~8")							
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SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft. bgs)	USCS CODE / Symbol	DESCRIPTION	
								Fill / Native	
			12		0.0	0	SP	Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.	FILL
			12		1.9	0.5			
			12		0.0	1.0			
			48		0.0	2.0	GM	Silty, sandy gravel. Dark red (2.5YR, 3/6). ~10% Silt. ~20% Sand. ~70% Gravel, subangular, basalt, up to 1 inches in diameter. Well graded. Dry. No odor or staining.	
			48		0.0	2.5			
					0.0	3.0	MH	Clayey, gravelly silt with sand. Dark gray (10YR, 4/1). ~15 Clay. ~60 silt. <5% sand. ~20 Gravel. Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Moist. No odor or staining.	
					0.0	3.5			
					0.0	4.0			
					0.0	4.5			
					0.0	5.0	MH	Sand and gravel fractions increase with depth.	
					0.0	5.5			
			60		0.0	6.0	Cinder	Volcanic cinder. Black (10YR, 2/1). Moist to wet. Slight petroleum hydrocarbon odor toward the bottom. No staining.	
			60		4.0	6.5			
					0.0	7.0	GP	Sandy gravel. Pale yellow (2.5YR, 8/3). ~30% Sand. ~70 Gravel, coralline, up to 1 inch in diameter, poorly graded. Wet. No odor or staining.	NATIVE
					0.0	7.5			
					0.0	8.0			
					0.0	8.5			
					0.0	9.0	GP		
					0.0	9.5			
						10			

End of boring 11 ft bgs

Geotek HI

Drilling Contractor:

Date: 8/18/2020

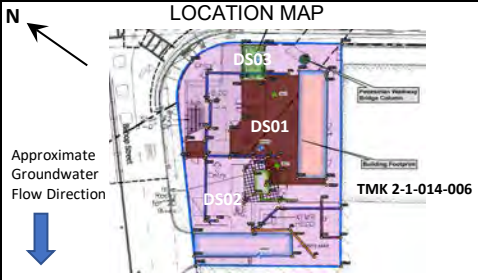
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-25	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION					
CASING DIAM.: N/A			CASING LENGTH: N/A		
SCREEN SIZE: N/A			SCREEN LENGTH: N/A		
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A	
WATER LEVEL		N/A		START	FINISH
TIME		N/A		TIME	TIME
DATE		N/A		8/18/20	8/20/20

CPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")					
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SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	
			12			0.5	
			12		1.9	1.0	SM
			12			1.5	
				0.0		2.0	
			48			2.5	GM
			48			3.0	
				0.4	3.1	3.5	SP
						4.0	
						4.5	
				3.8	6.6	5.0	MH
						5.5	
				6.0	8.3	6.0	
			60			6.5	
			60			7.0	
				0.0		7.5	
						8.0	Cinder
				0.0		8.5	
				0.0		9.0	
						9.5	GM
						10.0	

DESCRIPTION	Fill / Native
Silty, gravelly sand. Very dark grayish brown (10YR, 3/2). ~30% Silt. ~50% Sand. ~20% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.	FILL
Silty, sandy gravel. Dark brown (10YR, 3/3). ~10% Silt. ~20% Sand. ~70% Gravel, subangular, basalt, up to 1 inches in diameter. Well graded. Dry. No odor or staining.	
Gravelly Sand. Black (10YR, 2/1). ~80% Sand. ~20% Gravel. Poorly graded. Dry. No odor or staining.	
Clayey, sandy, gravelly silt. Dark gray (10YR, 4/1). ~20 Clay. ~50 silt. 15% sand. ~15 Gravel. Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Moist.	
Petroleum hydrocarbon odor between 5 and 6 ft bgs. Clay contant increasing at the bottom.	
Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Moist. No odor or staining.	NATIVE
Silty, sandy gravel. Olive brown (2.5YR, 4/3). ~30% Silt. ~20% Sand. ~50% Gravel, subangular, basalt, up to 1 inch in diameter. Moist. No odor or staining.	
End of boring (REFUSAL) 9.5 ft bgs (basalt)	

Geotek HI

Drilling Contractor:

Date: 8/18/2020

Sergio Cocchia

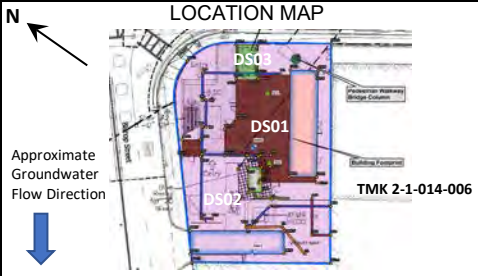
Logged By:



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS02-26	
SAMPLING METHOD: MIS				SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION				DRILLING	
CASING DIAM.: N/A		CASING LENGTH: N/A		START	FINISH
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		TIME	TIME
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A		N/A	N/A
WATER LEVEL	N/A			DATE	DATE
TIME	N/A			8/18/20	8/20/20
DATE	N/A				

CPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~5")	
DESCRIPTION	
	Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12		0.0	0	SM	Silty, gravelly sand. Very dark grayish brown (10YR, 3/2). ~30% Silt. ~50% Sand. ~20% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.	FILL
			12		0.0	0.5			
			12		0.0	1.0	MH	Clayey, sandy, gravelly silt. Olive brown (2.5YR, 4/3). ~10% Clay. ~50 Silt. 20% Sand. ~20 Gravel. Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. No odor or staining. Moist from ~6 ft bgs. Petroleum hydrocarbon odor between 5 and 6 ft bgs. Clay content increasing at the bottom.	
			12		0.0	1.5			
			48		0.0	2.0			
			48		0.0	2.5			
					0.0	3.0			
					0.0	3.5			
					0.0	4.0			
					0.0	4.5			
					0.0	5.0			
					0.0	5.5			
			60		0.0	6.0	Cinder	Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Moist. No odor or staining.	
			60		0.0	6.5			
					0.0	7.0			
					0.0	7.5			
					0.0	8.0			
					0.0	8.5	SP	Sandy gravel. Pale yellow (2.5YR, 8/3). ~30% Sand. ~70 Gravel, coralline, up to 1 inch in diameter, poorly graded. Wet. No odor or staining.	
					0.0	9.0			
					0.0	9.5			
					0.0	10		End of boring 11 ft bgs.	NATIVE

Geotek HI

Drilling Contractor:

Date: 8/18/2020

Sergio Cocchia

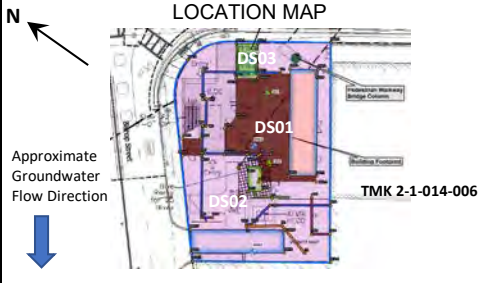
Logged By:



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-27	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A	SAND SIZE: N/A	# BAGS: N/A			TIME	TIME	
WATER LEVEL	N/A				N/A	N/A	
TIME	N/A				DATE	DATE	
DATE	N/A				8/18/20	8/20/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~4")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12		0.0	0	
			12			0.5	
			12		0.0	1.0	SP
			12			1.5	
			48		0.0	2.0	
			48			2.5	
					0.0	3.0	
						3.5	
					0.0	4.0	
						4.5	
					0.0	5.0	GM
						5.5	
					0.0	6.0	
			42			6.5	
			42			7.0	
					0.0	7.5	
						8.0	
					0.0	8.5	
					43.3	9.0	SP
						9.5	
						10	

							FILL
Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.							
Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.							
Wet from ~7 ft bgs.							
Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 9.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

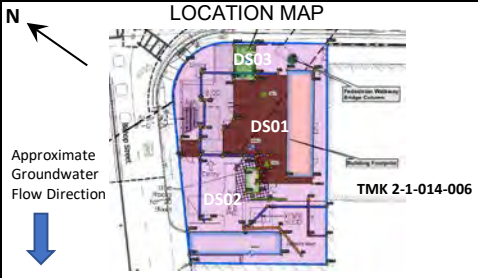
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-28	
SAMPLING METHOD: MIS						SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION						DRILLING	
CASING DIAM.: N/A			CASING LENGTH: N/A			START	FINISH
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			TIME	TIME
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		N/A	N/A
WATER LEVEL		N/A				DATE	DATE
TIME		N/A				8/18/20	8/20/20
DATE		N/A					

CPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~8")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12		0.0	0			
			12			0.5			
			12		1.9	1.0	SP	Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.	FILL
			12			1.5			
			48		0.0	2.0			
			48		0.0	2.5			
					0.0	3.0			
					0.0	3.5			
					0.0	4.0			
					0.0	4.5	MH	Clayey, gravelly silt with sand. Dark gray (10YR, 4/1). ~15 Clay. ~60 silt. <5% sand. ~20 Gravel. Low to medium strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Moist from ~6 ft bgs. No odor or staining.	FILL
					0.0	5.0			
					0.0	5.5			
			60		0.0	6.0			
			45		0.0	6.5			
					0.0	7.0			
					0.0	7.5			
					0.0	8.0	Cinder	Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Moist to wet. Slight hydrocarbon odor at the top.	NATIVE
					3.8	8.5			
					0.0	9.0			
					0.0	9.5	GP	Sandy gravel. Pale yellow (2.5YR, 8/3). ~30% Sand. ~70 Gravel, coralline, up to 1 inch in diameter, poorly graded. Wet. No odor or staining.	NATIVE
					0.0	10			
End of boring 11 ft bgs.									

Geotek HI

Drilling Contractor:

Date: 8/18/2020

Logged By: Sergio Cocchia

JACOBS PLAN MAP				CLIENT: HART	LOCATION: Downtown Station (HECO HPP)	PROJECT: Phase II ESA at the Downtown Station			
				DRILLING METHOD: DPS				BORING No. DS02-29	
				SAMPLING METHOD: MIS				TEMPORARY MONITORING WELL CONSTRUCTION	
				CASING DIAM.: N/A		CASING LENGTH: N/A		SHEET 1 OF 1	
				SCREEN SIZE: N/A		SCREEN LENGTH: N/A		DRILLING	
				SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A	
				WATER LEVEL		N/A		START	FINISH
				TIME		N/A		TIME	TIME
				DATE		N/A		DATE	DATE
				DATE		N/A		8/18/20	8/20/20
				SURFACE CONDITIONS: Paved with concrete (~4")					
				DESCRIPTION					
				Fill / Native					
SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH INCHES DRIVE INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol			
		12 12		0.0	0	SP	Gravelly sand w/ silt. Brown (10YR, 4/3). <5% Silt. ~35-40% Gravel (subangular basalt). ~55-60% Sand. Poorly graded. Dry. No odor or staining.		
		12 12		0.0	0.5				
		12 12			1.0				
				0.0	1.5				
		48 48			2.0	GM	Silty, sandy gravel. Brown (10 YR, 4/3) to dark reddish brown (2.5 YR, 3/4). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Well graded. Dry. No odor or staining.		
				0.0	2.5				
				0.0	3.0				
				0.0	3.5				
				0.0	4.0				
				0.0	4.5				
				0.0	5.0				
		42 30		0.0	6.0	SP	Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining and odor.		
				0.0	6.5				
				0.0	7.0				
				0.0	7.5				
				0.0	8.0	End of boring (REFUSAL) at 9.5 ft bgs (basalt)			
				0.0	8.5				
					9.0	End of boring (REFUSAL) at 9.5 ft bgs (basalt)			
					9.5				
					10	End of boring (REFUSAL) at 9.5 ft bgs (basalt)			

Geotek HI

Drilling Contractor:

Date: 8/18/2020

Logged By: Sergio Cocchia

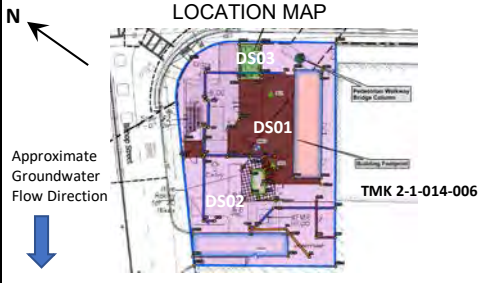
FILL



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS02-30	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					8/18/20	8/20/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")							
DESCRIPTION							Fill / Native

SAMPLE NUMBER	BLOWS / 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12			0.0	0	SP
			12				0.5	
			12			0.0	1.0	
			12				1.5	
					0.0		2.0	GM
			48				2.5	
			36				3.0	
					0.0		3.5	
					0.0		4.0	
					0.0		4.5	GP
					0.0		5.0	
					0.0		5.5	
					0.0		6.0	GW
					0.0		6.5	
			30				7.0	GP
			24				7.5	
							8.0	GP
							8.5	
							9.0	
							9.5	
							10	

DESCRIPTION							Fill / Native
Gravelly sand w/ silt. Grayish brown (10YR, 5/2) to brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular basalt). Poorly graded. Dry. No odor or staining.							FILL
Silty, sandy gravel. Brown (10YR, 4/3) to very dark brown (2.5YR, 2/2). ~15% Silt. ~15% Sand. ~70% Gravel, subangular, basalt, up to 2 inches in diameter. Coral at the bottom. Well graded. Dry. No odor or staining.							
Sandy gravel. Black (10YR, 2/1). ~40% Sand. ~60% Gravel, poorly graded, subangular, basalt, up to 1 inch in diameter. No staining or odor.							
Sandy gravel. Brown (10YR, 5/3). ~25 Sand. ~75 Gravel, well graded, up to 2 inch in diameter. Wet from ~7 ft bgs. No staining or odor.							
Sandy gravel. Black (10YR, 2/1). ~40% Sand. ~60% Gravel, poorly graded, subangular, basalt, up to 1 inch in diameter. Wet. Petroleum hydrocarbon staining and odor.							
End of boring (REFUSAL) at 8.5 ft bgs (basalt)							

Geotek HI

Drilling Contractor:

Date: 8/18/2020

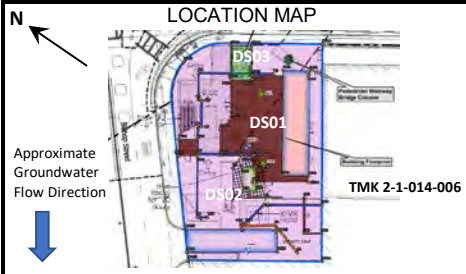
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS				BORING No. DS03-01	
SAMPLING METHOD: MIS					
TEMPORARY MONITORING WELL CONSTRUCTION				SHEET 1 OF 1	
CASING DIAM.: N/A		CASING LENGTH: N/A		DRILLING	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A		START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		TIME	TIME
WATER LEVEL		N/A		N/A	N/A
TIME		N/A		DATE	DATE
DATE		N/A		08/19/20	08/19/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with asphalt (~4")	
DESCRIPTION	
Fill / Native	

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	
			12	12		0.0	0.5	
			12	12		0.0	1.0	
			48	48		0.0	2.0	
			48	48		0.0	2.5	
						0.0	3.0	
						0.0	3.5	
						0.0	4.0	
						0.0	4.5	
						0.0	5.0	
						0.0	5.5	
			48	48		0.0	6.0	
						0.0	6.5	
						0.0	7.0	
						0.0	7.5	
						0.0	8.0	
						0.0	8.5	
						0	9.0	
							9.5	
							10	

DESCRIPTION	Fill / Native
Gravelly sand with silt. Brown (10YR, 4/3) to reddish brown (2.5YR, 4/4). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular, basalt). Poorly graded. Dry. No odor or staining.	FILL
Sandy silty gravel. Reddish brown (2.5YR, 4/4) to very dark brown (10YR, 2/2). Basalt gravel, subangular, up to 2 inches in diameter, well graded. Dy. No odor or staining.	
Wet from ~7.5 feet bgs.	
Fine-grained portion increases with depth.	
End of boring (REFUSAL) at 9.5 ft bgs (basalt)	

Geotek HI

Drilling Contractor:

Date: 8/19/2020

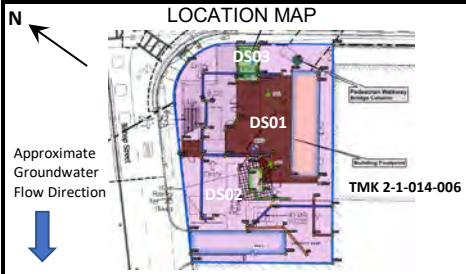
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS						BORING No. DS03-02	
SAMPLING METHOD: MIS							
TEMPORARY MONITORING WELL CONSTRUCTION						SHEET 1 OF 1	
CASING DIAM.: N/A			CASING LENGTH: N/A			DRILLING	
SCREEN SIZE: N/A			SCREEN LENGTH: N/A			START	FINISH
SAND TYPE: N/A		SAND SIZE: N/A		# BAGS: N/A		TIME	TIME
WATER LEVEL	N/A					N/A	N/A
TIME	N/A					DATE	DATE
DATE	N/A					08/19/20	08/19/20

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS:
Paved with asphalt (~4")

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol	DESCRIPTION	Fill / Native
			12	12		0.0	0		Gravelly sand with silt. Brown (10YR, 4/3) to reddish brown (2.5YR, 4/4). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular, basalt). Poorly graded. Dry. No odor or staining.	
			12	12		0.0	0.5	SP		
			12	12		0.0	1.0			
			48	48		0.0	2.0			
			48	48		0.0	2.5		Sandy gravel. Reddish brown (2.5YR, 4/4). Basalt gravel, subangular, up to 2 inches in diameter, well graded. Dy. No odor or staining	FILL
						0.0	3.0			
						0.0	3.5			
						0.0	4.0			
						0.0	4.5	GW		
						0.0	5.0			
						0.0	5.5		Wet at ~7.5 ft bgs	
			48	48		0.0	6.0			
						0.0	6.5			
						0.0	7.0			
						0.0	7.5		Sand. Black (10 YR, 2/1). Medium grained, poorly graded. Wet. Petroleum hydrocarbon staining/sheen and odor.	
						22	8.0	SP		
							8.5			
							9.0		End of boring (REFUSAL) at 9.5 ft bgs (basalt)	
							9.5			
							10			

Geotek HI

Drilling Contractor:

Date: 8/19/2020

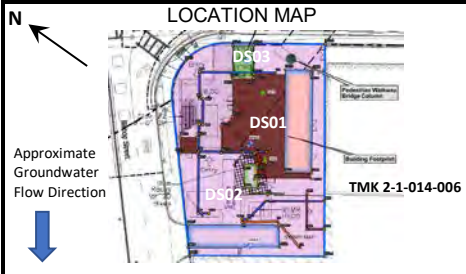
Logged By: Sergio Cocchia



CLIENT:
HART

LOCATION:
Downtown Station
(HECO HPP)

PROJECT:
Phase II ESA at the Downtown Station



DRILLING METHOD: DPS		BORING No. DS03-03	
SAMPLING METHOD: MIS		SHEET 1 OF 1	
TEMPORARY MONITORING WELL CONSTRUCTION			
CASING DIAM.: N/A		CASING LENGTH: N/A	
SCREEN SIZE: N/A		SCREEN LENGTH: N/A	
SAND TYPE: N/A		SAND SIZE: N/A	
SAND TYPE: N/A		# BAGS: N/A	
WATER LEVEL		N/A	
TIME		N/A	
DATE		N/A	
DATE		08/18/20	
DATE		08/19/20	

GPT Test N/A	Recov	PID	Lithology
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SURFACE CONDITIONS: Paved with concrete (~6")			
DESCRIPTION			
Fill / Native			

SAMPLE NUMBER	BLOWS 6 INCHES	SAMPLE DEPTH	INCHES DRIVEN	INCHES RECOVERED	CORE READING (ppm)	HEADSPACE READING (ppm)	DEPTH (ft bgs)	USCS CODE / Symbol
			12	12		0.0	0	SP
			12	12		0.0	1.0	
			48	48			2.0	
					0.0		3.0	
					0.0		4.0	MH
					0.0		5.0	
			48	48			6.0	CL
					0.0		7.0	
					0.0		8.0	Cinder
					0.0		9.0	
					0.0		10	SP
			60	60			11	
					0.0		12	Cinder
					0.0		13	
					0.0		14	SP
			60	60			15	
					0.0		16	SP
					0.0		17	
					0.0		18	
					0.0		19	
							20	

Gravelly sand with silt. Brown (10YR, 4/3). <5% Silt. ~55-60% Sand. ~35-40% Gravel (subangular, basalt). Poorly graded. Dry. No odor or staining.		FILL
Some iron oxidation at the bottom.		
Sandy silt. Dark gray (10YR, 4/1). Low to medium strength, none to slow dilatancy, low to medium toughness, no to low plasticity. Dry. No odor or staining.		
Silty clay. Dark gray (10YR, 4/1). Medium to high strength, no to slow dilatancy, low to medium toughness, no to low plasticity. Wet from ~7.5 ft bgs.		
Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Moist to wet. Slight hydrocarbon odor at the top.		NATIVE
Gravelly sand. Pale yellow (2.5YR, 8/3). Coralline, poorly graded. Wet No odor or staining. Gravel portion increases with depth.		
Volcanic cinder. Black (10YR, 2/1). Wet. Some petroleum hydrocarbon odor toward the bottom. Moist to wet. Slight hydrocarbon odor at the top.		
Gravelly sand. Pale yellow (2.5YR, 8/3). Coralline, poorly graded. Wet No odor or staining.		
End of boring at 20 ft bgs		

Drilling Contractor: Geotek HI

Date: 8/19/2020

Logged By: Sergio Cocchia

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Appendix C-2
Purge Logs

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Sample Log Development Log Purge Log

Project: Phase II Environmental Site Assessment for the Civic Center Station

Site: Civic Center Station

Project No: 706447CH.01.02.P2.S1.02

Well ID: TW01

Field Crew: SP, ST

Date: 8/31/20

Screen Interval (ft bgs): 4.5 to 14.5

Climatic Conditions: sunny cloudy partially cloudy rainy

Well Diameter (in): 1.5"

Purge Method: peristaltic bailer wterra submersible bladder

PID reading (ppmv): 0.0

Pump placement (ft btoc): 4.5 10.0

Water Level Indicator: Oil/Water Probe (INRFC)
 Probe (PROBE) Tape (TAPE)

Pump Rate (gpm): 150

Total Well Depth (ft btoc): 14.61

Length of Saturated Zone (ft): 7.76

Depth to Water (ft btoc): 6.85

Casing Volume (gal):

Liquid in Well: WATER (W) LNAPL (L)

Sampling Method: VOCs

DNAPL (D) DRY (Y)

Method: nonVOCs

Depth to LNAPL (ft): N/A

Sampling Depth (ft btoc): 9.5 @ 10.0

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Gallons Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*				± 0.1	± 3%	± 10% or < 10 NTU	± 0.3 mg/L	± 1°C	NA	± 10 mV	NA	
Start pump												
1326	6.85	150	0.3	7.67	51.9	0.0	4.70	26.62	34.2	28		
1329	6.84	150	0.8	7.66	52.0	0.0	4.67	26.10	34.2	16		
1332	6.81	150	1.2	7.67	52.1	0.0	5.93	25.75	34.6	12		
1339	6.81	150	1.6	7.67	52.3	0.0	5.21	25.68	34.4	12		
1338	6.80	150	2.0	7.67	52.2	0.0	4.85	25.63	34.4	12		
1341	6.80	150	2.4	7.68	52.3	0.0	4.68	25.62	34.4	13		
1344	6.80	150	2.8	7.68	52.3	0.0	4.60	25.60	34.4	13		
1347	6.80	150	3.2	7.67	52.3	0.0	4.63	25.55	34.4	13		

Sample, Development, or Purge Water Information

Color	clear	IDW Disposal Method	
Odor	None	Return to site	
Turbidity	None		
Laboratory Analysis	<input checked="" type="checkbox"/> VOCs SW8260B <input checked="" type="checkbox"/> TPH-G SW8015-P <input checked="" type="checkbox"/> PAHs SW8270C-SIM <input checked="" type="checkbox"/> Pesticides SW8081A <input checked="" type="checkbox"/> Metals SW6010.7000 <input type="checkbox"/> SVOCs SW8270C <input checked="" type="checkbox"/> TPH-D/O SW8015-E <input checked="" type="checkbox"/> PCBs SW8082 <input type="checkbox"/> Herbicides SW8151 <input type="checkbox"/> Lead SW7421 <input type="checkbox"/> Other: MNA Parameters <input type="checkbox"/> Total Mercury SW7470A		

Laboratory Sample

Sample ID	Sample Date	Sample Time	Total No. of Bottles
DS-TW01-0820	8/31/20	1350	10
Field Duplicate			
Matrix Spike			
Matrix Spike Duplicate			

Notes: Metals field filtered with 0.45µm Filter

Equipment used (IDs): Geoprobe Q172 Geocontrol, IP 311 836
MULTIFLEX 102633, Horiba YQVEDM YW

Analytical Laboratory: APPL Laboratories Transported via: Hand Overnight

Signature/Sampler: [Signature] Shipped by Tracie Sober

Capacity of Casing (gal/linear feet): 1"-0.84; 2"-0.16; 4"-0.65; 6"-1.47; 8"-2.60; 10"-4.08

For low flow purging: 0.1 to 0.5 L/min is equivalent to 0.026 to 0.132 gal/min

* Per the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form.

For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater.

*C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
btoc = below top of casing gpm = gallon per minute mS/cm = milliSiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound

ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:

ORP_(sample) = ORP_(field) + CF; CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.); Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)²; Eh(Zobell's-ref.) = -1.3(T)+260.5

Sample Log Development Log Purge Log

Project: Phase II Environmental Site Assessment for the Civic Center Station
 Station: HFCO - DOWNTOWN STATION
 Project No: 706447CH.01.02.P2.SS.02
 Field Crew: SP/SP
 Site: Civic Center Station HFCO - DOWNTOWN STATION
 Well ID: MW-02
 Date: 8/31/20

Screen Interval (ft bgs): 5 to 10
 Well Diameter (in): 3"
 PID reading (ppmv): 0.0
 Water Level Indicator: Oil/Water Probe (INRF) Probe (PROBE) Tape (TAPE)
 Total Well Depth (ft btoc): 10.0 ft
 Depth to Water (ft btoc): 7.38
 Liquid in Well: WATER (W) LNAPL (L) DNAPL (D) DRY (Y)
 Depth to LNAPL (ft): NA
 Climatic Conditions: sunny cloudy partially cloudy rainy
 Purge Method: peristaltic bailer waterwa submersible bladder
 Pump placement (ft btoc): 80 ft
 Pump Rate (gpm): 100 gpm
 Length of Saturated Zone (ft): 2.62
 Casing Volume (gal):
 Sampling Method: VOCs Bladder PMP, nonVOCs Bladder PMP
 Sampling Depth (ft btoc): 8.0 ft.

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Liters Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*				±0.1	±3%	±10% or <10 NTU	±0.3 mg/L	±1°C	NA	±10 mV	NA	
1315	Start pump	(87) 100.0										
1318	7.37	0.3	0.3	8.03	48.6	0.8	7.16	31.41	31.44	155		- slow redox
1321	7.35	0.6	0.6	8.00	48.1	0.0	6.91	20.79	31.68	155		
1324	7.34	0.9	0.9	7.96	48.8	0.0	6.89	28.75	32.08	154		
1327	7.35	1.2	1.2	7.95	50.0	0.0	6.50	27.98	33.06	151		
1330	7.35	1.5	1.5	7.94	50.3	0.0	6.51	28.06	32.84	150		
1333	7.35	100.0	1.8	7.92	50.5	0.0	6.30	27.48	37.45	149		
1336	7.35	100.0	2.1	7.93	50.9	0.0	6.38	27.43	33.28	149		

Sample, Development, or Purge Water Information

Color: Clear/none
 Odor: none
 Turbidity: clear
 IDW Disposal Method: return to site.
 Laboratory Analysis: VOCs SW8260B TPH-G SW8015-P PAHs SW8270C-SIM Pesticides SW8081A Metals SW6010/7000
 SVOCs SW8270C TPH-DIO SW8015-E PCBs SW8082 Herbicides SW8151 Lead SW7421
 Other: MNA Parameters Total Mercury SW7470A

Laboratory Sample

Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample DS-MW02-0820	8/31/20	1345	10
Field Duplicate	-	-	-
Matrix Spike	-	-	-
Matrix Spike Duplicate	-	-	-

Notes: Field filtered with 0.45 um filter.
 Equipment used (IDs): MultiRAE, Horiba U-52, Geo control pump, IP C102633, C102630, 69 PCSXYR, 1756, C102228
 Analytical Laboratory: APPL Laboratories
 Transported via: Hand Overnight
 Signature/Sampler: [Signature] Shipped by Tracee Sober.

Capacity of Casing (gal/linear feet): 1"-0.041; 2"-0.30; 3"-0.65; 4"-0.65; 6"-1.1; 8"-2.61; 10"-4.08
 For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.025 to 0.132 gal/min
 * Per the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form.
 For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater.
 °C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound
 ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:
 ORP_(sample) = ORP_(field) + CF; CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.); Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)²; Eh(Zobell's-ref.) = -1.3(T)+260.5

Sample Log Development Log Purge Log

Project: Phase II Environmental Site Assessment for the Civic Center Station
 Station: **HECO Downtown Station**
 Project No: 706447CH.01.02.P2.S1.02
 Field Crew: **ST/SP**

Site: **HECO Downtown Station**
 Well ID: **MW-03**
 Date: **8/31/2020**

Screen Interval (ft bgs): **3.0 to 13.0**
 Well Diameter (in): **1.5"**
 PID reading (ppmv): **0.0**
 Water Level Indicator: Oil/Water Probe (INRFC)
 Probe (PROBE) Tape (TAPE)
 Total Well Depth (ft btoc): **13.0 ft.**
 Depth to Water (ft btoc): **6.73**
 Liquid in Well: WATER (W) LNAPL (L)
 DNAPL (D) DRY (Y)
 Depth to LNAPL (ft): **NA**

Climatic Conditions: sunny cloudy partially cloudy rainy
 Purge Method: peristaltic bailer wterra submersible bladder
 Pump placement (ft btoc): **8.0 ft. btoc**
 Pump Rate (gpm): **200 mL/min**
 Length of Saturated Zone (ft): **6.27**
 Casing Volume (gal):
 Sampling Method: **Bladder pump**
 VOCs nonVOCs
 Sampling Depth (ft btoc): **8.0 ft. btoc**

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Liters Gallons Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*												
				±0.1	±3%	±10% or <10 NTU	±0.3 mg/L	±1°C	NA	±10 mV	NA	
915	Start pump											
918	6.79	200	0.6	6.83	45.4	0.0	7.26	27.12	29.4	232		
921	6.80		1.2	7.17	49.1	0.0	7.79	26.80	32.1	216		
924	6.81		1.8	7.26	49.3	0.0	7.70	26.71	32.2	212		
927	6.81		2.4	7.28	48.6	0.0	7.36	26.70	31.7	205		
930	6.81		3.0	7.29	48.5	0.0	7.22	26.67	31.7	204		
933	6.81	200	3.6	7.32	48.5	0.0	7.08	26.64	31.6	199		
936	6.81	200	4.2	7.33	48.5	0.0	6.93	26.60	31.7	197		
939	6.81	200	4.8	7.36	48.6	0.0	6.98	26.57	31.3	188		

Sample, Development, or Purge Water Information

Color: **none**
 Odor: **none**
 Turbidity: **clear**
 IDW Disposal Method: **return to site.**

Laboratory Analysis: VOCs SW8260E TPH-G SW8015-P PAHs SW8270C-SIM Pesticides SW8081A Metals SW6010/7900
 SVOCs SW8270C TPH-DIO SW8015-E PCBs SW8082 Herbicides SW8151 Lead SW7421
 Other: MNA Parameters Total Mercury SW7470A

Laboratory Sample

	Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample	DS-MW03-0820	8/31/20	0945	10
Field Duplicate	DS-MW103-0820	8/31/20	0950	10
Matrix Spike				
Matrix Spike Duplicate				

Notes: **Metals field filtered with 0.45 um filter**

Equipment used (IDs): **Intutrac Dnkr, MultiRAE, Horiba U-52, Geomtr pump, 311836, C102633, Y9VEDMYW, 17516**

Analytical Laboratory: **APPL Laboratories** Transported via: Hand Overnight

Signature/Sampler: **[Signature]** Shipped by **Tracie Sobor**

Capacity of Casing (gal/linear feet): 1"-0.04; 2"-0.16; 4"-0.65; 6"-1.47; 8"-2.61; 10"-4.08

For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.026 to 0.132 gal/min

* Per the TCM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form.

For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater.

°C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound

ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:

$$ORP_{(sample)} = ORP_{(field)} + CF; CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.); Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)^2; Eh(Zobell's-ref.) = -1.3(T)+260.5$$

Sample Log Development Log Purge Log

Project: Phase II Environmental Site Assessment for the Civic Center Station
 Project No: 706447CH.01.02.P2.02
 Field Crew: SP:ST

Site: Civic Center Station
 Well ID: MW06
 Date: 8/31/20

Screen Interval (ft bgs): 2.0 to 12.5
 Well Diameter (in): 2.0"
 PID reading (ppmv): 0.0
 Water Level Indicator: Oil/Water Probe (INRFC)
 Total Well Depth (ft btoc): 12.5
 Depth to Water (ft btoc): 5.80
 Liquid in Well: WATER (W) LNAPL (L)
 Depth to LNAPL (ft): N/A

Climatic Conditions: sunny cloudy partially cloudy rainy
 Purge Method: peristaltic bailer watterra submersible bladder
 Pump placement (ft btoc): 7.00
 Pump Rate (gpm): 150
 Length of Saturated Zone (ft): 6.7
 Casing Volume (gal):
 Sampling Method: VOCs: Bladder pump
 nonVOCs: Bladder pump
 Sampling Depth (ft btoc): 7.00

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Gallons Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*				± 0.1	± 3%	±10% or <10 NTU	±0.3 mg/l.	±1°C	NA	± 10 mV	NA	
0849	Start pump											
0849	5.80	150	0.3									
0854	5.78	150	0.8	7.78	51.0	30.0	18.90	24.71	33.2	-29		
0857	5.77	150	1.2	7.84	50.8	12.5	2.16	24.69	33.3	-37		
0900	5.77	150	1.6	7.86	50.9	4.3	1.56	24.68	33.3	-38		
0903	5.77	150	2.0	7.87	51.0	0.9	1.28	24.68	33.4	-40		
0906	5.77	150	2.4	7.89	51.0	0.0	1.14	24.71	33.4	-43		
0909	5.78	150	2.8	7.90	51.1	0.0	1.08	24.71	33.5	-43		
0912	5.78	150	3.2	7.92	51.1	0.0	1.04	24.73	33.5	-46		
0915	5.78	150	3.6	7.94	51.3	0.0	0.99	24.82	33.6	-47		

Sample, Development, or Purge Water Information

Color: Clear IDW Disposal Method: Return to site
 Odor: None
 Turbidity: None

Laboratory Analysis: VOCs SW8260B TPH-G SW8015-P PAHs SW8270C-SIM Pesticides SW8081A Metals SW6010/7000
 SVOCs SW8270C TPH-D/O SW8015-E PCBs SW8082 Herbicides SW8151 Lead SW7421
 Other: MNA Parameters Total Mercury SW7470A

Laboratory Sample

	Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample	DS-MW06-0820	8/31/20	0920	10
Field Duplicate		8/31/20	0925	10
Matrix Spike	DS-MW06-MW06-0820MS	8/31/20	0925	10
Matrix Spike Duplicate	DS-MW06-0820MSD	8/31/20	0925	10

Notes: Metals field filtered with 0.45um filter

Equipment used (IDs): Geoprobe 2172 Geocontrol, IPC 63228
 MultiRAE 102633, Horiba 69PCSXR

Analytical Laboratory: APPL Laboratories Transported via: Hand Overnight

Signature/Sampler: [Signature] Shipped by Tracie Weber

Capacity of Casing (gal/linear feet): 1"-0.041, 2"-0.16, 4"-0.65, 6"-1.17, 8"-2.6, 10"-4.08
 For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.026 to 0.132 gal/min
 * Per the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form.
 For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater.

°C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound

ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:
 ORP_(sample) = ORP_(field) + CF ; CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.) ; Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)² ; Eh(Zobell's-ref.) = -1.3(T)+260.5

Project: HART Field Crew: Sham Tom Screen Interval (ft bgs): 4.5 to 14.5 Well Diameter (in): 1.5" PID reading (ppmv): 0.0 Water Level Indicator: <input checked="" type="checkbox"/> Oil/Water Probe (INRFC) <input type="checkbox"/> Probe (PROBE) <input type="checkbox"/> Tape (TAPE) Total Well Depth (ft btoc): 14.5 Depth to Water (ft btoc): 6.77 Liquid in Well: <input checked="" type="checkbox"/> WATER (W) <input type="checkbox"/> LNAPL (L) <input type="checkbox"/> DNAPL (D) <input type="checkbox"/> DRY (Y) Depth to LNAPL (ft): NA	Site: HECO-DOWNTOWN STATION Well ID: TW-01 Date: 10/13/2020 Climatic Conditions: <input checked="" type="checkbox"/> sunny <input type="checkbox"/> cloudy <input type="checkbox"/> partially cloudy <input type="checkbox"/> rainy Purge Method: <input type="checkbox"/> peristaltic <input type="checkbox"/> bailer <input type="checkbox"/> watera <input type="checkbox"/> submersible <input checked="" type="checkbox"/> bladder Pump placement (ft btoc): 10.5 ft. Pump Rate (gpm): mL/min 150 Length of Saturated Zone (ft): 7.73 Casing Volume (gal): ^{liters} 2.686 Sampling Method: VOCs bladder pump in 40me VOA nonVOCs Sampling Depth (ft btoc): 10.5 ft.
--	--

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Gallons Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*				±0.1	±3%	±10% or <10 NTU	±0.3 mg/L	±1°C	NA	±10 mV	NA	
1235	Start pump											
1240	6.77	150	0.75	7.80	48.5	29.0	4.88	27.30	31.6	15		
1245			1.50	7.89	47.0	47.5	6.07	27.09	30.6	17		
1250			2.25	7.91	48.5	37.6	6.21	26.69	31.7	9		
1255			3.00	7.91	48.7	22.9	5.88	26.47	31.8	3		
1300			3.75	7.91	49.6	5.6	5.75	26.40	32.5	1		
1305			4.50	7.91	49.6	4.1	5.59	26.41	32.4	-1		
1310			5.25	7.91	49.7	2.5	5.50	26.30	32.5	-5		

Sample, Development, or Purge Water Information

Color: clear Odor: none Turbidity: clear	IDW Disposal Method: return to site
Laboratory Analysis: <input checked="" type="checkbox"/> VOCs SW8260B <input type="checkbox"/> TPH-G SW8015-P <input type="checkbox"/> PAHs SW8270C-SIM <input type="checkbox"/> Pesticides SW8081A <input type="checkbox"/> Metals SW6010-7000 <input type="checkbox"/> SVOCs SW8270C <input type="checkbox"/> TPH-D/O SW8015-E <input type="checkbox"/> PCBs SW8082 <input type="checkbox"/> Herbicides SW8151 <input type="checkbox"/> Lead SW7421 <input type="checkbox"/> Other: MNA Parameters <input type="checkbox"/> Total Mercury SW7470A	

Laboratory Sample

	Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample	DS-TW01-1020	10/13/20	1320	3
Field Duplicate				
Matrix Spike				
Matrix Spike Duplicate				

Notes:

Equipment used (IDs): MULHRAE (C103114), ID (31242), Horiba U-52 (728V06A), Gas Control Pump (1859)

Analytical Laboratory: APPL **Transported via:** Hand Overnight

Signature/Sampler: *[Signature]*

Capacity of Casing (gal/linear feet): 1'-0.04; 2'-0.1; 4'-0.65; 6'-1.47; 8'-2.61; 10'-4.08
 For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.026 to 0.132 gal/min
 * Per the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form
 For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTU, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater
 °C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound
 ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:
 ORP_(sample) = ORP_(data) + CF, CF = Eh(Zobell's-theor) - Eh(Zobell's-ref) ; Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)² ; Eh(Zobell's-ref) = -1.3(T)+260.5

Project: **HART 706 704067CH**
 Field Crew: **Shane Tom**

Site: **HECO-DOWNTOWN STATION**
 Well ID: **MW-03**
 Date: **10/13/20**

Screen Interval (ft bgs): **3.0 to 13.5**
 Well Diameter (in): **2.0**
 PID reading (ppmv): **0.0**
 Water Level Indicator: Oil/Water Probe (INRFC)
 Probe (PROBE) Tape (TAPE)
 Total Well Depth (ft btoc): **13.0 ft**
 Depth to Water (ft btoc): **6.69**
 Liquid in Well: WATER (W) LNAPL (L)
 DNAPL (D) DRY (Y)
 Depth to LNAPL (ft): **N/A**

Climatic Conditions: sunny cloudy partially cloudy rainy
 Purge Method: peristaltic bailer wattera submersible bladder
 Pump placement (ft btoc): **10.0 ft**
 Pump Rate (gpm): **150 ml/min**
 Length of Saturated Zone (ft): **6.31**
 Casing Volume (gal): **3.898**
 Sampling Method: **VOCs**
bladder pump in 40ml vial
 nonVOCs
 Sampling Depth (ft btoc): **10.0 ft**

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Liters Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*				± 0.1	± 3%	±10% or <10 NTU	±0.3 mg/L	±1°C	NA	±10 mV	NA	
1025	Start pump											
1030	10.0 ft	150	0.75	7.84	52.0	4.6	1.60	26.24	33.8	-86		
1035			1.5	7.94	51.5	0.0	0.56	27.2	33.4	-9		
1040			2.25	7.94	50.7	0.0	0.48	27.70	33.3	-27		
1045			3.0	7.94	50.7	0.0	0.46	27.70	33.3	-28		
1050			3.75	7.94	50.7	0.0	0.46	27.71	33.3	-35		

Sample, Development, or Purge Water Information

Color: **clear**
 Odor: **none**
 Turbidity: **clear**
 IDW Disposal Method: **return to site.**

Laboratory Analysis:
 VOCs SW8260B TPH-G SW8015-P PAHs SW8270C-SIM Pesticides SW8081A Metals SWE010/7000
 SVOCs SW8270C TPH-D/O SW8015-E PCBs SW8082 Herbicides SW6151 Lead SW7421
 Other: MNA Parameters Total Mercury SW7470A

Laboratory Sample

	Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample	DS-MW03-1020	10/13/20	11:00	3
Field Duplicate	DS-MW103-1020	10/13/20	11:05	3
Matrix Spike				
Matrix Spike Duplicate				

Notes: **none**

Equipment used (IDs): **MULTIRAE, IP, HANNA V-52, geo control Pro pump (C10311A), (31242), (7218VD6A), (1859)**

Analytical Laboratory: _____ Transported via: Hand Overnight

Signature/Sampler: **Sh**

Capacity of Casing (gallons feet): 1"-0.041; 2"-0.16; 4"-0.65; 6"-1.47; 8"-2.61; 10"-4.08
 For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.026 to 0.132 gal/min
 * Per the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 3 to 5-minute intervals stabilize to within the tolerances indicated in this form.
 For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ±10 percent at concentrations larger than 10 NTU in areas of known turbid groundwater.
 °C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound
 ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:
 ORP_{sample} = ORP_{field} + CF - CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.) ; Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)² ; Eh(Zobell's-ref.) = -1.3(T)+260.5

Project: HART Field Crew: Shane Tom	Site: HECO - DUMP TOWN STATION Well ID: MW-06 Date: 10/13/20
Screen Interval (ft bgs): 2.0 to 12.5 Well Diameter (in): 2.0 PID reading (ppmv): 0.0 Water Level Indicator: <input checked="" type="checkbox"/> Oil/Water Probe (INRFC) <input type="checkbox"/> Probe (PROBE) <input type="checkbox"/> Tape (TAPE) Total Well Depth (ft btoc): 12.5 Depth to Water (ft btoc): 5.81 Liquid in Well: <input checked="" type="checkbox"/> WATER (W) <input type="checkbox"/> LNAPL (L) <input type="checkbox"/> DNAPL (D) <input type="checkbox"/> DRY (Y) Depth to LNAPL (ft): N/A	Climatic Conditions: <input type="checkbox"/> sunny <input type="checkbox"/> cloudy <input checked="" type="checkbox"/> partially cloudy <input type="checkbox"/> rainy Purge Method: <input type="checkbox"/> peristaltic <input type="checkbox"/> bailer <input type="checkbox"/> watterra <input type="checkbox"/> submersible <input checked="" type="checkbox"/> bladder Pump placement (ft btoc): 9.5 Pump Rate (gpm): 150 mL/min Length of Saturated Zone (ft): 6.69 Casing Volume (gal): Like 4.133 Sampling Method: VOCs bladder pump in 40 mL vial nonVOCs Sampling Depth (ft btoc): 9.5

Field Parameters

Time	Depth to Water (ft btoc)	Purge Rate (gpm)	Field Gallons Removed	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	Salinity (ppt)	ORP (mV) field	ORP (mV) corrected	Comments
Requirements for Parameter Stabilization*												
907	Start pump			± 0.1	± 3%	± 10% or <10 NTU	± 0.3 mg/L	± 1°C	NA	± 10 mV	NA	
912	5.81	150	0.75	7.23	52.2	102	5.08	26.01	34.4	-53		
917			1.5	7.24	52.2	59.6	4.62	26.01	34.4	-105		
922			2.25	7.72	51.9	23.3	3.25	26.01	34.1	-154		
927			3.0	7.71	51.7	19.0	3.04	26.02	34.0	-162		
932			3.75	7.73	51.6	11.6	2.84	26.02	33.9	-167		
937			4.5	7.75	51.6	9.9	2.80	26.03	34.0	-169		
942			5.0	7.75	51.6	8.8	2.80	26.03	34.0	-170		

Sample, Development, or Purge Water Information

Color: clear Odor: none Turbidity: clear	IDW Disposal Method: return to site
Laboratory Analysis: <input checked="" type="checkbox"/> VOCs SW8260B <input type="checkbox"/> TPH-G SW8015-P <input type="checkbox"/> PAHs SW8270C-SIM <input type="checkbox"/> Pesticides SW8081A <input type="checkbox"/> Metals SW610/7000 <input type="checkbox"/> SVOCs SW8270C <input type="checkbox"/> TPH-D/O SW8015-E <input type="checkbox"/> PCBs SW8082 <input type="checkbox"/> Herbicides SW8151 <input type="checkbox"/> Lead SW7421 <input type="checkbox"/> Other: MNA Parameters <input type="checkbox"/> Total Mercury SW7470A	

Laboratory Sample

	Sample ID	Sample Date	Sample Time	Total No. of Bottles
Normal Sample	DS-MW06-1020	10/13/20	945	3
Field Duplicate				
Matrix Spike	DS-MW06-MS-1020	10/13/20	950	3
Matrix Spike Duplicate	DS-MW06-MS(D)-1020	10/13/20	955	3

Notes: None

Equipment used (IDs): MULTIRAE (C1031141) 1P(31242), Hanna U-52 (7218V06A), Geocomp Pump (1309)

Analytical Laboratory: ADPL **Transported via:** Hand Overnight

Signature/Sampler: *[Signature]*

Capacity of Casing (gal/linear feet): 1"-0.041; 2"-0.167; 3"-0.250; 4"-0.333; 5"-0.417; 6"-0.500; 8"-0.667; 10"-0.833

For low-flow purging: 0.1 to 0.5 L/min is equivalent to 0.025 to 0.132 gal/min

* For the TGM, well purging should be considered complete when three successive readings of all of the indicator parameters taken at 2 to 5-minute intervals stabilize to within the tolerances indicated in this form.

For turbidity - well water is clear to the unaided eye in areas where the local groundwater is known to be clear and the turbidity readings are below 10 NTUs, or turbidity within ± 10 percent of concentrations larger than 10 NTU in areas of known turbid groundwater.

°C = degree Celsius DO = dissolved oxygen in = inch mV = millivolt PID = photoionization detector
 bgs = below ground surface ft = foot LNAPL = light nonaqueous phase liquid NTU = nephelometric turbidity unit ppmv = part per million by volume
 btoc = below top of casing gpm = gallon per minute mS/cm = millisiemens per centimeter ORP = oxidation reduction potential VOC = volatile organic compound

ORP measurements recorded in the field have been corrected and are also reported against the standard hydrogen electrode (SHE) applying the following formula:

ORP_{corrected} = ORP_{field} + CF CF = Eh(Zobell's-theor) - Eh(Zobell's-ref.) ; Eh(Zobell's-theor) = 430 - 2.3(T-25) - 0.0038(T-25)² ; Eh(Zobell's-ref.) = -1.3(T)+260.5

Appendix C-3
Soil Vapor Log

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Soil Gas Probe Field Leak Testing, Purging, and Sampling

Site: Downtown Station Makai Lot

Date: 9/4/2020

Weather conditions: Partly cloudy, 80-87 degrees Fahrenheit

Personnel: ST, SP

Sample ID	Canister #	Flow Controller #	Landfill Gas Analyzer							PID VOCs (ppm)	Probe purging							Field Leak Testing				Begin Sampling			End Sampling		
			Methane - No Carbon Trap (%)	Methane - With Carbon Trap (%)	CO ₂ (%)	O ₂ (%)	Balance (%)	Methane LEL (%)	Probe Depth (ft)		Tube Length (ft)	Calculated Purge Volume (mL)	3x Purge Volume (mL)	Purge Duration (min) @ ~200 mL/min	Actual Purge Volume (mL)	Purge Vacuum (in Hg)	Manifold Leak Test (Pass/Fail)	Helium from Probe Tubing (ppm)	Helium inside Shroud (%)	Leak Rate (helium from probe / helium inside shroud PPM)	Date	Time	Initial Pressure (in Hg)	Date	Time	Final Pressure (in Hg)	
DS-SG01-0920	75C00262	OA00995	0	NA	0.2	20.9	78.9	0	0.4	4.5	6	323	1,014	10	2,000	0	Pass	0	73.3	0	9/4/2020	1020	-29.49	9/4/2020	1220	-5.86	
DS-SG101-0920	75C00245	OA001146	0	NA	0.2	20.9	78.9	0	0.4	4.5	6	323	1,014	10	2,000	0	Pass	0	73.3	0	9/4/2020	1020	-29.48	9/4/2020	1220	-7.08	
DS-SG02-0920	75C00472	OA00152	0	NA	1.6	20.9	77.5	0	0.3	4.5	6	323	1,014	10	2,000	0	Pass	0	61	0	9/4/2020	1110	-29.47	9/4/2020	1310	-6.22	

ID = identification number
in = inches
Hg = mercury

min - minutes
mL = milliliters
% = percent

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Appendix C-4
Calibration Logs

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Certificate of Calibration

Instrument Type: Horiba U-52 Serial Number: HER-01

Calibration Solution : Lot# GA3323 X-08/2021

Calibration Solution

Temp 17.6 C
pH 4.00 / 7.00
Cond. 0.00 mS/cm / 4.49 mS/cm
Turbidity 0 NTU / 800 NTU
DO 0.00 mg/l / 10.50 mg/l @17.6 C
ORP 228mv

Result

Temp 17.6 C
pH 4.00 / 7.00
Cond. 0.00 mS/cm / 4.49 mS/cm
Turbidity 0 NTU / 800 NTU
DO 0.00 mg/l / 10.50 mg/l @17.6C
ORP 228mv

Calibrated by: SKA Calibration Date: 8-7-21

Certificate of Calibration

Instrument Type: Horiba U-52 Serial Number: 8JK4


Calibration Solution : Lot# GA3323 X-08/2021

Calibration Solution

Temp 17.6 C
pH 4.00 / 7.00
Cond. 0.00 mS/cm / 4.49 mS/cm
Turbidity 0 NTU / 800 NTU
DO 0.00 mg/l / 10.50 mg/l @17.6 C
ORP 228mv

Result

Temp 17.6 C
pH 4.00 / 7.00
Cond. 0.00 mS/cm / 4.49 mS/cm
Turbidity 0 NTU / 800 NTU
DO 0.00 mg/l / 10.50 mg/l @17.6C
ORP 228mv

Calibrated by:  Calibration Date: 8-27-20

Certificate of Calibration

Instrument Type: GEM 5000

Serial Number: G506108

Calibration Gas Lot #: LTB16424-CM exp. 05/2021

<i>Calibration Gas</i>	<i>Result</i>
CO2 35.0% Vol.	35.0% Vol.
CH4 50.0% Vol.	50.0% Vol.
OXY 0.0% Vol.	0.0% Vol.
OXY 20.9% Vol.	20.9% Vol.
CO 50 PPM	
H2S 25 PPM	

Calibrated by: _____



Calibration Date: _____

09/03/20

HAWAII ENVIRONMENTAL RENTAL
808-436-5575



CH2MHILL

MULTIRAE CALIBRATION LOG

Project: HART Downtown Station

MultiRae

Task Soil Sampling Date 8/17/20

Team SC, SP, AO C102633

Make and Model MULTIRAE Serial Number (M883206TNA)

Standard Hydrogen Sulfide Bottle Conc 10 ppm Bump? Pass Cal to -

Standard Carbon Monoxide Bottle Conc 50 ppm Bump? Pass Cal to -

Standard LEL Bottle Conc 50% Bump? Pass Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? Pass Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads 100.2⁰ Pass Calibrated to -

Standard Isobutylene Bump? Pass (100.2) Calibrated to -

ISOBUTYLENE Lot No KBT-X02A199CP170876 Concentration 100 ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task Soil Sampling Date 8/18/20

Team SC, SP, AO

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10 ppm Bump? Pass Cal to -

Standard Carbon Monoxide Bottle Conc 50 ppm Bump? Pass Cal to -

Standard LEL Bottle Conc 50% Bump? Pass Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? Pass Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads 93.0⁰ Pass Calibrated to -

Standard Isobutylene Bump? Pass (100.3) Calibrated to -

ISOBUTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100 ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task Soil Sampling Date 8/19/20

Team SC, SP, AO

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10 ppm Bump? Pass Cal to -

Standard Carbon Monoxide Bottle Conc 50 ppm Bump? Pass Cal to -

Standard LEL Bottle Conc 50% Bump? Pass Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? Pass Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads Pass Calibrated to -

Standard Isobutylene Bump? Pass (100.4) Calibrated to -

ISOBUTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100 ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]



CH2MHILL

MULTIRAE CALIBRATION LOG

Project:

MultiRae

Task Soil Sampling Date 8/20/20

Team SC, SP, ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? PASS Cal to -

Standard Carbon Monoxide Bottle Conc 50ppm Bump? PASS Cal to -

Standard LEL Bottle Conc 50% Bump? PASS Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? PASS Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads PASS Calibrated to -

Standard Isobutylene Bump? PASS Calibrated to -

ISOBUTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task Soil Sampling Date 8/21/20

Team SC, SP, ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? PASS Cal to -

Standard Carbon Monoxide Bottle Conc 50ppm Bump? PASS Cal to -

Standard LEL Bottle Conc 50% Bump? PASS Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? PASS Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads PASS Calibrated to -

Standard Isobutylene Bump? PASS Calibrated to -

ISOBUTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task MW + SG Installation Date 8/24/20

Team ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? - Cal to 10ppm

Standard Carbon Monoxide Bottle Conc 50ppm Bump? - Cal to 50ppm

Standard LEL Bottle Conc 50% Bump? - Cal to 50%

Standard Oxygen Bottle Conc 18% Bump? - Cal to 18%

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/26/22

Standard Ambient Air Reads 0.0 Calibrated to 0.0

Standard Isobutylene Bump? - Calibrated to 100.0ppm

ISOBUTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100.0ppm Exp 12/7/23

Calibrator Shane Tom SIGNED [Signature]



CH2MHILL

MULTIRAE CALIBRATION LOG

Project:

MultiRae

Task Soil Sampling Date 8/20/20

Team SC, SP, ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? Pass Cal to -

Standard Carbon Monoxide Bottle Conc 50ppm Bump? Pass Cal to -

Standard LEL Bottle Conc 50% Bump? Pass Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? Pass Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads Pass Calibrated to -

Standard Isobutylene Bump? Pass Calibrated to -

ISOBTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task Soil Sampling Date 8/21/20

Team SC, SP, ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? Pass Cal to -

Standard Carbon Monoxide Bottle Conc 50ppm Bump? Pass Cal to -

Standard LEL Bottle Conc 50% Bump? Pass Cal to -

Standard Oxygen Bottle Conc 18% vol Bump? Pass Cal to -

Calibration Gas Lot No 305-401727325-1 UN 1956 Exp 2/6/22

Standard Ambient Air Reads Pass Calibrated to -

Standard Isobutylene Bump? Pass Calibrated to -

ISOBTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100ppm Exp 12/7/23

Calibrator Samantha Pennington SIGNED [Signature]

MultiRae

Task MW + SG Installation Date 8/24/20

Team ST

Make and Model MULTIRAE Serial Number C102633

Standard Hydrogen Sulfide Bottle Conc 10ppm Bump? - Cal to 10ppm

Standard Carbon Monoxide Bottle Conc 50ppm Bump? - Cal to 50ppm

Standard LEL Bottle Conc 50% Bump? - Cal to 50%

Standard Oxygen Bottle Conc 18% Bump? - Cal to 18%

Calibration Gas Lot No 305-401777325-1 UN 1956 Exp 2/26/22

Standard Ambient Air Reads 0.0 Calibrated to 0.0

Standard Isobutylene Bump? - Calibrated to 100.0ppm

ISOBTYLENE Lot No KBT-X02A199CP170876-2 Concentration 100.0ppm Exp 12/7/23

Calibrator Shane Tom SIGNED [Signature]

Appendix D
Site Release Report

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Purpose of this form: This form is to be completed by HART's Contractor that encountered/observed the release during construction. If an environmental release occurs notification is required. See Section 6.0 of the EHMP for more information.

RELEASE INFORMATION

HDOH Release Identification #: 20200821-0955LG
Name and Affiliation of Person Completing Form: Frank Hopkins/Jacobs
Date and time: August 21, 2020

INCIDENT INFORMATION

Date and time of the incident: August 21, 2020 9:55AM

Weather at time of incident:

Temperature: 85°F Sunny Partly Cloudy Rainy Wind (Direction/Speed): _____

Damage to Structures: Yes/No Catastrophic Release (e.g., fire, explosion): Yes/No Other: _____

Types of environmental release (please check all that applies):

- Hydrocarbon sheen on surface water or groundwater
- Any amount of free product observed
- Discovery of a potentially hazardous material, including contaminated soil and or groundwater
- Any visual evidence of contamination (e.g., staining, ash, asphalt, construction debris, illegal dumping)
- Any olfactory evidence of contamination or a PID reading >10 ppm
- Any amount of oil >25 gallons released to the environment or <25 gallons and not contained or remediated within 72 hours
- Other: Grossly contaminated soil observed 1-2 feet below the water table but no sheen observed on groundwater

Media into which the release occurred or is likely to occur (Indicate all those that apply):

Air Soil Groundwater Stream Ocean Other: _____

Does this incident require initiation of Stop Work procedures? Yes/No

Name (trade and chemical) of the hazardous substance released: Unknown petroleum substance

Approximate quantity of the hazardous substance released: Unknown

Location of release:

GPS Coordinates: 21.30677; -157.86411
TMK Number: 2-1-014-006
Address: 170 Aloha Tower Dr., Honolulu, HI 96813

Describe how the incident occurred including the potential source:

Field crews observed what appeared to be grossly contaminated soil while performing Phase II Environmental Site Assessment sampling at the Hawaiian Electric Honolulu Power Plant property. Lithology at the site is generally characterized by fill material down to about 9.5 ft bgs, where native coralline sand and gravel is found. Groundwater is tidally influenced and generally found at approximately 7 ft below ground surface (bgs) in the mauka portion of the site and about 5 feet bgs in the makai portion (e.g., there is some difference in elevation between the two portions of the site). Fill material extends below the water table and includes a layer of grossly contaminated soil (black medium sand) that appears to continue laterally over a large portion of the site (see approximate extent in Figure 1 attached) and vertically between approximately 7.5 and 9 feet bgs (i.e., 1-2 feet below the water table, as observed in the soil cores). Within that layer, field crews noted petroleum hydrocarbon odor, staining, and elevated photoionization detector headspace measurements up to 160 parts per million (ppm).

The original sampling plan, which included soil multi-increment sampling (MIS) over three lateral decision units (DUs) and five vertical DU layers (layers A through E; 0-1, 1-2, 2-3, 3-4, and 4-5 feet bgs), was modified in the field in an attempt to delineate impacted areas to the extent practical (e.g., underground utilities/structures and aboveground structures did not allow sampling within some portions of the site, and refusal was obtained at several boring locations most likely on basalt cobbles at approximately 9.5 feet bgs).

For vertical delineation, three additional vertical DU layers were added for soil sampling (F through H, 5-6, 6-7.5, 7.5-9) across the site and, where drilling could be pushed to deeper depths (i.e., no refusal), another MIS soil sample was collected within the native coralline sand and gravel beneath the grossly contaminated soil (e.g., layer I, 9.5 to 11 feet bgs, where no field evidence of contamination was observed). For lateral delineation, while grossly contaminated soil extended over the entire extent of DU DS01, the outer portions of DU DS02 did not appear to be impacted. Therefore, the MIS soil sample from the grossly contaminated H layer within DU DS02 was split into two MIS samples (one where evidence of gross contamination was observed and one where no evidence was found).

No evidence of gross contamination was observed in groundwater.

In summary, as shown in Figure 1 and the photo log, the grossly contaminated soil extended from approximately 7.5 to 9 feet bgs over the central southeastern portions of the site.

Known or Suspected Releases/Sites in the Vicinity: A summary of previous investigations conducted for the property and known or suspected releases in the vicinity were provided in the "Work Plan for Phase II ESA at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii, Rev. 1 (HART, 2019)" and provided below. The attached Figure 2 is taken from the Work Plan and depicts the location of these areas relative to the subject site. Knowledge of the environmental conditions at the subject site is largely based on information provided in two reports:

- Phase I PSA (HLA, 1989)
- Phase I Environmental Site Assessment for the HART City Center Section, Honolulu, Oahu, Hawaii, "Appendix G-48, Phase I Environmental Site Assessment for Property TMK 2-1-014-006" (HART, 2017)

The 1989 PSA addressed the entire 149,644-square-foot HECO property; Appendix A includes a figure from the 1989 PSA showing the Downtown Station location in relation to the entire HECO property that had been included in the PSA. Limited soil and groundwater analytical results obtained during the 1989 PSA indicated the following environmental concerns:

- Reference to two fuel storage tanks located within the HECO property (not within the Downtown Station footprint).
- A 1969 release of fuel from a bulk storage tank located approximately 200 feet east of the HECO property.
- The removal of an underground storage tank (UST) in September 1989. State of Hawaii Department of Health (HDOH) UST records indicate a 1,000-gallon gasoline tank permanently out of use within the site.
- Three aboveground storage tanks (ASTs) observed within the site during the PSA (a 500-gallon kerosene AST, a 1,000-gallon propane AST, and 500-gallon propane AST).

Several of the nearby releases have the potential to affect the Downtown Station, including the following:

- Undated release from a HECO pipeline at the intersection of Ala Moana Blvd. and Bishop Street (approximately 0.1 mile north of the site). An unknown amount of diesel fuel or oil was released.
- HART Release 20141027-0845. Potential petroleum-contaminated soil (PCS) was encountered at geotechnical boring B-733 (located approximately 0.01 mile northeast of the site) at 8 feet below ground surface (bgs). Hydrocarbon odor and staining were observed in a soil sample from this location.
- HART Release 20121126-1706. PCS was encountered in stockpiled soil from archeological survey trenches C111, C113, and C115. Total petroleum hydrocarbons, diesel-range organics (TPH-d), benzo[a]pyrene, and lead were detected above unrestricted use EALs.
- HART Release 20140225-0815. PCS was encountered at geotechnical boring B-735 (located approximately 0.01 mile to the northeast of the site) from 7 to 7.8 feet bgs, where a tar-like substance was observed in soil.
- HDOH Release 20140731-1317. A mercury spill of 1.5 ounces was reported at the HECO Honolulu Power Plant located at 170 Ala Moana Blvd. A release response was conducted and the activity result was State On-Scene Coordinator No Further Action (SOSC NFA).

HDOH also collected a split sample and reported that samples are of a hydrocarbon fraction, appears to be aged, with carbon ranging from C10 – C30 and the bulk between C14 – C25. Further discussion will be provided in the Phase II ESA Report at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii anticipated to be available at the end of October 2020.

Field Measurements:

Ambient PID reading
(ppm):

Headspace PID reading
(ppm) and depth interval:
160 ppm

Other: _____

Duration of the release: _____ Not applicable (N/A) – pre-existing contamination; duration not known

RESPONSE INFORMATION

Describe corrective actions taken to eliminate the source of the release:

The observation was part of an ongoing environmental investigation; results and further recommendations will be presented in the Phase II ESA at the HECO Honolulu Power Plant, Honolulu, Oahu, Hawaii.

Reuse in Work Area:

- Groundwater re injected/reinfiltrated within work area where generated? N/A
- Soil returned to excavation? N/A

Temporary Storage Details:

- Volume of soil stored: 0 cubic yards
- Volume of water stored: 0 gallons
- Location of stored stockpiles/containers/tanks: N/A
- Contaminated stockpiles segregated and labeled in accordance with EHMP? N/A
- Stockpiles/containers stored in accordance with EHMP? N/A

NOTIFICATION INFORMATION

Name	Phone
HART POC (Caller) Name: <u>Mr. Frank Hopkins/Jacobs</u>	808-349-5650
HART POC Name: <u>Ms. Wai Yi Ng</u>	808-768-6128
HDOH On-Scene Coordinator Name: <u>Liz Galvez</u>	808-586-4248
On-Site Construction POC Name: <u>Sergio Cocchia/Jacobs</u>	808-393-1584
Property Owner Name: <u>Dave Martin</u>	808-543-4504

List the names of other federal, state, or local government agencies that have been notified of the release:

No other agencies notified. The final version shall be shared with the Local Emergency Planning Committee (LEPC).

HEALTH INFORMATION

Was there any immediate danger to life and/or health posed by the release? Yes/No

Known or anticipated acute health risks:

- Was PPE used properly? Yes/No
- Was the workspace atmosphere monitored for dust and vapors? Yes/No
- Was HART's H&S Contractor consulted? Yes/No

Known or anticipated chronic health risks:

- Was PPE used properly? Yes/No
- Was the workspace atmosphere monitored for dust and vapors? Yes/No
- Was HART's H&S Contractor consulted? Yes/No

Was advice regarding medical attention necessary for exposed individuals? Yes/No

Potential impacts to public health or welfare:

- Is the release in a residential area? Yes/No
- Is the release in a commercial area? Yes/No
- Is the release below the surface? Yes/No
- Is the release covered with asphalt, cement, or vegetation? Yes/No

Potential impacts to the environment:

- Is the release less than 150 meters from surface water? Yes/No
- Is the release below the surface? Yes/No
- Is the release within groundwater? Yes/No
- Is the release covered with asphalt, cement, or vegetation? Yes/No

FOLLOW-UP INFORMATION REQUIRED:

Information to be submitted to HDOH:


- Limited reuse/waste characterization sample analytical results
- Soil disposition information including volume of soil reused, location of reused soil, volume of soil disposed of at a permitted off-site facility, and location of the permitted off-site facility
- Groundwater disposition information including volume of water disposed of at a permitted off-site facility and location of the permitted off-site facility

Check the box for information attached to this form:

- Photographs
- Maps
- Laboratory data
- Other: _____

SIGNATURE

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the submitted info is true, accurate, and complete."

Signature: 
Printed Name: Matthew Kellar
Title: Environmental Planner
Company: HART

Date: September 24, 2020



LEGEND

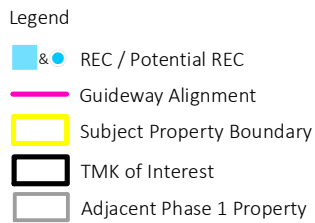
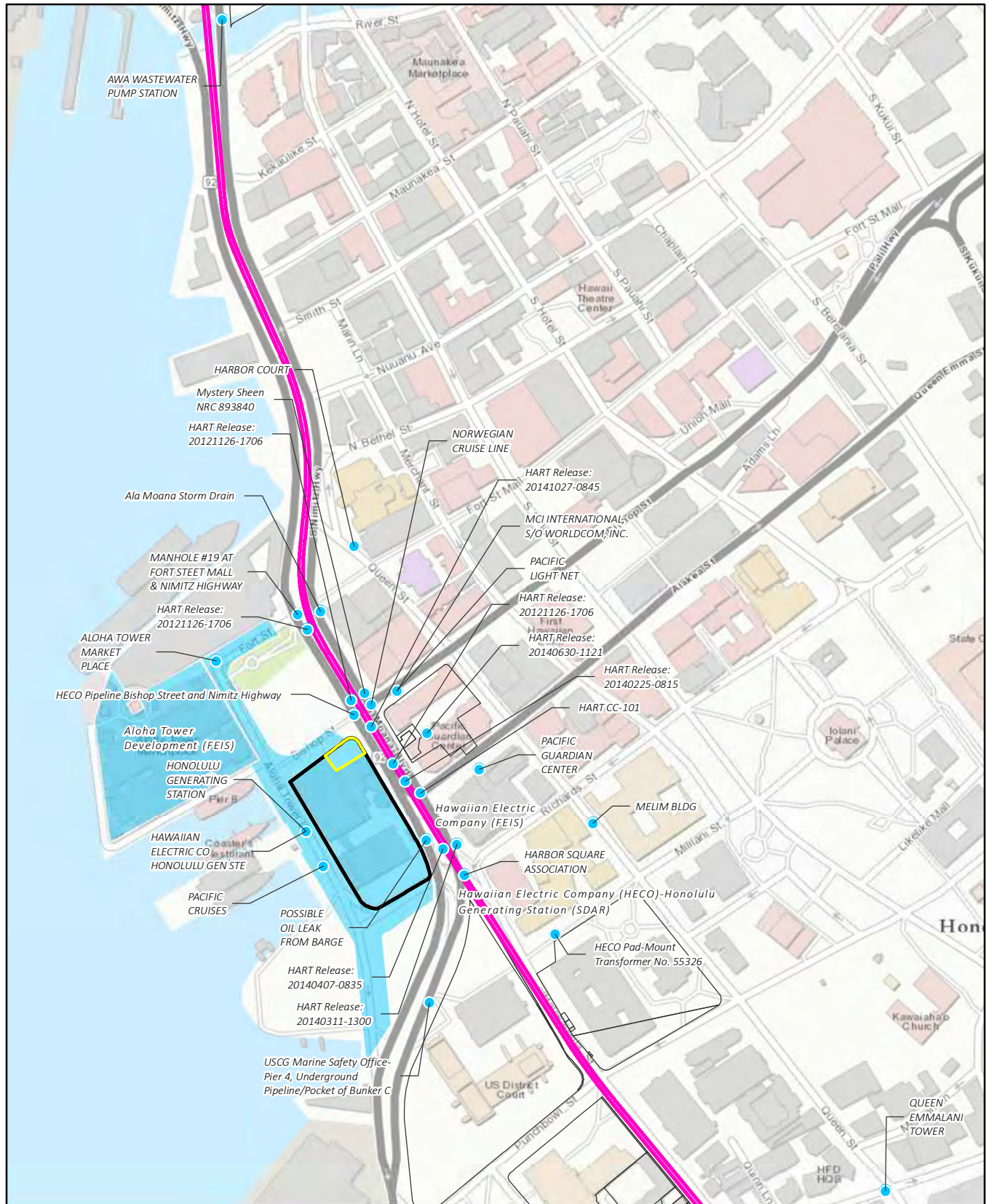
- Site boundary
- Decision unit DS-01 (decision Unit MIS)
- Decision unit DS-02 (Decision Unit MIS)
- Decision unit DS-01 (Shaft MIS)
- Approximate extent of grossly contaminated soil (i.e., petroleum hydrocarbon odor, staining, and/or elevated PID).
- Boundary is uncertain

Note:
 This figure is based on field information and locations that have not been surveyed. Investigation extended to site boundaries identified in this figure. Also, portions of the site could not be investigated based on presence of utilities and reinforced concrete. Therefore, as captured with dashed lines in the figure, uncertainties exist on the lateral extent of grossly contaminated soil.

Grossly contaminated soil, consisting of medium sand with petroleum hydrocarbon odor/staining/elevated PID, was observed from approximately 7.5 to 9 feet below ground surface.

PID = photoionization detector

FIGURE 1
Approximate Extent of Grossly-Contaminated Soil
Phase II ESA at the Downtown Station, Makai Lot
 Honolulu, Oahu, Hawaii



Note:

1. Locations area approximate and determined by best available address geocoding.
2. Not all RECs and Potential RECs associated with this subject property may appear on this figure due to the scaling of the figure perspective. For a full list of RECs and Potential RECs, please refer to Table 4-1. For a complete listing of database findings from the computerized environmental report within the approximate minimum search distance prescribed by the practice, please refer to Attachment 2 of this Appendix.

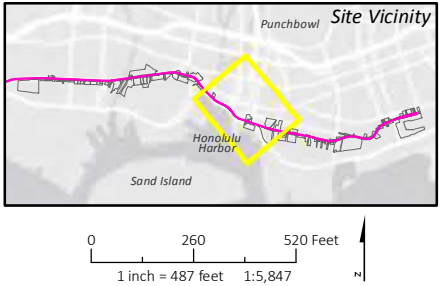


Figure 2
Subject Property and
Recognized Environmental
Conditions
TMK: 2-1-014-006
Phase I Environmental Site
Assessment for the HART
City Center Section
Honolulu, Hawaii

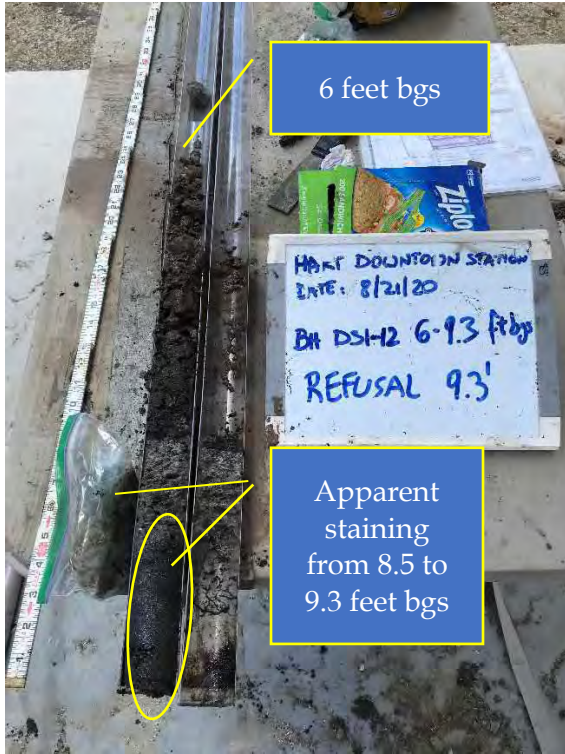


Photo 1. Borehole DS01-12. Visual staining (note that 4-6 inches of soil from the sampler shoe was collected in ziplock bag for PID reading)

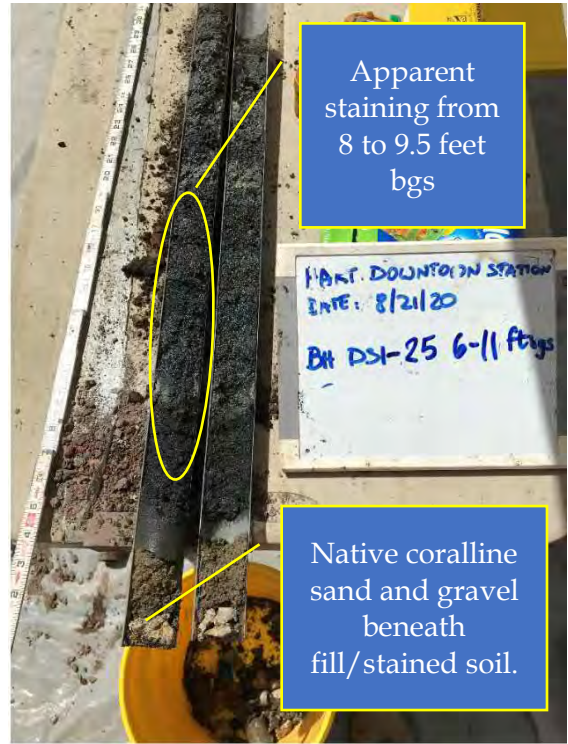


Photo 2. Borehole DS01-25. Visual staining and vertical extent.

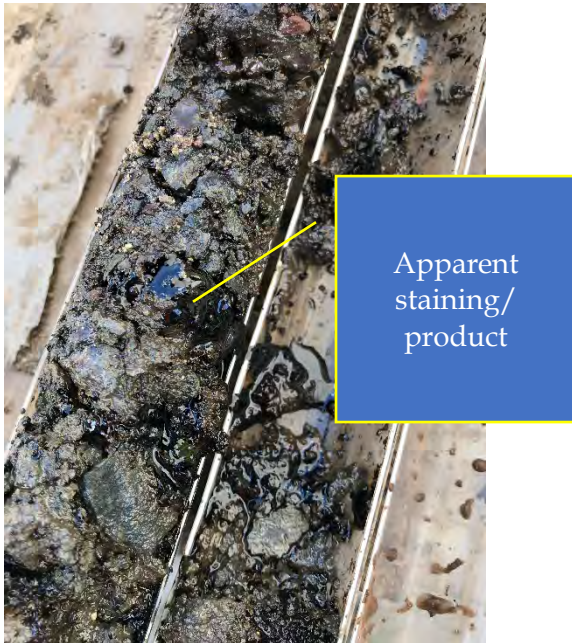


Photo 3. Visual staining/product in boring DS02-12, collected within the saturated zone at approximately 8-8.5 feet bgs.



Photo 4. Sample collected for HDOH.

Report Submittal for HEER Office (Assessment and Remediation Related Reports; NOT Written Release Notification Forms; NOT HEPCRA TIER II Forms)

version 1.5

(Submission #: HP3-0Q1F-AC37D, version 1)

Details

Form Alias	Report Submittal for HEER Office (Assessment and Remediation Related Reports; NOT Written Release Notification Forms; NOT HEPCRA TIER II Forms)
Form Started	9/24/2020 8:33 AM by Matthew Kellar
Form Submitted	9/24/2020 8:38 AM by Matthew Kellar
Submission #	HP3-0Q1F-AC37D
Submission Reason	New
Status	Submitted
Active Steps	Notification- Report (SDAR) Submitted

Form Input

1. Site Information

Enter the Site Name and Facility/Site ID if Provided

The Site Name/ID will appear on all correspondence, and official files.

Site Name and ID (if provided)

HECO Honolulu Power Plant

Name of HEER Project Manager

Lynn Bailey

Contractor/Consultant's Name

Frank Hopkins

Affiliation of Contractor/Consultant/Person Submitting Report

Jacobs

Potential Responsible Party's (PRP's) Name

HART

Provide the Site Address

The site address is the physical address of the facility.

Address of Facility

170 Aloha Tower Dr

Honolulu, HI 96813

TMK(s) of the Site (no dashes, no colon). Enter in following Form: DZSPPPppp;**D=District, Z=Zone, P=Plat, p=parcel**

21014006

Site Project Coordinates - Click on map to show location of contamination

21.306771363215113,-157.86375815815708

2. Report Information (Subject)**Subject/Title**

HECO Honolulu Power Plant D-12 Release Report Form

Date of Document

August 2020

Revision or Version Number

0

3. Upload Report and Supplemental Information**Upload Report & Supplemental Information**20200821-0955LG.pdf - 09/24/2020 08:37 AM**Comment**

NONE PROVIDED

Attachments

Date	Attachment Name	Context	Confidential?	User
------	-----------------	---------	---------------	------

Date	Attachment Name	Context	Confidential?	User
9/24/2020 8:37 AM	20200821-0955LG.pdf	Attachment	No	Matthew Kellar

Status History

	User	Processing Status
9/24/2020 8:33:45 AM	Matthew Kellar	Draft
9/24/2020 8:38:02 AM	Matthew Kellar	Submitted

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Form Submitted	Matthew Kellar	9/24/2020 8:38:02 AM
Notification- Report (SDAR) Submitted		

Appendix E
Laboratory Reports
(CD only)

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36189

Harding Lawson Associates

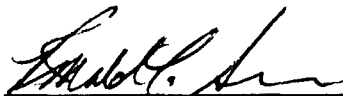
A Report Prepared for

Aloha Tower Associates
841 Bishop Street, Suite 2006
Honolulu, Hawaii 96813


PROTECTIVE CASING INSTALLATION
PHASE III GEOTECHNICAL BORINGS
ALOHA TOWER DEVELOPMENT
HONOLULU, OAHU, HAWAII

HLA Job No. 19951,007.06

by

for 

Patti A. Homan
Staff Geologist



John J. Ward
Geologist - 4101 (California)

Harding Lawson Associates
803 Kamehameha Highway, Room 404
Pearl City, Hawaii 96782

February 20, 1991

0220R

TABLE OF CONTENTS

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B. Installation of Protective Casings	3
C. Chemical Analysis Procedures	4
III RESULTS AND DISCUSSION	5
IV TABLE AND ILLUSTRATIONS.....	7
APPENDIX - REPORTS OF CHEMICAL ANALYSES	
DISTRIBUTION	

LIST OF TABLE AND ILLUSTRATIONS

Table	1	Summary of Analytical Results
Plate	1	Site Plan
Plate	2	Phase III Protective Casing Locations
Plates and	3 4	Logs of Borings 236 and 237
Plates through	5 9	Logs of Borings 239 through 243
Plate	10	Soil Classification and Key to Test Data

I INTRODUCTION

This report presents results of chemical analyses of soil samples obtained during protective casing installation at the Aloha Tower Development (Plate 1). The casings were installed on Piers 10 and 11 in the locations shown on Plate 2. This work was verbally authorized by Aloha Tower Associates (ATA) on December 6, 1990, under the terms of HLA's proposed Master Consulting Agreement with ATA. Work was conducted in accordance with our November 6, 1990 proposal (90-486-06), and as revised in our December 7, 1990 letter to Aloha Tower Associates.

Borings 236 to 243 (Plate 2) are Phase III geotechnical borings. These borings (excluding Boring 238) were drilled and sampled to depths of 15 to 20 feet. The soil samples were analyzed for selected contaminants. The protective casings were installed in three of these borings both to isolate potentially contaminated soils, and to avoid carry-down contamination during subsequent drilling.

II FIELD PROCEDURES

Field work was conducted between December 8 and 17, 1990. An HLA geologist or engineer monitored the drilling and sampling of seven test borings, and the installation of PVC protective casings in three of these borings. Prior to drilling, the area around each proposed drilling location was surveyed ("toned") to detect possible subsurface utilities and pipes. The asphalt and concrete surface of the pier deck was then removed by coring at the boring locations.

A. Drilling and Sampling

The borings were drilled using either a Drillistics track drill or a Mobile Drill B-40 with 10-inch outside diameter hollow-stem augers. Soil samples were obtained using a Sprague and Henwood type split-barrel sampler, 18 inches long, driven by a 140-pound hammer with a 30-inch free fall. Stainless steel inserts within the sampler were used to retain the samples. The number of blows required to drive the sampler 12 inches was recorded and is noted on the boring logs. Soil samples were collected at approximately 2, 6, 10, and 15 feet below surface. Prior to commencement of drilling and between each boring, all augers, bits and other equipment used for drilling and sampling were steam-cleaned. Between each sample, the sampler, drive shoe, trash barrel, and stainless steel inserts were scrubbed clean in a detergent (Alconox) solution, and then rinsed in tap water followed by deionized water.

After each sample was retrieved from the borehole, the sample barrel was transferred to the HLA geologist. The geologist logged the sample noting the following characteristics: sample depth, blow counts, lithologic classification, color, apparent moisture content, density, stiffness, presence of hydrocarbon odors, discoloration or secondary mineralization, and other drilling details. The logs of the borings, based on

these sample descriptions, are shown on Plates 3 through 9. Soil samples were described by the HLA geologist according to the Unified Soil Classification System (Plate 10).

Soil samples were checked for petroleum vapors using a Century™ Organic Vapor Analyzer (OVA) Model 128 with a flame ionization detector (FID). These measurements were recorded on boring logs. The soil samples collected at 2 and 6 feet below ground level in each boring were retained for chemical analysis. To preserve the samples and retain volatile hydrocarbon components, the geologist capped the lower stainless steel insert from selected samples with aluminum foil and plastic caps. These samples were then labeled with the project name and number, date and time, boring number, geologist's initials, and a sequential sample number, and were placed in a reclosable plastic bag and stored on ice. At the conclusion of each sampling day, samples were rechecked and a chain-of-custody form filled out. Samples were sent by courier to Enseco-CRL, Garden Grove, California, for analysis.

B. Installation of Protective Casings

As described in our proposal, protective casings were to be installed in borings in which contamination was visually evident in cuttings or samples, or which had significantly elevated organic vapor measurements. These criteria were met in samples from Borings 236 and 237. Protective casings were installed in these borings and in Boring 240, which is located adjacent to the fuel pipeline.

Borings 236, 237 and 240 were drilled to depths of approximately 21 feet (see boring logs for exact depths). Eight-inch Schedule 40 solid PVC casings were then set in these borings on a sand or bentonite base. Tops of casings were set approximately 6 inches below the surface. The annular space between the borehole and casings were

then sealed using cement placed by tremie from the bottom of each boring. Steel plates were then nailed to the asphalt above each boring.

C. Chemical Analysis Procedures

The top two samples from each boring were sent to the laboratory for the following chemical analyses:

<u>Analysis</u>	<u>EPA Method</u>
Total volatile petroleum hydrocarbons (as gasoline)	8015
Total recoverable petroleum hydrocarbons	418.1
Volatile aromatics: benzene, toluene ethylbenzene, xylenes	8020
Base, neutral and acid (BNA) extractables	8270
PCBs and pesticides	8080
Mercury	7471
Arsenic	7061
Lead	6010
Copper	6010

To reduce laboratory analytical costs, samples from Borings 237, 240, and 242 were composited by the laboratory prior to analysis. This decision was made after reviewing field data and concluding that no anomalous or elevated contaminant concentrations were evident.

III RESULTS AND DISCUSSION

A summary of results of soils chemical analyses is listed in Table 1. Reports of chemical analysis are presented in the Appendix.

Petroleum hydrocarbons as oil (TRPH, Method 418.1) were detected in soil samples from four of the seven borings. Highest concentrations (180 milligrams per kilogram [mg/kg]) were detected in the sample near the water table from Boring 236. Smaller concentrations were detected in samples from Borings 239, 241, and 243. Petroleum hydrocarbons as gasoline (TVPH, Method 8015) were not detected in any of the soil samples.

Toluene was detected in three samples, its occurrence generally correlating with the occurrence of oil. Although toluene is a common additive in gasoline and diesel, it is unlikely that it occurs in crude or residual fuel oils. A lighter fuel oil is suspected to occur in these samples.

No polychlorinated biphenyls (PCBs) or chlorinated pesticides were detected in any of the soil samples. Of the semi-volatile organics (Method 8270), only very small concentrations of polynuclear aromatic hydrocarbons (PNAs) (phenanthrene, pyrene and fluoranthene) were detected in Boring 241. These PNAs are likely components of oil or of coal residues. One detection of di-n-octylphthalate is attributed to laboratory interference.

Metals detected in soil samples include lead (5 of 11 samples), arsenic (11 of 11 samples) and mercury (3 of 11 samples). Lead occurs in higher concentrations in the shallowest soil samples. This lead distribution with depth is similar to that seen in soil samples collected from the Pier 9 aquifer test area (results submitted in a separate

report).* It is evident that the elevated concentrations of lead in these soil samples is not due to petroleum hydrocarbons.

The distribution of arsenic in soil samples is fairly uniform spatially and with depth, a distribution similar to that seen in samples for the Pier 9 aquifer test area. This range of values is similar to that noted in other soil samples on Oahu.

The protective casings were installed in the borings which exhibited elevated organic vapors or had other evidence of occurrence of petroleum hydrocarbons on the water table surface. These casings will provide adequate isolation of these contaminated areas from the deeper deposits.

* Harding Lawson Associates, Piezometer Installation, Piers 8 to 11 Aquifer Test, Aloha Tower Development (in preparation).

IV TABLE AND ILLUSTRATIONS

Table 1. Summary of Analytical Results (Page 1 of 2)

Boring Number	236	236	237	239	239	240
Sample Depth	3.0-3.5	6.0-6.5	2.5-3.0; 7.5-8.0	3.0-3.5	6.0-6.5	2.5-3.0; 6.5-7.0
Sample Date	08-Dec-90	08-Dec-90	12-Dec-90	08-Dec-90	08-Dec-90	14-Dec-90
Enseco Sample No.	G-9034521-003	G-9034521-004	G-9035207-002	G-9034521-001	G-9034521-002	G-9035207-003
HLA Sample No.	9049SS05	9049SS06	9050SS20-21	9049SS01	9049SS02	9050SS24-25

Analytes	Units						
PETROLEUM HYDROCARBONS:							
TVPH (8015)	mg/kg	ND	ND	ND	ND	ND	ND
TRPH (418.1)	mg/kg	12.0	180.0	ND	11.0	ND	ND
Toluene (8020)	mg/kg	66.0	14.0	NA	29.0	ND	NA
Benzene,E-benzene,Xylenes (8020)	mg/kg	ND	ND	NA	ND	ND	NA
METALS:							
Lead	mg/kg	ND	61.9	ND	2850.0	ND	ND
Arsenic	mg/kg	2.2	4.8	30.5	18.0	1.2	19.0
Mercury	mg/kg	ND	ND	ND	ND	ND	53.4
Copper	mg/kg	NA	NA	18.8	NA	NA	10.6
EPA 8080 (Pesticides and PCBs):		ND	ND	ND	ND	ND	ND
EPA 8270 (BNAs):							
Phenanthrene	mg/kg	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	ND	ND	ND	ND	ND	ND
Pyrene	mg/kg	ND	ND	ND	ND	ND	ND
di-n-Octylphthalate	mg/kg	ND	ND	ND	ND	ND	ND
All other EPA 8270 analytes	mg/kg	ND	ND	ND	ND	ND	ND

NA - Not Analyzed

ND - Not Detected (See Analytical Report for Reporting Limits)

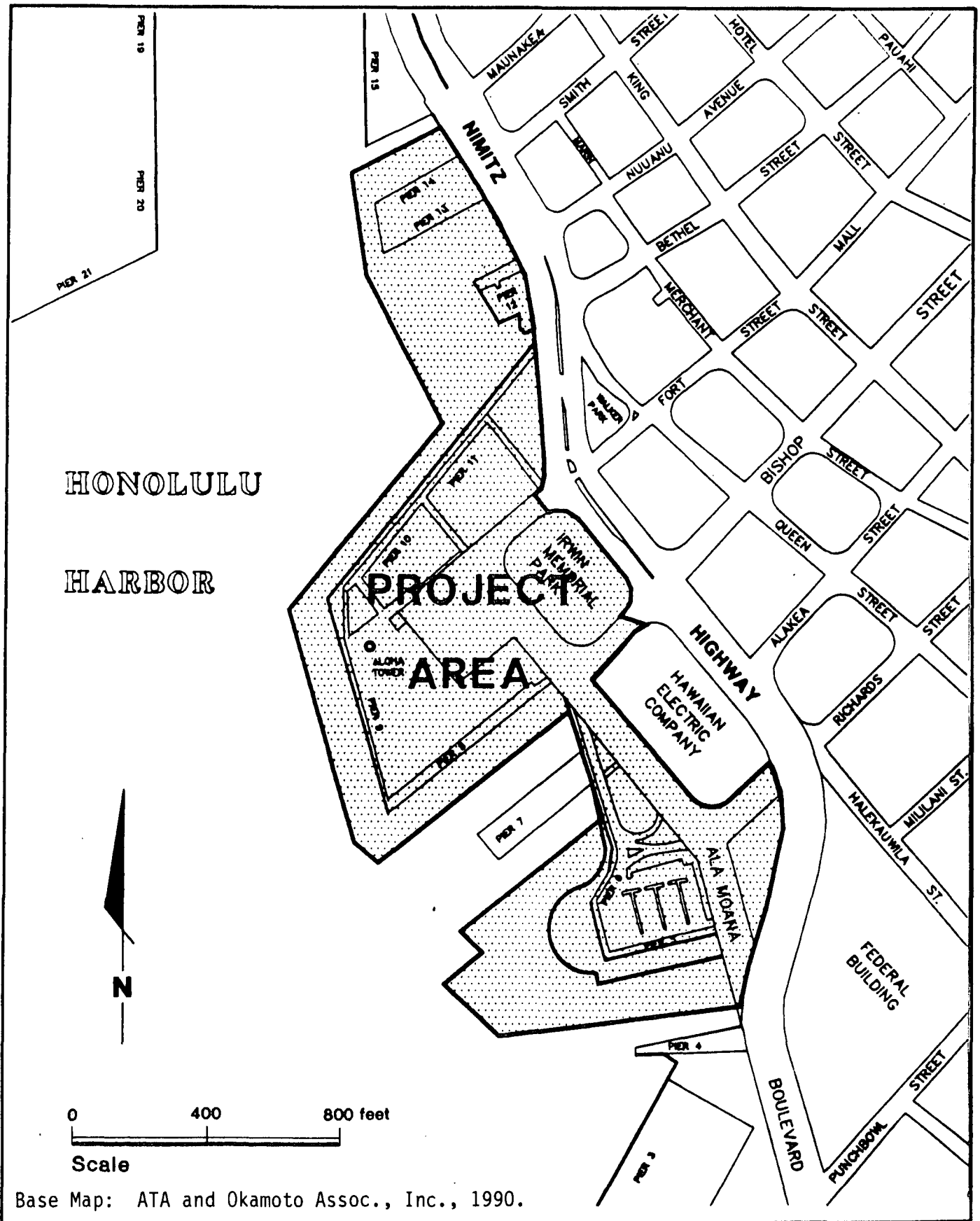
Table 1. Summary of Analytical Results (Page 2 of 2)

Boring Number	241	241	242	243	243
Sample Depth	3.0-3.5	6.0-6.5	2.5-3.0; 6.0-6.5	3.0-3.5	6.0-6.5
Sample Date	09-Dec-90	09-Dec-90	12-Dec-90	09-Dec-90	09-Dec-90
Enseco Sample No.	G-9034521-005	G-9034521-006	G-9035207-001	G-9034521-007	G-9034521-008
HLA Sample No.	9049SS13	9049SS14	9049SS17-18	9049SS09	9049SS10

Analytes	Units					
PETROLEUM HYDROCARBONS:						
TVPH (8015)	mg/kg	ND	ND	ND	ND	ND
TRPH (418.1)	mg/kg	ND	86.0	ND	ND	12.0
Toluene (8020)	mg/kg	ND	ND	NA	ND	ND
Benzene, E-benzene, Xylenes (8020)	mg/kg	ND	ND	NA	ND	ND
METALS:						
Lead	mg/kg	61.3	ND	32.6	120.0	ND
Arsenic	mg/kg	20.0	35.0	21.5	20.0	7.6
Mercury	mg/kg	0.39	ND	ND	0.17	ND
Copper	mg/kg	NA	NA	42.7	NA	NA
EPA 8080 (Pesticides and PCBs):		ND	ND	ND	ND	ND
EPA 8270 (BNAs):						
Phenanthrene	mg/kg	0.39	ND	ND	ND	ND
Fluoranthene	mg/kg	0.48	ND	ND	ND	ND
Pyrene	mg/kg	0.40	ND	ND	ND	ND
di-n-Octylphthalate	mg/kg	ND	ND	ND	ND	0.34
All other EPA 8270 analytes	mg/kg	ND	ND	ND	ND	ND

NA - Not Analyzed

ND - Not Detected (See Analytical Report for Reporting Limits)



Base Map: ATA and Okamoto Assoc., Inc., 1990.

PLATE

1



Harding Lawson Associates
Engineering and
Environmental Services

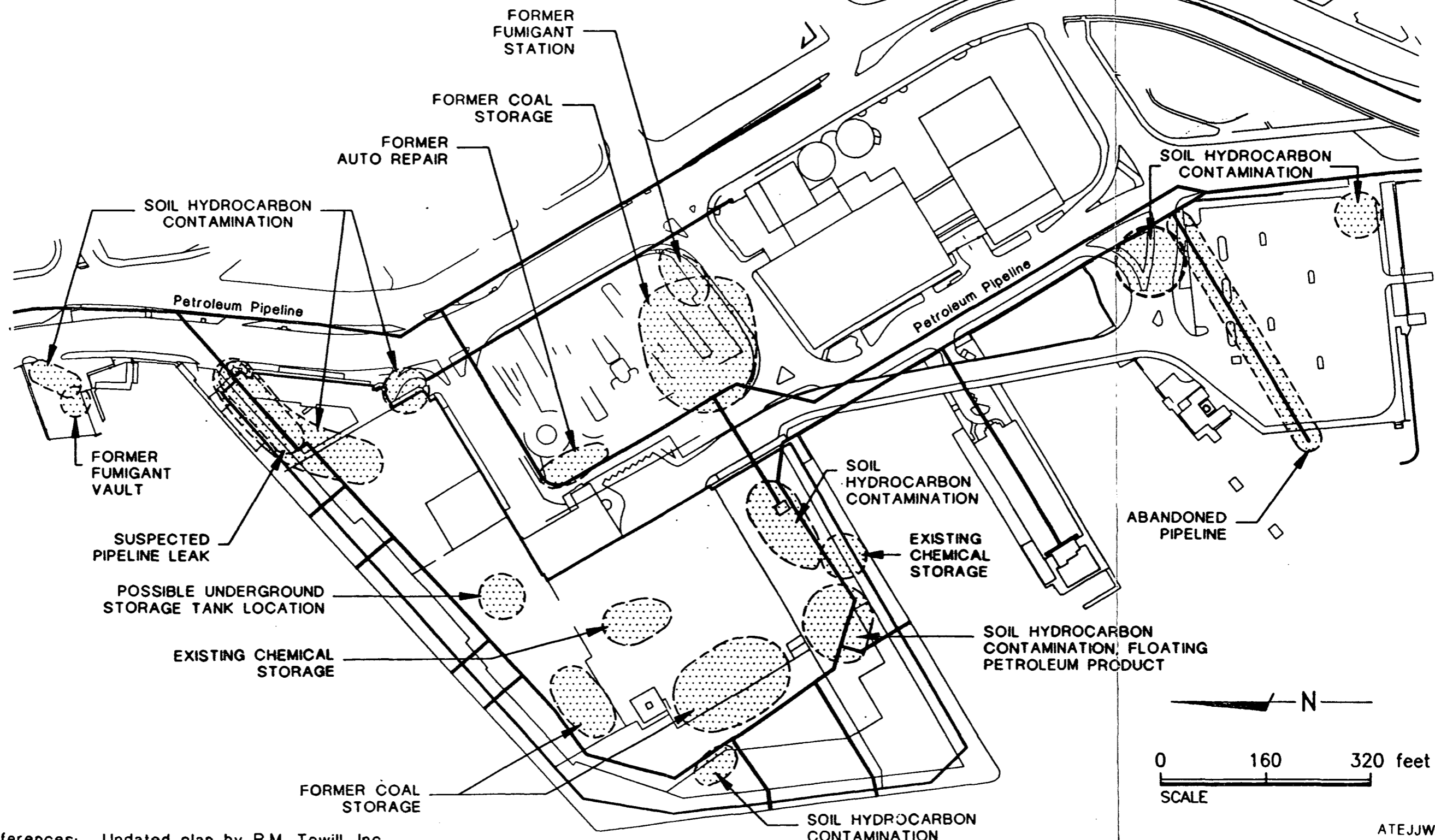
Site Plan
Aloha Tower Protective Casings
Honolulu, Oahu, Hawaii

DRAWN kar
JOB NUMBER 19951,005.06

APPROVED *[Signature]*

DATE 4/91

REVISED DATE



References: Undated plan by R.M. Towill, Inc.
 Pipeline Locations approximately located, from Utilities Map (1983)
 by Roma Urban Designs
 SCI, 1990a, b, 1991
 HLA 1991a, b



Harding Lawson Associates
 Engineering and
 Environmental Services

Areas of Potential Environmental Concern
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

PLATE
2

DRAWN hsm
 JOB NUMBER 19951.005.06

APPROVED
[Signature]

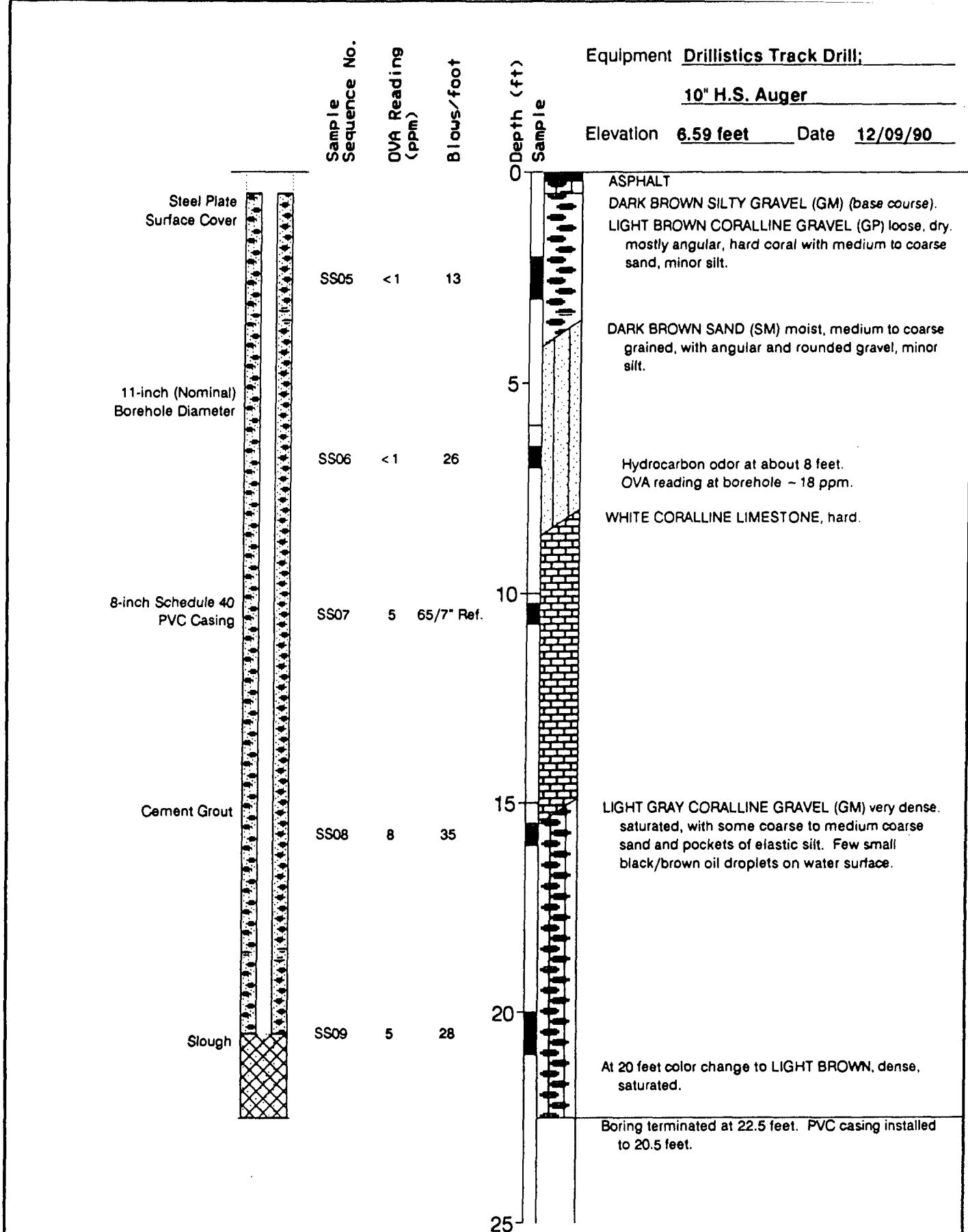
DATE 4/91
 REVISED DATE

ATEJJW-1.dwg

Equipment Drillistics Track Drill;

10" H.S. Auger

Elevation 6.59 feet Date 12/09/90

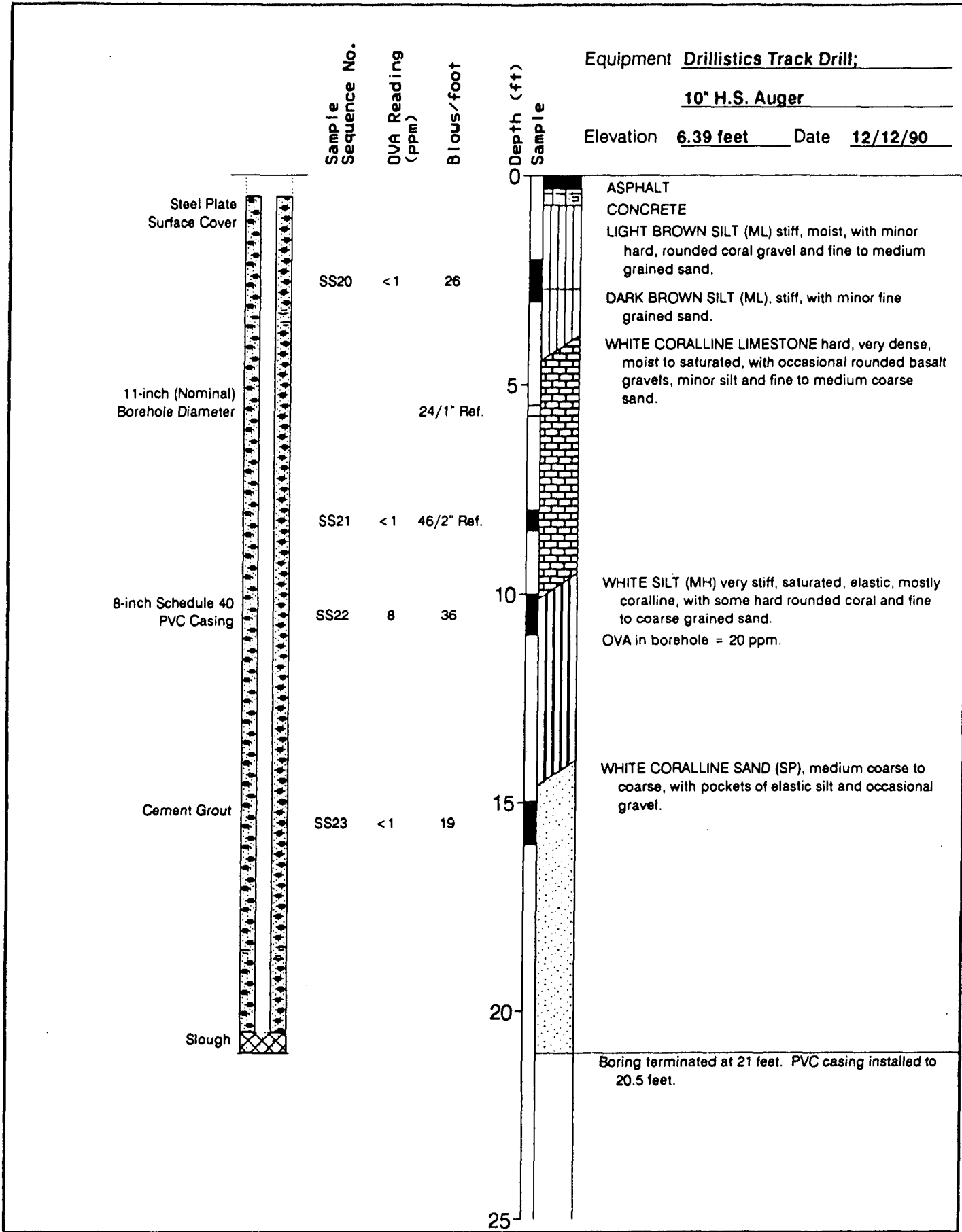


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Engineering and Environmental Services

Log of Boring 236
Aloha Tower Development
Honolulu, Oahu, Hawaii

(Sheet 1 of 1) **PLATE 3**

DRAWN	JOB NUMBER	APPROVED	FILE	DATE	REVISED DATE
kar/fmc	19951,007.06	<i>[Signature]</i>	ATPC	1/91	



Equipment Drillistics Track Drill;
10" H.S. Auger
 Elevation 6.39 feet Date 12/12/90



Harding Lawson Associates
 Engineering and
 Environmental Services

Log of Boring 237
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

PLATE
4

DRAWN kar/fmc	JOB NUMBER 19951,007.06	APPROVED <i>[Signature]</i>	FILE ATPC	DATE 1/91	REVISED DATE
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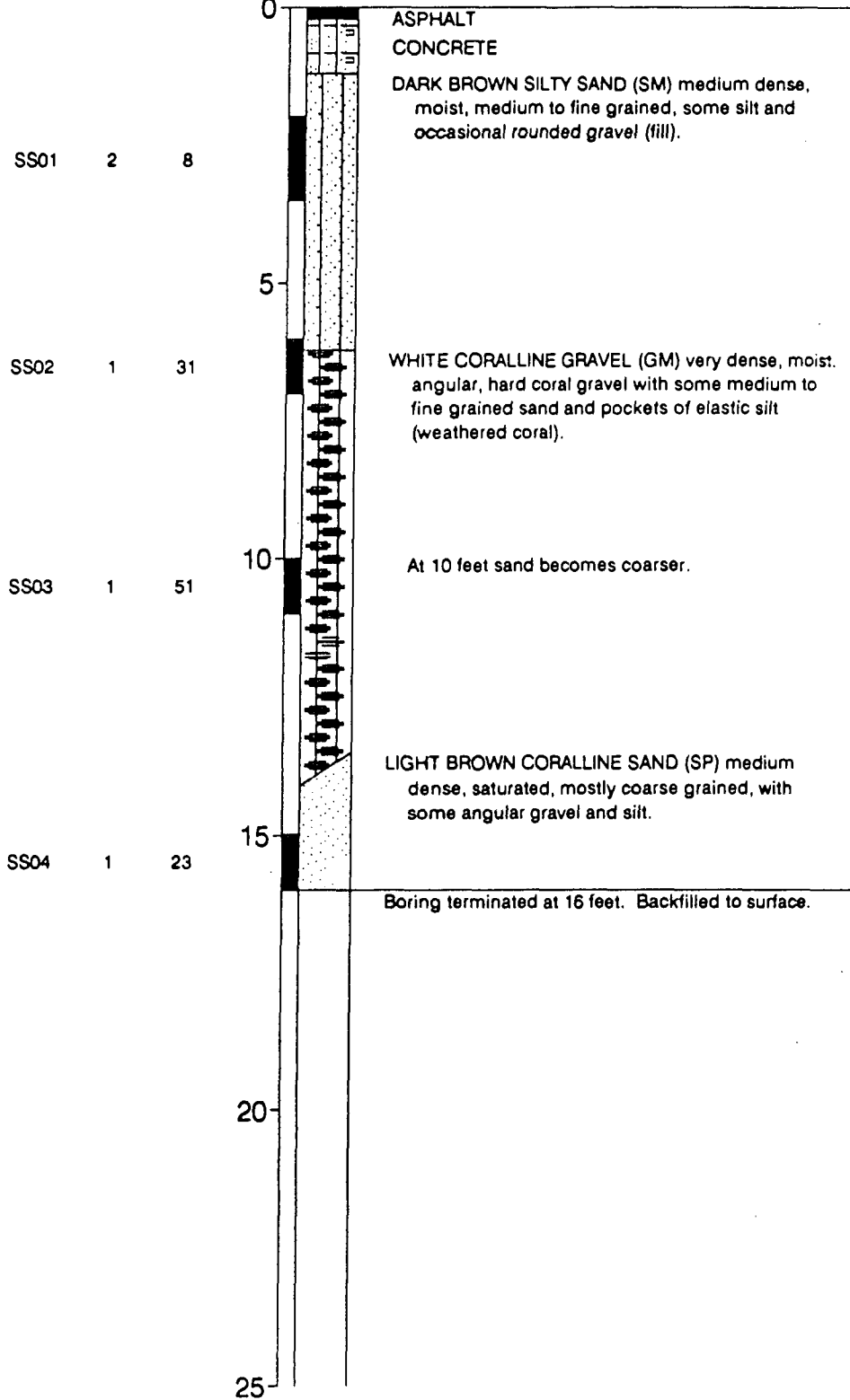
Sample Sequence No.
 OVA Reading (ppm)
 Blows/foot

Equipment Drillistics Track Drill;

6" H.S. Auger

Elevation 6.29 feet Date 12/08/90

Depth (ft)
 Sample



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Log of Boring 239
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

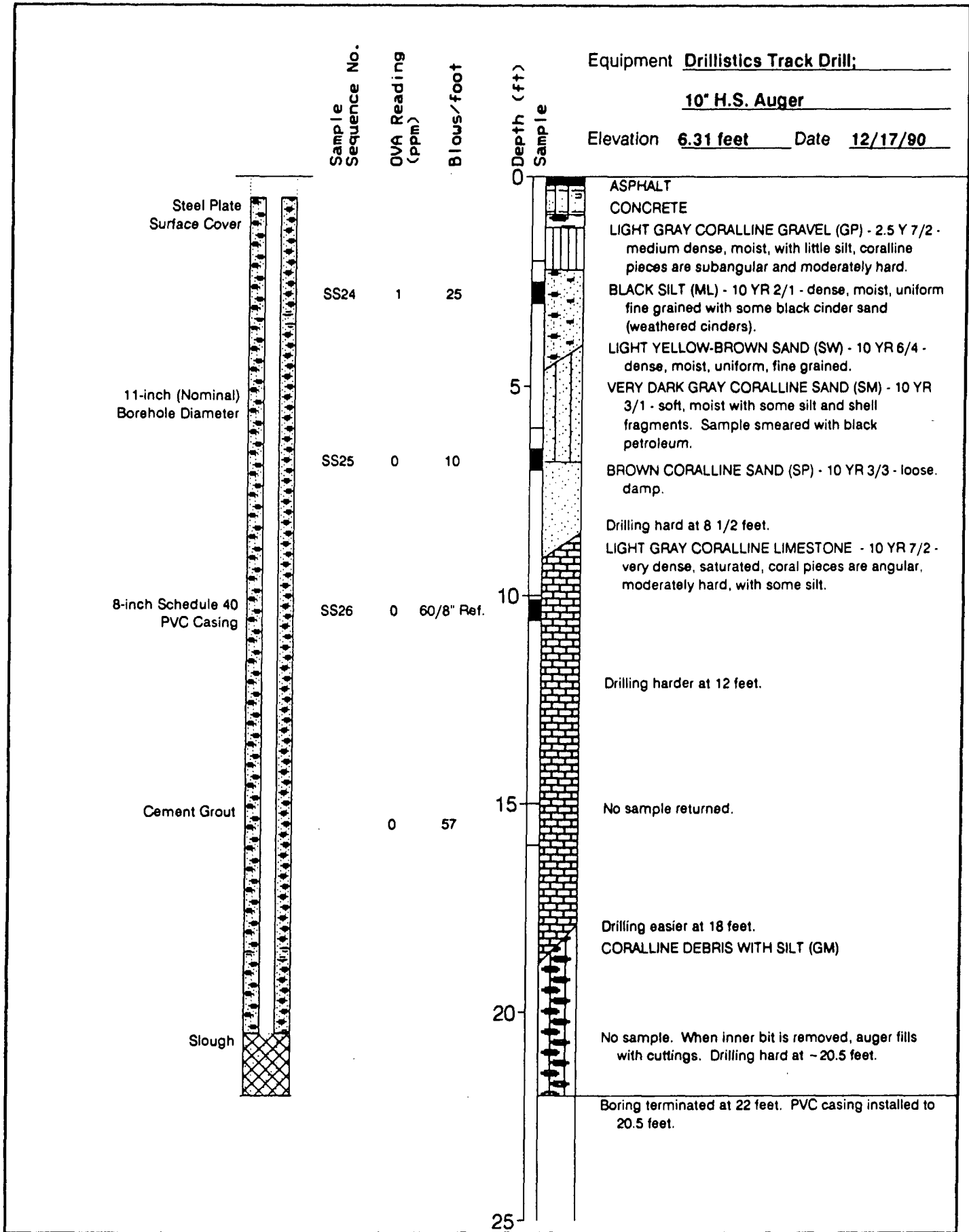
PLATE
5

DRAWN	JOB NUMBER	APPROVED	FILE	DATE	REVISED DATE
kar/fmc	19951,007.06	<i>[Signature]</i>	ATPC	1/91	

Equipment Drillistics Track Drill;

10" H.S. Auger

Elevation 6.31 feet Date 12/17/90



Harding Lawson Associates
Engineering and
Environmental Services

Log of Boring 240
Aloha Tower Development
Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

PLATE
6

DRAWN
kar/fmc

JOB NUMBER
19951,007.06

APPROVED
[Signature]

FILE
ATPC

DATE
1/91

REVISED DATE

Sample Sequence No.
 OVA Reading (ppm)
 Blows/foot

Equipment Drillistics Track Drill;

6" H.S. Auger

Elevation 6.33 feet Date 12/09/90

Depth (ft)
 Sample

SS13 6 17

SS14 <1 20

SS15 0 51

5

10

54/2" Ref. 15

20

25

CONCRETE
 BLACK SILTY BASALT GRAVEL (GM) (base course).
 DARK BROWN SILTY GRAVEL (GM) loose, dry (fill).

DARK BROWN SAND (SM) medium dense, moist,
 medium to coarse grained.

DARK GRAY SILT (MH) moist, sticky, elastic, minor
 angular basalt gravel.

Water level at 9 feet.

WHITE CORALLINE LIMESTONE hard, dense,
 saturated

Same as above

Boring terminated at 15.5 feet. Backfilled to surface.



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 Engineering and
 Environmental Services

Log of Boring 241
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

PLATE

7

DRAWN
 kar/fmc

JOB NUMBER
 19951,007.06

APPROVED

FILE
 ATPC

DATE
 1/91

REVISED DATE

Equipment Drillistics Track Drill;

6" H.S. Auger

Elevation 6.27 feet Date 12/11/90

Sample Sequence No.	OVA Reading (ppm)	Blows/foot
SS17	1	24
SS18	5	20
SS19	<1	37

0 Depth (ft)
Sample

ASPHALT
 CONCRETE
 REDDISH BROWN SILT (ML) with minor fine grained sand and pockets of elastic silt and occasional rounded and angular gravel (cinders, coral).

YELLOW-BROWN SAND (SM) loose, moist, fine grained with some coral gravel and silt.

WHITE CORALLINE LIMESTONE hard, highly fractured, weathered, with pockets of elastic silt.

Harder drilling at 7.5 feet.

<1 50/2.5" Ref.

OVA in borehole = 0.3 ppm.

WHITE CORALLINE SAND (SM) very dense, saturated, mostly fine grained sand with little silt.

Boring terminated at 16.5 feet. Backfilled to surface.

25



Harding Lawson Associates
 Engineering and
 Environmental Services

Log of Boring 242
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

PLATE

8

DRAWN	JOB NUMBER	APPROVED	FILE	DATE	REVISED DATE
kar/fmc	19951,007.06	<i>[Signature]</i>	ATPC	1/91	

Sample Sequence No.
 OVA Reading (ppm)
 Blows/foot

Equipment Drillistics Track Drill;

6" H.S. Auger

Elevation 6.37 feet Date 12/09/90

0 Depth (ft)
 Sample

SS09 <1 20

SS11 <1 34/9" Ref.

SS12 0 63/5" Ref.

5

10

15

20

25

ASPHALT
 CONCRETE
 DARK BROWN SILT (ML) dense, moist, with basalt gravel, asphalt, concrete (fill).

DARK BROWN-BLACK SILT (MH) dense, moist, elastic.

LIGHT BROWN SAND (SM) moist, elastic, with minor basalt gravel, medium grained.

TAN CORALLINE LIMESTONE very hard, saturated.

At 9 feet, color change to WHITE.

Boring terminated at 15.5 feet. Backfilled to surface.



Harding Lawson Associates
 Engineering and
 Environmental Services

Log of Boring 243
 Aloha Tower Development
 Honolulu, Oahu, Hawaii

(Sheet 1 of 1)

PLATE
9

DRAWN
 kar/fmc

JOB NUMBER
 19951.007.06

APPROVED

FILE
 ATPC

DATE
 1/91

REVISED DATE

MAJOR DIVISIONS					TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN No. 4 SIEVE SIZE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
			GP		POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
		GRAVELS WITH OVER 12% FINES	GM		SILTY GRAVELS, SILTY GRAVELS WITH SAND
			GC		CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN No. 4 SIEVE SIZE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
			SP		POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM		SILTY SANDS WITH OR WITHOUT GRAVEL
			SC		CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50%	ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS	
		CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS	
		OL		ORGANIC SILTS OR CLAYS OF LOW PLASTICITY	
	SILTS AND CLAYS LIQUID LIMIT 50% OR GREATER	MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS	
		CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
		OH		ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY	
		PI		PEAT AND OTHER HIGHLY ORGANIC SOILS	
HIGHLY ORGANIC SOILS					

UNIFIED SOIL CLASSIFICATION - ASTM D2487-85

Perm	—	Permeability			
Consol	—	Consolidation			
LL	—	Liquid Limit (%)			
PI	—	Plastic Index (%)			
G _s	—	Specific Gravity			
MA	—	Particle Size Analysis			
	—	"Undisturbed" Sample			
	—	Bulk or Classification Sample			
			Shear Strength (psf)	Confining Pressure	
			TxUU	3200 (2600)	— Unconsolidated Undrained Triaxial Shear (field moisture or saturated)
			(FM) or (S)		
			TxCU	3200 (2600)	— Consolidated Undrained Triaxial Shear (with or without pore pressure measurement)
			(P)		
			TxCD	3200 (2600)	— Consolidated Drained Triaxial Shear
			SSCU	3200 (2600)	— Simple Shear Consolidated Undrained (with or without pore pressure measurement)
			(P)		
			SSCD	3200 (2600)	— Simple Shear Consolidated Drained
			DSCD	2700 (2000)	— Consolidated Drained Direct Shear
			UC	470	— Unconfined Compression
			LVS	700	— Laboratory Vane Shear

KEY TO TEST DATA



Harding Lawson Associates
Engineering and
Environmental Services

Soil Classification and Key to Test Data

Aloha Tower Protective Casings
Honolulu, Oahu, Hawaii

PLATE

10

DRAWN kar JOB NUMBER 19951,007.06

APPROVED

DATE 2/91 REVISED DATE

**APPENDIX
REPORTS OF CHEMICAL ANALYSES**

Enseco - CRL

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
FAX: (714) 891-5917

RECEIVED
JAN 14 1991
HARDING LAWSON ASSOCIATES
HONOLULU, HAWAII

January 7, 1991

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001/008
Date Sampled: 8/9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Project: (19951,007.06) ALOHA TOWER
PROT. CASINGS

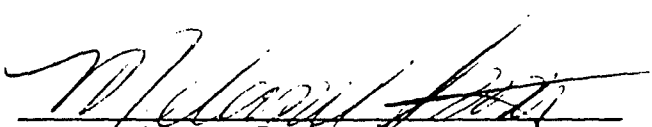
Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-9034521-001/008 shown above.

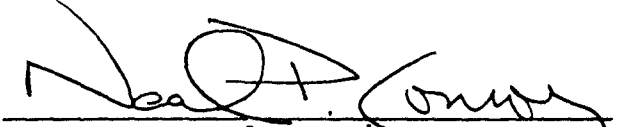
The samples were received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Note that ND means not detected at the reporting limit expressed. The reporting limit is raised to reflect the dilution factor of the sample.

Solid samples are reported on "as received" basis.

Preliminary data for EPA Method 418.1, TPH and BTEX were provided on December 14, 1990 at 1:29 P.M.


Reviewed


Approved

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	61.9	25*	ND	5	12/27/90	12/29/90	JW
Arsenic (EPA 7061)	mg/kg	4.8	0.5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	JW

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 27-DEC-1990
By: WG
By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 21-DEC-1990
Prep Method: BTXE-S
Date Analyzed: 21-DEC-1990
By: ST
By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	14	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	180	50	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL*	Blank Result	Blank RL
Phenol	ND	1.3	ND	.33
bis(2-Chloroethyl)ether	ND	1.3	ND	.33
2-Chlorophenol	ND	1.3	ND	.33
1,3-Dichlorobenzene	ND	1.3	ND	.33
1,4-Dichlorobenzene	ND	1.3	ND	.33
Benzyl alcohol	ND	1.3	ND	.33
1,2-Dichlorobenzene	ND	1.3	ND	.33
2-Methyl phenol	ND	1.3	ND	.33
bis(2-Chloroisopropyl)ether	ND	1.3	ND	.33
4-Methylphenol	ND	1.3	ND	.33
N-Nitroso-di-n-propylamine	ND	1.3	ND	.33
Hexachloroethane	ND	1.3	ND	.33
Nitrobenzene	ND	1.3	ND	.33
Isophorone	ND	1.3	ND	.33
2-Nitrophenol	ND	1.3	ND	.33
2,4-Dimethylphenol	ND	1.3	ND	.33
Benzoic acid	ND	6.8	ND	1.7
bis(2-Chloroethoxy)methane	ND	1.3	ND	.33
2,4-Dichlorophenol	ND	1.3	ND	.33
1,2,4-Trichlorobenzene	ND	1.3	ND	.33
Naphthalene	ND	1.3	ND	.33
4-Chloroaniline	ND	1.3	ND	.33
Hexachlorobutadiene	ND	1.3	ND	.33
4-Chloro-3-methylphenol	ND	1.3	ND	.33
2-Methylnaphthalene	ND	1.3	ND	.33
Hexachlorocyclopentadiene	ND	1.3	ND	.33
2,4,6-Trichlorophenol	ND	1.3	ND	.33
2,4,5-Trichlorophenol	ND	6.8	ND	1.7
2-Chloronaphthalene	ND	1.3	ND	.33
2-Nitroaniline	ND	6.8	ND	1.7
Dimethylphthalate	ND	1.3	ND	.33
Acenaphthylene	ND	1.3	ND	.33
2,6-Dinitrotoluene	ND	1.3	ND	.33
3-Nitroaniline	ND	6.8	ND	1.7
Acenaphthene	ND	1.3	ND	.33
2,4-Dinitrophenol	ND	6.8	ND	1.7
4-Nitrophenol	ND	6.8	ND	1.7
Dibenzofuran	ND	1.3	ND	.33
2,4-Dinitrotoluene	ND	1.3	ND	.33

* All reporting limits for this sample are elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990

By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL*	Blank Result	Blank RL
Diethylphthalate	ND	1.3	ND	.33
4-Chlorophenyl-phenylether	ND	1.3	ND	.33
Fluorene	ND	1.3	ND	.33
4-Nitroaniline	ND	6.8	ND	1.7
4,6-Dinitro-2-methylphenol	ND	6.8	ND	1.7
N-Nitrosodiphenylamine	ND	1.3	ND	.33
4-Bromophenyl-phenylether	ND	1.3	ND	.33
Hexachlorobenzene	ND	1.3	ND	.33
Pentachlorophenol	ND	6.8	ND	1.7
Phenanthrene	ND	1.3	ND	.33
Anthracene	ND	1.3	ND	.33
Di-n-butylphthalate	ND	1.3	ND	.33
Fluoranthene	ND	1.3	ND	.33
Pyrene	ND	1.3	ND	.33
Butylbenzylphthalate	ND	1.3	ND	.33
3,3'-Dichlorobenzidine	ND	2.64	ND	.66
Benzo(a)anthracene	ND	1.3	ND	.33
bis(2-Ethylhexyl)phthalate	ND	1.3	ND	.33
Chrysene	ND	1.3	ND	.33
di-n-Octylphthalate	ND	1.3	ND	.33
Benzo(b)fluoranthene	ND	1.3	ND	.33
Benzo(k)fluoranthene	ND	1.3	ND	.33
Benzo(a)pyrene	ND	1.3	ND	.33
Indeno(1,2,3-cd)pyrene	ND	1.3	ND	.33
Dibenz(a,h)anthracene	ND	1.3	ND	.33
Benzo(g,h,i)perylene	ND	1.3	ND	.33

* All reporting limits for this sample are elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	96	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	90	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	60	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	82	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	72	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	74	29-153

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-004
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990

By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS06

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	ND	25*	ND	5	12/27/90	12/29/90	BA
Arsenic (EPA 7061)	mg/kg	2.2	0.5	ND	.5	12/27/90	12/28/90	TK
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 27-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	66	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	12	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 26-DEC-1990 By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 26-DEC-1990 By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	94	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	105	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	73	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	74	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	74	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	75	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-003
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS05

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

Metals Prepared by EPA 3050 By NL
MURCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	2,850	25*	ND	5	12/27/90	12/29/90	SW
Arsenic (EPA 7061)	mg/kg	18.0	2.5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	SW

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 27-DEC-1990
By: WG
By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	29	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	11	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 26-DEC-1990 By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	98	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	102	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	74	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	79	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	70	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	78	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-001
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS By: JD
Date Analyzed: 13-DEC-1990 By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS01

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

ATTN: MR. JOHN WARD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	ND	12.5*	ND	5	12/27/90	12/29/90	J
Arsenic (EPA 7061)	mg/kg	1.2	0.5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	JM

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 27-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	ND	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 26-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 26-DEC-1990 By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 26-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	96	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	99	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	67	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	73	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	73	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	75	29-153

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-002
Date Sampled: 8-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS By: JD
Date Analyzed: 13-DEC-1990 By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9049SS02

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD
Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	61.3	25*	ND	5	12/27/90	12/29/90	JW
Arsenic (EPA 7061)	mg/kg	20.0	2.5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	0.39	0.1	ND	.1	12/27/90	12/28/90	JW

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 27-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S
Date Analyzed: 20-DEC-1990
By: ST
By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	ND	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	0.39	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	0.48	0.33	ND	.33
Pyrene	0.40	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	94	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	101	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	68	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	71	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	71	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	71	29-153

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-005
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990
By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS13

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY; HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	ND	12.5*	ND	5	12/27/90	12/29/90	JW
Arsenic (EPA 7061)	mg/kg	35.0	5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	J

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 27-DEC-1990

By: WG
By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	ND	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	86	25	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 26-DEC-1990 By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	98	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	96	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	65	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	73	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	62	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	73	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-006
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990
By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS14

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	
Lead, Total (EPA 6010)	mg/kg	120	12.5*	ND	5	12/27/90	12/29/90	JW
Arsenic (EPA 7061)	mg/kg	20.0	2.5	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	0.17	0.1	ND	.1	12/27/90	12/28/90	J

* Reporting limits elevated due to sample matrix interference.

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 27-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	ND	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	96	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	106	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	81	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	78	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	111	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	86	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-007
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990
By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS09

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD
Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG Prep By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Lead, Total (EPA 6010)	mg/kg	ND	12.5*	ND	5	12/27/90	12/29/90	JW
Arsenic (EPA 7061)	mg/kg	7.6	1.0	ND	.5	12/27/90	12/28/90	TM
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	12/27/90	12/28/90	J

* Reporting limits elevated due to sample matrix interference.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 27-DEC-1990

By: WG
By: EP

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

Polychlorinated Biphenyls EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Aroclor-1016	ND	8.3	ND	8.3
Aroclor-1221	ND	8.3	ND	8.3
Aroclor-1232	ND	8.3	ND	8.3
Aroclor-1242	ND	8.3	ND	8.3
Aroclor-1248	ND	8.3	ND	8.3
Aroclor-1254	ND	8.3	ND	8.3
Aroclor-1260	ND	8.3	ND	8.3

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
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PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: BTXE-S By: ST
Date Analyzed: 20-DEC-1990 By: ST

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

BTXE, EPA 8020 Modified

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Benzene	ND	5.	ND	5.
Toluene	ND	5.	ND	5.
Ethylbenzene	ND	5.	ND	5.
Xylenes, Total	ND	15.	ND	15.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 18-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	12	10	ND	10

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 18-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 26-DEC-1990
By: WG
By: ER

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	0.34*	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

*Analyte associated with sample processing and analysis in the lab environment. An acceptable blank must contain less than 5 times the reporting limit of this analyte for this method.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
26-DEC-1990	2-FLUOROPHENOL (EPA 8270)	133	43-147
26-DEC-1990	PHENOL-D5 (EPA 8270)	110	39-149
26-DEC-1990	2,4,6-TRIBROMOPHENOL (EPA 8270)	71	36-151
26-DEC-1990	NITROBENZENE-D5 (EPA 8270)	80	33-151
26-DEC-1990	2-FLUOROBIPHENYL (EPA 8270)	81	32-151
26-DEC-1990	TERPHENYL-D14 (EPA 8270)	84	29-153

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9034521-008
Date Sampled: 9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID
Date Prepared: 13-DEC-1990
Prep Method: DHS
Date Analyzed: 13-DEC-1990
By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER PROT. CASINGS
Sample ID: 9050SS10

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD
Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Analysis No.: G-9034521-001/008
Date Sampled: 8-DEC-1990
9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Matrix Spike/Matrix Spike Duplicate Report

Sample Number	Parameter (Method)	Units	Observed Concentration			Amt. Spiked	% Recovery			RPD
			Sample	MS	MSD		MS	MSD	Avg.	
9034521-002	BENZENE (BTXE-S)	ug/kg	ND	986	1090	1000	99	109	104	10
9034521-004	BENZENE (BTXE-S)	ug/kg	ND	870	852	1000	87	85	86	2
9034521-002	TOLUENE (BTXE-S)	ug/kg	ND	1080	1160	1000	108	116	112	7
9034521-004	TOLUENE (BTXE-S)	ug/kg	14	870	828	1000	86	81	84	9
9034521-002	ETHYLBENZENE (BTXE-S)	ug/kg	ND	1040	1110	1000	104	111	108	7
9034521-004	ETHYLBENZENE (BTXE-S)	ug/kg	ND	874	835	1000	87	84	85	9
9034521-002	XYLENES, TOTAL (BTXE-S)	ug/kg	ND	1020	1140	1000	102	114	108	11
9034521-004	XYLENES, TOTAL (BTXE-S)	ug/kg	ND	820	780	1000	82	78	80	9
9034521-001	TPH, VOLATILE (DHS)	mg/kg	1	79	78	75	104	103	103	1
9034521-001	TPH RECOVERABLE (EPA 418.1-S)	mg/L	5	32	33	40	68	70	69	4
9034611-007	LEAD (EPA 6010)	mg/kg	ND	202	208	250	81	83	82	3
9034611-007	ARSENIC (EPA 7061)	mg/kg	4	18	20	25	56	64	60	13
9034611-007	MERCURY (EPA 7471)	mg/L	0.032	0.13	0.13	0.175	56	56	56	0
9032528-003	AROCLOR-1254 (EPA 8080)	ug/kg	ND	22.3	21.3	33.3	67	64	66	9
9034124-004	2-CHLOROPHENOL (EPA 8270)	mg/kg	ND	5.25	3.25	6.60	80	49	64	47
9034124-004	1,4-DICHLOROBENZENE (EPA 8270)	mg/kg	ND	2.42	1.72	3.30	73	52	63	34
9034124-004	1,2,4-TRICHLOROBENZENE (EPA 8270)	mg/kg	ND	2.93	2.33	3.30	89	71	80	23
9034124-004	4-CHLORO-3-METHYLPHENOL (EPA 8270)	mg/kg	ND	4.78	3.36	6.60	72	51	62	35
9034124-004	PYRENE (EPA 8270)	mg/kg	ND	1.69	.967	3.30	51	29	40	54

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
9032528-003	4-DEC-1990	AROCLOR-1254 (EPA 8080)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
9034124-004	11-DEC-1990	2-CHLOROPHENOL (EPA 8270)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		1,4-DICHLOROBENZENE (EPA 8270)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		1,2,4-TRICHLOROBENZENE (EPA 8270)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		4-CHLORO-3-METHYLPHENOL (EPA 8270)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		PYRENE (EPA 8270)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
9034521-001	13-DEC-1990		

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
		TPH, VOLATILE (DHS)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		TPH RECOVERABLE (EPA 418.1-S)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
9034521-002	21-DEC-1990	BENZENE (BTXE-S)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		TOLUENE (BTXE-S)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		ETHYLBENZENE (BTXE-S)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		XYLENES, TOTAL (BTXE-S)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
9034521-004	21-DEC-1990	BENZENE (BTXE-S)	G-9034521-004
		TOLUENE (BTXE-S)	G-9034521-004
		ETHYLBENZENE (BTXE-S)	G-9034521-004
		XYLENES, TOTAL (BTXE-S)	G-9034521-004

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
9034611-007	29-DEC-1990	LEAD (EPA 6010)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		ARSENIC (EPA 7061)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008
		MERCURY (EPA 7471)	G-9034521-001 G-9034521-002 G-9034521-003 G-9034521-004 G-9034521-005 G-9034521-006 G-9034521-007 G-9034521-008

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD
Project: (19951,007.06) ALOHA TOWER PROT. CASINGS

Analysis No.: G-9034521-001/008
Date Sampled: 8-DEC-1990
9-DEC-1990
Date Sample Rec'd: 11-DEC-1990
Sample Type: SOLID

Laboratory Control Sample Report

QC Batch	Parameter (Method)	Amt. Spiked	Units	Avg. Spike Recov.	Acceptable Range	Rel. Pct. Diff.	Accept. Rang
L91003006	LEAD (EPA 6010)	1.0	mg/kg	103.	61-126	0.	30
L90362018	ARSENIC (EPA 7061)	1	mg/kg	94.	50-127	0.	25
L90364003	MERCURY (EPA 7471)	0.002	mg/kg	90.	51-125	11.	42
L90348010	AROCLOR-1254 (EPA 8080)	33.3	ug/kg	69.	59-115	6.	23
L90347016	2-CHLOROPHENOL (EPA 8270)	6.60	mg/kg	71.	19-130	13.	26
L90347016	1,4-DICHLOROBENZENE (EPA 8270)	3.30	mg/kg	68.	24-122	11.	29
L90347016	1,2,4-TRICHLOROBENZENE (EPA 8270)	3.30	mg/kg	81.	22-123	11.	33
L90347016	4-CHLORO-3-METHYLPHENOL (EPA 8270)	6.60	mg/kg	69.	22-128	11.	32

Laboratory Control Sample Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
L90347016	11-DEC-1990	2-CHLOROPHENOL (EPA 8270)	G-9034521-001
		1,4-DICHLOROBENZENE (EPA 8270)	G-9034521-002
		1,2,4-TRICHLOROBENZENE (EPA 8270)	G-9034521-001
			G-9034521-002
		4-CHLORO-3-METHYLPHENOL (EPA 8270)	G-9034521-001
			G-9034521-002
L90348010	3-DEC-1990	AROCLOR-1254 (EPA 8080)	G-9034521-001
			G-9034521-002
			G-9034521-003
			G-9034521-004
			G-9034521-005
			G-9034521-006
			G-9034521-007
			G-9034521-008
L90362018	28-DEC-1990	ARSENIC (EPA 7061)	G-9034521-001
			G-9034521-002
			G-9034521-003
			G-9034521-004
			G-9034521-005
			G-9034521-006
			G-9034521-007
			G-9034521-008
L90364003	28-DEC-1990	MERCURY (EPA 7471)	G-9034521-001
			G-9034521-002
			G-9034521-003
			G-9034521-004
			G-9034521-005
			G-9034521-006
			G-9034521-007
			G-9034521-008
L91003006	29-DEC-1990	LEAD (EPA 6010)	G-9034521-001
			G-9034521-002
			G-9034521-003
			G-9034521-004
			G-9034521-005
			G-9034521-006
			G-9034521-007
			G-9034521-008

Enseco - CRL

7440 Lincoln Way • Garden Grove, CA 92641
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FAX: (714) 891-5917

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HONOLULU, HAWAII

January 21, 1991

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

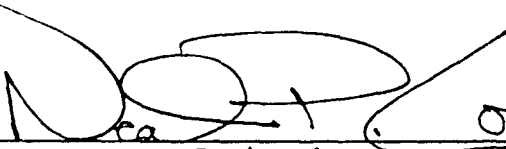
Analysis No.: G-9035207-001/003
Date Sampled: 11/12/13/14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Project: (19951,007.06) ALOHA TOWER -
CASINGS

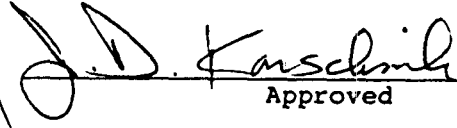
Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-9035207-001/003 shown above.

The samples were received by CRL in a chilled state, and with the chain-of-custody record attached.

Note that ND means not detected at the reporting limit expressed. The reporting limit is raised to reflect the dilution factor of the sample.

Solid samples are reported on "as received" basis.


Reviewed


Approved

The Report Cover Letter is an integral part of this report.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG PREP By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Copper (EPA 6010)	mg/kg	42.7	10	ND	2	01/04/91	01/08/91	CV
Lead, Total (EPA 6010)	mg/kg	32.6	25	ND	.5	01/04/91	01/08/91	CV
Arsenic (EPA 7061)	mg/kg	21.5	2.5	ND	.5	01/04/91	01/14/91	JW
Mercury (EPA 7471)	mg/kg	ND	0.10	ND	.1	01/04/91	01/09/91	JW

Laboratory Report

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PEARL CITY BUSINESS PLAZA
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PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 21-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 22-DEC-1990
By: WG
By: EP

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

Organochlorine Pesticides EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
alpha-BHC	ND	1.7	ND	1.7
beta-BHC	ND	1.7	ND	1.7
delta-BHC	ND	1.7	ND	1.7
Lindane	ND	1.7	ND	1.7
Heptachlor	ND	1.7	ND	1.7
Aldrin	ND	1.7	ND	1.7
Heptachlor epoxide	ND	1.7	ND	1.7
Endosulfan I	ND	1.7	ND	1.7
Dieldrin	ND	3.4	ND	3.4
4,4'-DDE	ND	3.4	ND	3.4
Endrin	ND	3.4	ND	3.4
Endosulfan II	ND	3.4	ND	3.4
4,4'-DDD	ND	3.4	ND	3.4
Endosulfan sulfate	ND	3.4	ND	3.4
4,4'-DDT	ND	3.4	ND	3.4
Methoxychlor	ND	17	ND	17
Endrin ketone	ND	3.4	ND	3.4
Technical Chlordane	ND	17	ND	17
Toxaphene	ND	34	ND	34

Laboratory Report

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Organochlorine Pesticides EPA 8080 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
22-DEC-1990	DIBUTYL CHLORENDATE (DBC) (EPA 8080)	79	20-150

Laboratory Report

HARDING LAWSON ASSOCIATES
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PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 22-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 22-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 7-JAN-1991

By: WG
By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 7-JAN-1991 By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
7-JAN-1991	2-FLUOROPHENOL (EPA 8270)	75	43-147
7-JAN-1991	PHENOL-D5 (EPA 8270)	82	39-149
7-JAN-1991	2,4,6-TRIBROMOPHENOL (EPA 8270)	80	36-151
7-JAN-1991	NITROBENZENE-D5 (EPA 8270)	78	33-151
7-JAN-1991	2-FLUOROBIPHENYL (EPA 8270)	76	32-151
7-JAN-1991	TERPHENYL-D14 (EPA 8270)	66	29-153

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001
Date Sampled: 11-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 26-DEC-1990
Prep Method: DHS
Date Analyzed: 26-DEC-1990
By: JD
By: JD

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS17, 9050SS18 (COMPOSITE)

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG PREP By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Copper (EPA 6010)	mg/kg	18.8	10	ND	2	01/04/91	01/08/91	CV
Lead, Total (EPA 6010)	mg/kg	ND	25*	ND	.5	01/04/91	01/08/91	CV
Arsenic (EPA 7061)	mg/kg	30.5	2.5	ND	.5	01/04/91	01/14/91	JW
Mercury (EPA 7471)	mg/kg	ND	0.1	ND	.1	01/04/91	01/09/91	JW

*All reporting limits raised due to high level of analyte present in sample.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 21-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 22-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

Organochlorine Pesticides EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
alpha-BHC	ND	1.7	ND	1.7
beta-BHC	ND	1.7	ND	1.7
delta-BHC	ND	1.7	ND	1.7
Lindane	ND	1.7	ND	1.7
Heptachlor	ND	1.7	ND	1.7
Aldrin	ND	1.7	ND	1.7
Heptachlor epoxide	ND	1.7	ND	1.7
Endosulfan I	ND	1.7	ND	1.7
Dieldrin	ND	3.4	ND	3.4
4,4'-DDE	ND	3.4	ND	3.4
Endrin	ND	3.4	ND	3.4
Endosulfan II	ND	3.4	ND	3.4
4,4'-DDD	ND	3.4	ND	3.4
Endosulfan sulfate	ND	3.4	ND	3.4
4,4'-DDT	ND	3.4	ND	3.4
Methoxychlor	ND	17	ND	17
Endrin ketone	ND	3.4	ND	3.4
Technical Chlordane	ND	17	ND	17
Toxaphene	ND	34	ND	34

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Organochlorine Pesticides EPA 8080 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
22-DEC-1990	DIBUTYL CHLORENDATE (DBC) (EPA 8080)	77	20-150

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 22-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 22-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 7-JAN-1991 By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 7-JAN-1991

By: WG
By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

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PEARL CITY BUSINESS PLAZA
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PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
7-JAN-1991	2-FLUOROPHENOL (EPA 8270)	82	43-147
7-JAN-1991	PHENOL-D5 (EPA 8270)	93	39-149
7-JAN-1991	2,4,6-TRIBROMOPHENOL (EPA 8270)	80	36-151
7-JAN-1991	NITROBENZENE-D5 (EPA 8270)	82	33-151
7-JAN-1991	2-FLUOROBIPHENYL (EPA 8270)	75	32-151
7-JAN-1991	TERPHENYL-D14 (EPA 8270)	68	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-002
Date Sampled: 12-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 26-DEC-1990
Prep Method: DHS By: JD
Date Analyzed: 26-DEC-1990 By: JD

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS20, 9050SS21 (COMPOSITE)

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

Metals Prepared by EPA 3050 By NL
MERCURY Prepared by HG PREP By NL

Parameter	Units	Sample Result	Sample RL	Blank Result	Blank RL	Date Prepared	Date Analyzed	By
Copper (EPA 6010)	mg/kg	10.6	10	ND	2	01/04/91	01/08/91	CV
Lead, Total (EPA 6010)	mg/kg	ND	25*	ND	.5	01/04/91	01/08/91	CV
Arsenic (EPA 7061)	mg/kg	19.0	2.5	ND	.5	01/04/91	01/14/91	JW
Mercury (EPA 7471)	mg/kg	53.4	25	ND	.1	01/04/91	01/09/91	JW

*All reporting limits raised due to high level of analyte present in sample.

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 21-DEC-1990
Prep Method: EPA 3550 By: WG
Date Analyzed: 22-DEC-1990 By: EP

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

Organochlorine Pesticides EPA 8080

Units: ug/kg

Parameter	Sample Result	Sample RL*	Blank Result	Blank RL
alpha-BHC	ND	8.5	ND	1.7
beta-BHC	ND	8.5	ND	1.7
delta-BHC	ND	8.5	ND	1.7
Lindane	ND	8.5	ND	1.7
Heptachlor	ND	8.5	ND	1.7
Aldrin	ND	8.5	ND	1.7
Heptachlor epoxide	ND	8.5	ND	1.7
Endosulfan I	ND	8.5	ND	1.7
Dieldrin	ND	17.0	ND	3.4
4,4'-DDE	ND	17.0	ND	3.4
Endrin	ND	17.0	ND	3.4
Endosulfan II	ND	17.0	ND	3.4
4,4'-DDD	ND	17.0	ND	3.4
Endosulfan sulfate	ND	17.0	ND	3.4
4,4'-DDT	ND	17.0	ND	3.4
Methoxychlor	ND	85	ND	17
Endrin ketone	ND	17.0	ND	3.4
Technical Chlordane	ND	85	ND	17
Toxaphene	ND	170	ND	34

*All reporting limits for this sample are elevated due to sample matrix interference.

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Organochlorine Pesticides EPA 8080 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
22-DEC-1990	DIBUTYL CHLORENDATE (DBC) (EPA 8080)	73	20-150

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 22-DEC-1990
Prep Method: EPA 418.1-S By: FA
Date Analyzed: 22-DEC-1990 By: FA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

TPH, Recoverable-Solid (EPA 418.1)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH Recoverable	ND	10	ND	10

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 7-JAN-1991
By: WG
By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Phenol	ND	0.33	ND	.33
bis(2-Chloroethyl)ether	ND	0.33	ND	.33
2-Chlorophenol	ND	0.33	ND	.33
1,3-Dichlorobenzene	ND	0.33	ND	.33
1,4-Dichlorobenzene	ND	0.33	ND	.33
Benzyl alcohol	ND	0.33	ND	.33
1,2-Dichlorobenzene	ND	0.33	ND	.33
2-Methyl phenol	ND	0.33	ND	.33
bis(2-Chloroisopropyl)ether	ND	0.33	ND	.33
4-Methylphenol	ND	0.33	ND	.33
N-Nitroso-di-n-propylamine	ND	0.33	ND	.33
Hexachloroethane	ND	0.33	ND	.33
Nitrobenzene	ND	0.33	ND	.33
Isophorone	ND	0.33	ND	.33
2-Nitrophenol	ND	0.33	ND	.33
2,4-Dimethylphenol	ND	0.33	ND	.33
Benzoic acid	ND	1.7	ND	1.7
bis(2-Chloroethoxy)methane	ND	0.33	ND	.33
2,4-Dichlorophenol	ND	0.33	ND	.33
1,2,4-Trichlorobenzene	ND	0.33	ND	.33
Naphthalene	ND	0.33	ND	.33
4-Chloroaniline	ND	0.33	ND	.33
Hexachlorobutadiene	ND	0.33	ND	.33
4-Chloro-3-methylphenol	ND	0.33	ND	.33
2-Methylnaphthalene	ND	0.33	ND	.33
Hexachlorocyclopentadiene	ND	0.33	ND	.33
2,4,6-Trichlorophenol	ND	0.33	ND	.33
2,4,5-Trichlorophenol	ND	1.7	ND	1.7
2-Chloronaphthalene	ND	0.33	ND	.33
2-Nitroaniline	ND	1.7	ND	1.7
Dimethylphthalate	ND	0.33	ND	.33
Acenaphthylene	ND	0.33	ND	.33
2,6-Dinitrotoluene	ND	0.33	ND	.33
3-Nitroaniline	ND	1.7	ND	1.7
Acenaphthene	ND	0.33	ND	.33
2,4-Dinitrophenol	ND	1.7	ND	1.7
4-Nitrophenol	ND	1.7	ND	1.7
Dibenzofuran	ND	0.33	ND	.33
2,4-Dinitrotoluene	ND	0.33	ND	.33

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 20-DEC-1990
Prep Method: EPA 3550
Date Analyzed: 7-JAN-1991
By: WG
By: NA

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
Diethylphthalate	ND	0.33	ND	.33
4-Chlorophenyl-phenylether	ND	0.33	ND	.33
Fluorene	ND	0.33	ND	.33
4-Nitroaniline	ND	1.7	ND	1.7
4,6-Dinitro-2-methylphenol	ND	1.7	ND	1.7
N-Nitrosodiphenylamine	ND	0.33	ND	.33
4-Bromophenyl-phenylether	ND	0.33	ND	.33
Hexachlorobenzene	ND	0.33	ND	.33
Pentachlorophenol	ND	1.7	ND	1.7
Phenanthrene	ND	0.33	ND	.33
Anthracene	ND	0.33	ND	.33
Di-n-butylphthalate	ND	0.33	ND	.33
Fluoranthene	ND	0.33	ND	.33
Pyrene	ND	0.33	ND	.33
Butylbenzylphthalate	ND	0.33	ND	.33
3,3'-Dichlorobenzidine	ND	0.66	ND	.66
Benzo(a)anthracene	ND	0.33	ND	.33
bis(2-Ethylhexyl)phthalate	ND	0.33	ND	.33
Chrysene	ND	0.33	ND	.33
di-n-Octylphthalate	ND	0.33	ND	.33
Benzo(b)fluoranthene	ND	0.33	ND	.33
Benzo(k)fluoranthene	ND	0.33	ND	.33
Benzo(a)pyrene	ND	0.33	ND	.33
Indeno(1,2,3-cd)pyrene	ND	0.33	ND	.33
Dibenz(a,h)anthracene	ND	0.33	ND	.33
Benzo(g,h,i)perylene	ND	0.33	ND	.33

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PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Base/Neutrals & Acids EPA 8270 Surrogate Summary

Date	Parameter (Method)	Percent Recovery	Acceptable Range
7-JAN-1991	2-FLUOROPHENOL (EPA 8270)	80	43-147
7-JAN-1991	PHENOL-D5 (EPA 8270)	90	39-149
7-JAN-1991	2,4,6-TRIBROMOPHENOL (EPA 8270)	77	36-151
7-JAN-1991	NITROBENZENE-D5 (EPA 8270)	81	33-151
7-JAN-1991	2-FLUOROBIPHENYL (EPA 8270)	76	32-151
7-JAN-1991	TERPHENYL-D14 (EPA 8270)	66	29-153

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HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-003
Date Sampled: 14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID
Date Prepared: 26-DEC-1990
Prep Method: DHS By: JD
Date Analyzed: 26-DEC-1990 By: JD

Project: (19951,007.06) ALOHA TOWER - CASINGS
Sample ID: 9050SS24, 9050SS25 (COMPOSITE)

TPH, Volatile (EPA 8015)

Units: mg/kg

Parameter	Sample Result	Sample RL	Blank Result	Blank RL
TPH, Volatile	ND	5	ND	5

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001/003
Date Sampled: 11-DEC-1990
12-DEC-1990
14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Matrix Spike/Matrix Spike Duplicate Report

Sample Number	Parameter (Method)	Units	Observed Concentration			Amt. Spiked	% Recovery			% RPD
			Sample	MS	MSD		MS	MSD	Avg.	
9035324-030	TPH, VOLATILE (DHS)	mg/kg	ND	59	79	75	79	105	92	29
9035321-013	TPH RECOVERABLE (EPA 418.1-S)	mg/L	ND	40	41	40	100	103	101	3
9034828-003	COPPER (EPA 6010)	mg/kg	3.79	228	232	250	90	91	91	2
9034828-003	LEAD (EPA 6010)	mg/kg	5.0	427	424	500	84	84	84	1
9034828-003	ARSENIC (EPA 7061)	mg/kg	2.5	41.0	41.0	50.0	77	77	77	0
9035207-001	MERCURY (EPA 7471)	mg/L	.0805	.147	.144	0.128	52	50	51	5
9034611-07	LINDANE (EPA 8080)	ug/kg	ND	23.9	24.6	33.3	72	74	73	3
9034611-07	HEPTACHLOR (EPA 8080)	ug/kg	ND	27.1	28.2	33.3	81	85	83	4
9034611-07	ALDRIN (EPA 8080)	ug/kg	ND	24.4	25.3	33.3	73	76	75	4
9034611-07	DIELDRIN (EPA 8080)	ug/kg	ND	29.5	30.5	33.3	89	92	90	3
9034611-07	ENDRIN (EPA 8080)	ug/kg	ND	31.0	24.3	33.3	93	73	83	24
9034611-07	4,4'-DDT (EPA 8080)	ug/kg	ND	23.6	24.8	33.3	71	75	73	5
9034611-007	2-CHLOROPHENOL (EPA 8270)	mg/kg	ND	4.76	4.67	6.60	72	71	71	2
9034611-007	1,4-DICHLOROBENZENE (EPA 8270)	mg/kg	ND	2.48	2.42	3.30	75	73	74	3
9034611-007	1,2,4-TRICHLOROBENZENE (EPA 8270)	mg/kg	ND	2.84	2.82	3.30	86	86	86	1
9034611-007	4-CHLORO-3-METHYLPHENOL (EPA 8270)	mg/kg	ND	4.61	4.65	6.60	70	71	70	1
9034611-007	PYRENE (EPA 8270)	mg/kg	ND	2.17	2.33	3.30	66	71	68	7

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.				
9034611-007	18-DEC-1990	2-CHLOROPHENOL (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003				
		1,4-DICHLOROBENZENE (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003				
		1,2,4-TRICHLOROBENZENE (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003				
		4-CHLORO-3-METHYLPHENOL (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003				
		PYRENE (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003				
		9034611-07	27-DEC-1990	LINDANE (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				HEPTACHLOR (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				ALDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				DIELDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				ENDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				4,4'-DDT (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003		
				9034828-003	8-JAN-1991	COPPER (EPA 6010)	G-9035207-001 G-9035207-002 G-9035207-003
						LEAD (EPA 6010)	G-9035207-001 G-9035207-002 G-9035207-003
						ARSENIC (EPA 7061)	G-9035207-001 G-9035207-002 G-9035207-003

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
9035207-001	9-JAN-1991	MERCURY (EPA 7471)	G-9035207-001 G-9035207-002 G-9035207-003
9035321-013	26-DEC-1990	TPH RECOVERABLE (EPA 418.1-S)	G-9035207-001 G-9035207-002 G-9035207-003
9035324-030	26-DEC-1990	TPH, VOLATILE (DHS)	G-9035207-001 G-9035207-002 G-9035207-003

Laboratory Report

HARDING LAWSON ASSOCIATES
PEARL CITY BUSINESS PLAZA
803 KAMEHAMEHA HIGHWAY, ROOM 404
PEARL CITY, HI 96782
ATTN: MR. JOHN WARD

Analysis No.: G-9035207-001/003
Date Sampled: 11-DEC-1990
12-DEC-1990
14-DEC-1990
Date Sample Rec'd: 18-DEC-1990
Sample Type: SOLID

Project: (19951,007.06) ALOHA TOWER - CASINGS

Laboratory Control Sample Report

QC Batch	Parameter (Method)	Amt. Spiked	Units	Avg. Spike Recov.	Acceptable Range	Rel. Pct. Diff.	Acceptable Range
L91010004	COPPER (EPA 6010)	1.0	mg/kg	100.	62-126	2.	30
L91010004	LEAD (EPA 6010)	1.0	mg/kg	96.	61-126	3.	30
L91014020	ARSENIC (EPA 7061)	1.00	mg/kg	89.	50-127	11.	25
L91009028	MERCURY (EPA 7471)	.0015	mg/kg	87.	51-125	0.	42
L90361006	LINDANE (EPA 8080)	33.3	ug/kg	75.	46-127	1.	50
L90361006	HEPTACHLOR (EPA 8080)	33.3	ug/kg	86.	35-130	0.	31
L90361006	ALDRIN (EPA 8080)	33.3	ug/kg	77.	34-132	1.	43
L90361006	DIELDRIN (EPA 8080)	33.3	ug/kg	90.	31-134	1.	38
L90361006	ENDRIN (EPA 8080)	33.3	ug/kg	98.	42-139	2.	45
L90361006	4,4'-DDT (EPA 8080)	33.3	ug/kg	76.	23-134	1.	50
L90360004	2-CHLOROPHENOL (EPA 8270)	6.60	mg/kg	64.	19-130	23.	26
L90360004	1,4-DICHLOROBENZENE (EPA 8270)	3.30	mg/kg	59.	24-122	60.	29
L90360004	1,2,4-TRICHLOROBENZENE (EPA 8270)	3.30	mg/kg	75.	22-123	42.	33
L90360004	4-CHLORO-3-METHYLPHENOL (EPA 8270)	6.60	mg/kg	73.	22-128	8.	32

Laboratory Control Sample Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
L90360004	18-DEC-1990	2-CHLOROPHENOL (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003
		1,4-DICHLOROBENZENE (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003
		1,2,4-TRICHLOROBENZENE (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003
		4-CHLORO-3-METHYLPHENOL (EPA 8270)	G-9035207-001 G-9035207-002 G-9035207-003
L90361006	27-DEC-1990	LINDANE (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
		HEPTACHLOR (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
		ALDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
		DIELDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
		ENDRIN (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
		4,4'-DDT (EPA 8080)	G-9035207-001 G-9035207-002 G-9035207-003
L91009028	9-JAN-1991	MERCURY (EPA 7471)	G-9035207-001 G-9035207-002 G-9035207-003
L91010004	8-JAN-1991	LEAD (EPA 6010)	G-9035207-001 G-9035207-002 G-9035207-003
		COPPER (EPA 6010)	G-9035207-001 G-9035207-002
L91014020	14-JAN-1991	ARSENIC (EPA 7061)	G-9035207-001 G-9035207-002 G-9035207-003 G-9035207-003



Harding Lawson Associates
 Pearl City Business Plaza
 803 Kamehameha Highway, Room 404
 Pearl City, Hawaii 96782
 808/455-8551
 Telecopy: 808/455-1507

CHAIN OF CUSTODY FORM

9035207

Lab: ENSECO CRH

Job Number: 19951.007.06
 Name/Location: Aloha Towers - casings
 Project Manager: John Ward

Samplers: Gene MacIntyre, Pat Walsh

Recorder: Pat Walsh
 (Signature Required)

SOURCE CODE	MATRIX				#CONTAINERS & PRESERV.			SAMPLE NUMBER OR LAB NUMBER			DATE			
	Water	Sediment	Soil	Oil	Unpres.	H ₂ SO ₄	HNO ₃	Yr	Wk	Seq	Yr	Mo	Dy	Time
48			X					90	50	SS17	90	12	11	1509
48			X					90	50	SS18	90	12	11	1530
48			X					90	50	SS20	90	12	12	1348
48			X					90	50	SS21	90	12	12	1430
48			X					90	50	SS24	90	12	14	1052
48			X					90	50	SS25	90	12	14	1327

STATION DESCRIPTION/NOTES
2 Boring 242
Please composite these 2
2 Boring 237
Please composite these 2
2 Boring 240
Please composite these 2

ANALYSIS REQUESTED										
EPA 601/8010	EPA 602/8020	EPA 624/8240	EPA 625/8270	Priority Pilitnt. Metals	Benzene/Toluene/Xylene	Total Petrol. Hydrocarb. <u>BDN</u>	<u>EPA PESTO - PEST. ONLY</u>	<u>H.G.</u>	<u>P.P.</u>	<u>A.S.</u>
										<u>CH</u>
										<u>418.1</u>

LAB NUMBER			DEPTH IN FEET	COL MTD CD	QA CODE	MISCELLANEOUS
Yr	Wk	Seq				
90	50	SS17	25			Boring 242
90	50	SS18	60			Boring 242
90	50	SS20	25			Boring 237
90	50	SS21	80			Boring 237
90	50	SS24	25			Boring 240
90	50	SS25	65			Boring 240

CHAIN OF CUSTODY RECORD		
RELINQUISHED BY: (Signature) <u>Pat Walsh</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	DATE/TIME <u>12/14/90 1700</u>
RELINQUISHED BY: (Signature) <u>[Signature]</u>	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
DISPATCHED BY: (Signature)	DATE/TIME	RECEIVED FOR LAB BY: (Signature) <u>[Signature]</u> <u>12/14/90 10:00</u>
METHOD OF SHIPMENT <u>[Signature]</u>		

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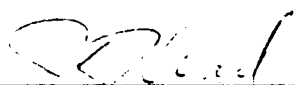
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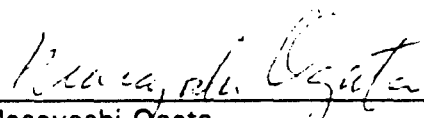
WORK PLAN
SAMPLING AND ANALYSIS PLAN
SUBSURFACE INVESTIGATION AND
FEASIBILITY STUDY
ALOHA TOWER DEVELOPMENT
HONOLULU, OAHU, HAWAII

HLA Job No. 19951,005.06

by



John J. Ward
Geologist - 4101 (California)



Masayoshi Ogata
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April 9, 1991

0186R

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- B FIELD DATA FORMS
- C SITE HEALTH AND SAFETY PLAN
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I INTRODUCTION

This report has been prepared at the request of Aloha Tower Associates (ATA) by Harding Lawson Associates (HLA), and presents a work plan for a subsurface investigation and feasibility study for the Aloha Tower Development (Plate 1).

The work plan for the subsurface investigation (RI) is based on a preliminary environmental assessment by Subsurface Consultants, Inc. (SCI) (1990a and 1990b); meetings between HLA and ATA; and on results of soils and groundwater sampling and monitoring in the Piers 8 through 11 area (HLA, 1991a; 1991b). These services were provided under the terms and conditions of the proposed Master Consulting Agreement between ATA and HLA.

A preliminary Feasibility Study (FS) has been prepared for the Aloha Tower Development.* The FS provided rough estimates of the volume and nature of contamination, identified potential remedial options, and evaluated effectiveness and costs of several remedial scenarios. The FS was based on the existing data collected by HLA and other entities. It is the intent of the Feasibility Study work plan outlined in this document (Section III) to refine and revise the preliminary FS as new data become available and as plausible remedial options are identified.

A. Purpose and Scope

The area of proposed development (the site) is shown on Plate 1. Because the site has been used for a variety of commercial activities for many years, including storage and use of petroleum products, coal and pesticides, and has also been used to

* HLA, 1991c, *Preliminary feasibility and remedial alternative study*, Aloha Tower Development, submitted to Aloha Tower Associates, January 24, HLA Job No. 19951,005.06.

store a variety of chemicals, there have been several opportunities for contaminants to enter the environment. At least two incidents of contaminant releases may have occurred on site: a break in a fuel oil pipeline near the Department of Transportation (DOT) offices on Pier 11; and a release of pesticides on Pier 10. Plate 2 shows the approximate locations of known fuel oil pipelines and environmental subsurface borings and monitoring wells constructed during the preliminary environmental assessment (SCI, 1990a, 1990b) and during recent sampling (HLA, 1991a; 1991b). The approximate areas of known or suspected soils contamination are shown on Plate 3.

Results of environmental sampling to date indicate that elevated concentrations of petroleum hydrocarbons, pesticides, and metals occurred in site soils. Additional characterization of both soils and groundwater is required prior to site construction to achieve the following objectives:

1. Evaluation of the extent, volume, and nature of contamination in on-site soils and groundwater;
2. Development of remedial options for soils that are to be excavated for site construction;
3. Development of treatment options for contaminated groundwater prior to commencement of site dewatering; and
4. Assessment of the risk to human health and the environment from remedial activities, including no further action for soils to be left in place.

The scope of services is limited to the on-site characterization of the subsurface soils and groundwater. The following areas are to be characterized:

1. Piers 5 and 6, makai of the site boundary along Ala Moana Boulevard;
2. Piers 8 through 11, including the area covered by Aloha Towers and associated warehouses, the DOT offices, and Irwin Memorial Park; and
3. Pier 12, makai of Nimitz Highway.

The vertical extent of exploration for site characterization will be from the ground surface (Elevation 6 to 7 feet above Mean Sea Level [MSL]) to approximately mean low water level (Elevation -2 to -3 feet MSL). Sampling from selected exploratory borings will establish whether the water table itself has provided a lower boundary of contamination.

The extent of this investigation is limited to those areas where planned construction activities will require removal of soils (Piers 8 through 11) or will be atop or below existing soils (Piers 5 and 6, Pier 12, Irwin Memorial Park). No off-site investigation is planned or anticipated to accomplish the goals of this project.

Evaluation of potential environmental effects from site construction activities (e.g., dust, airborne emissions, harbor siltation or turbidity) are also not included as part of this investigation.

B. Background

1. Site Description

The Aloha Tower project is along the waterfront of downtown Honolulu on Oahu, Hawaii. The site is bounded by Honolulu Harbor and Nimitz Highway, and extends from Piers 5 to 14, excluding portions of Pier 7 and the Hawaiian Electric Company substation (Plate 1).

Piers 5 and 6 are a landfilled peninsula, used primarily for public parking, with perimeter landscaping and lawns. Pier 5 supports berthing activities while Pier 6 is presently unoccupied.

Piers 8 through 11 are landfilled. Aloha Tower is a slender ten-story building in the northwest portion of the peninsula. The surrounding building contains

warehouses, passenger terminals, and commercial and governmental offices. The piers support shipping and receiving, storage and office space, parking area, and the Harbor Patrol Office.

Pier 12 is a partially collapsed landfilled pier. The remaining portion is used as a parking area for Department of Transportation employees.

Piers 13 and 14 are pile-supported and are occupied by a marine salvage company. Little or no landfill exists under these piers.

2. Site History

The following site history was taken from the SCI (1990a) environmental assessment, and from the Draft Environmental Impact Statement (ATA and Okamoto and Associates, 1990).

Piers 5 and 6: Prior to 1947, Piers 5 and 6 were two separate pier areas which were utilized by the U.S. Navy for berthing activities. In 1952 the Piers 5 and 6 peninsula was built, perhaps at the same time that the 10-inch fuel line that serviced this area was closed (Plate 2). By the end of the 1950s, the present parking area was constructed and continues to be used today.

Pier 6 berthed the Oceania (a floating restaurant) between 1972 and mid-1990. A transformer was installed on the pier to service the restaurant. The transformer was removed from the site after closure of the restaurant.

Piers 8 through 11: In the mid-1910s, the Piers 8 through 11 area supported coal storage as well as berthing activities and warehousing. In the 1920s, Aloha Tower was built, and the piers were renovated.

In the 1930s, the Board of Harbor Commissioners constructed and operated the Territorial Pipeline, an oil and diesel pipeline system. The pipeline runs

along Nimitz Highway and branches into the Piers 8 through 11 area. In 1952 the line was cut, a valve closed near Pier 5, and the portion of the line east of that valve was drained. The portion of the pipeline that services Piers 9 through 11 was last used in 1985, and the portion that services Pier 8 was last used at least ten years earlier.

In 1975 two 12,000-gallon fiberglass underground storage tanks (USTs) containing JP-5 jet fuel were installed at Pier 8 (Plate 2). The tanks have not been used since 1983 and have been reported to be emptied (SCI, 1990a).

A 550-gallon gasoline UST was installed at Pier 10 in 1963. The UST was used to service trucks for a contracting company. Based on a visual inspection of the tank site, it is believed that this tank has been removed (SCI, 1990a).

Pier 12: Pier 12 partially collapsed in 1966. The pier had previously been used to service passenger tour boats. The area also housed fumigation vaults and a fueling station.

Piers 13 and 14: The existing structure at Piers 13 and 14 was built in 1931. Within twenty years, a gas and oil fueling station occupied an area near Nimitz Highway. The fueling station may have been removed in 1952 (SCI, 1990a).

3. Future Development

The waterfront at Aloha Tower will bring together numerous activities and establishments including maritime, commercial and governmental offices, hotel, shops, and restaurants.

Piers 5 and 6: The peninsula will be extended several hundred feet into the harbor. A maritime building and passenger terminal will occupy the peninsula, with the finished floor elevation about the same as the existing grade.

Piers 8 through 11: Low-rise buildings will surround Aloha Tower, creating additional office space and an international cruise ship terminal. A high-rise building will occupy the Pier 11 area. Basement parking with finish grade at Elevation -8 feet MSL (or approximately 14 feet below existing grade) is planned for the peninsula. Maritime activities will continue at all piers.

Pier 12: Pier 12 will be transformed into Honolulu Fort Historic Park, a monument to the history of Honolulu Harbor. The park will be pedestrian-oriented with no roads or parking lots.

Piers 13 and 14: Two high-rise towers will be constructed on reconfigured and widened Piers 13 and 14. Maritime activities will continue.

C. Results of Previous Environmental Investigations

SCI conducted a preliminary environmental assessment in 1990 (SCI, 1990a; 1990b). Twenty-three exploratory borings were drilled, and twelve of these borings were converted to monitoring wells. Soil and groundwater samples were collected from these borings for chemical analysis. The following analyses were included in the testing program:

- Semi-volatile organics (Base/neutral/acid extractables)
- Polynuclear aromatic hydrocarbons (PNAs)
- Chlorinated pesticides
- Polychlorinated biphenyls
- Total extractable hydrocarbons
- Selected heavy metals
- Total oil and grease

- Cyanide
- Asbestos
- Purgeable halocarbons
- Purgeable aromatics
- Ethylene dibromide (EDB)

Petroleum hydrocarbons were detected in soils near the oil and diesel fuel pipeline at all piers. Concentrations of oil and grease in the soil ranged to 30,000 milligrams per kilogram (mg/kg). Total extractable hydrocarbons concentrations ranged to 8,100 mg/kg. The petroleum hydrocarbons occurred within 10 to 12 feet below existing grades.

Elevated concentrations of polynuclear aromatic hydrocarbons (PNAs) were also detected. PNAs were detected in the shallow fills at Piers 5 and 6, 8 through 11, and 12. Their occurrence may be associated with possible oil leaks, coal debris and fire-related debris. Heavy metals detected in the fill include arsenic, beryllium, and lead. Cyanide was found in one soil sample each at Piers 5 and 6, and 8 through 11. Low concentrations of pesticides were detected in the soil at Piers 8 through 11.

Two organic compounds were detected in groundwater samples, the pesticides delta-BHC at 0.2 micrograms per liter ($\mu\text{g/l}$) and kerosene at 0.5 milligrams per liter (mg/l). Eight heavy metals (Ba, Cr, Cu, Ni, Mo, Co, Hg, and Zn) were also detected in the groundwater samples.

Additional soils and groundwater sampling was conducted in December 1990 in support of aquifer testing and geotechnical drilling (HLA, 1991a; 1991b). Results indicate that elevated concentrations of contaminants were not detected within the Pier

9 aquifer test area, but were detected near the petroleum pipeline in the Piers 10 and 11 areas.

Preliminary estimates of the volume, nature and extent of on-site contamination have been made in a separate, accompanying report (HLA, 1991c). Areas of known or potential soils or groundwater contamination are shown on Plate 3.

II WORK PLAN FOR SUBSURFACE INVESTIGATION

A. Data Quality Objectives

Several contaminants have been detected in site soils at levels exceeding regulatory or cleanup standards. Furthermore, neither the sources nor the extent of contaminants have yet been adequately defined. A state Department of Health Office of Hazardous Evaluation and Emergency Response comment on the Draft Environmental Impact Statement (ATA and Okamoto, 1990) noted that releases of contaminants had been documented in the area, and that extensive evaluation of the extent of contamination may be necessary.

The data quality objectives (DQOs) specify the quality of the data required to support decisions to be made during subsequent phases of the investigation. Quality of data collected refers to: 1) the amount of data collected; 2) the strategy for data collection; and 3) the type of data collected relative to the chemicals of concern (COCs). Decisions to be made refer to: 1) the need for remediation; 2) the remedial alternatives; and 3) the assessment of risk from exposure to COCs. These decisions are discussed in Sections III and IV.

Specific areas have been targeted for detailed investigation:

- The petroleum pipeline on Piers 5 and 6, and 8 through 12.
- Two abandoned petroleum storage tanks on Piers 8 and 10.
- Fumigant vaults on Piers 9 and 10.
- Coal storage area on Piers 9 and 10.
- A former gasoline service station on Pier 12.
- An area of a potential release of pesticides on Pier 9.

The COCs potentially associated with each of these areas are listed in Table 1.

1. Sampling Locations

To provide the data necessary to accomplish project objectives, approximately 35 additional subsurface borings are planned (Plates 4, 5, and 6). Of these, 8 to 10 will be converted to groundwater monitoring wells for sampling and monitoring the uppermost aquifer beneath the site. Samples will also be collected from surficial soils at 10 to 15 locations. These boring and sampling points, when combined with the previously drilled borings and wells, will provide a sampling density of almost five points per acre. Numbers of borings, monitoring wells and samples to be collected are listed in Table 2.

2. Groundwater Sampling Strategy

An initial set of groundwater samples will be collected for selected existing groundwater monitoring wells on site, as described in Task 1 below. These samples will be analyzed for the constituents listed in Table 3.

This list was derived from results of previous investigations (SCI, 1990a; 1990b; 1991; HLA, 1991a; 1991b). On these bases, analytical procedures such as base/neutral/acid extractables (EPA Methods 625/8270) have been deleted from further consideration. Because the occurrences of halogenated hydrocarbons and certain priority pollutant metals have not yet been documented, a volatile organics scan (EPA Method 624), priority pollutant metals scan, and organic lead have been included in the first round of groundwater sampling.

If results of Task 1 support the deletion of certain analytes from further consideration, the scope of the chemical analyses in the remaining tasks will be reduced.

3. Soil Sampling Strategy

At most borings, three soil samples will be collected, generally between the ground surface and the water table. To achieve an overall characterization of the soil column at each boring location and to reduce analytical costs, the soil samples from selected borings will be identified for compositing by the laboratory prior to chemical analysis. Table 4 lists expected chemical analyses to be performed. If, however, field tests indicate that any of the three samples from a boring are anomalous, that sample will be analyzed separately. The field tests are organic vapor (headspace) measurements and the Hanby test for petroleum hydrocarbons (see Appendix A).

B. Field Tasks

The following field tasks have been developed to accomplish project objectives. The order of each task may change as work proceeds, and some tasks may run concurrently. The task descriptions are brief as the conduct of field activities is described at length in the Field Sampling Plan (FSP), Section V.

1. Task 1 - Confirmatory Groundwater Sampling

The existing groundwater monitoring wells on site (Plate 2) will be examined to evaluate their integrity, depth, screened interval, and suitability for continued monitoring and sampling. To accomplish this, well depths and depth of casing perforations will be measured, surface seals will be examined, and the overall status of each well (e.g., casing cracks, collapse, severe casing bends, or completion not in apparent agreement with well construction logs) will be assessed.

Water levels and floating product will be measured in each well deemed suitable for monitoring (measurement procedures described in Appendix A). Water samples will be collected from suitable wells that do not have floating product. Sample collection procedures are described in the following FSP. These water samples will be sent for laboratory analysis of chemical constituents listed in Table 3.

Results of these chemical analyses will be reviewed prior to initiating the subsurface investigation. Changes to the sampling program may be made depending on the results of these analyses.

2. Task 2 - Site Clearances and Permitting

Proposed drilling locations (Plates 4, 5, and 6) will be checked for adequate overhead and subsurface clearances. The latest utility maps will be used, and proposed sites verified with Pankow Builders, Ltd., representatives. Final proposed sites will be cleared, and scheduling approved by DOT Harbors Division.

Well construction permit applications will be prepared and submitted to the state of Hawaii Department of Land and Natural Resources (Appendix B).

3. Task 3 - Subsurface Investigation - Piers 5 through 6

Nine borings are proposed to be drilled at this site as shown on Plate 4, designated AB-1 through AB-9. Seven of these borings will be drilled to a depth of approximately 10 to 15 feet below grade. Two borings will be drilled approximately 10 feet below groundwater level and completed as groundwater monitoring wells (AW-4 and AW-6).

Up to three soil samples will be collected from each boring according to methods described in the FSP. These will be collected at (approximately) the following depths: 1-1/2 feet, 4 to 5 feet, and at the water table. Soil samples will be field-

tested for organic vapors, lead (total) and petroleum hydrocarbons according to the methods described in Appendix A. Depending on results of these tests, the three samples will be identified for laboratory compositing or individual chemical analysis. Table 4 lists analytes selected for chemical analysis for soil samples.

Upon completion of soil sampling, each boring will be backfilled with a cement/bentonite grout mixture, or will be completed as a groundwater monitoring well. Each well will be developed, purged, and sampled according to standard methodologies described in the FSP and Appendix A. Table 3 lists analytes selected for chemical analysis groundwater samples.

4. Task 4 - Subsurface Investigation - Piers 8 through 11

Site B encompasses the Piers 8 through 11 complex bounded by the harbor, Nimitz Highway, Fort Street, and Ala Moana Boulevard. Irwin Memorial Park is also included in this area. The area is shown on Plate 5.

The planned distribution of soil borings and monitoring wells on Piers 8 through 11 (and Irwin Memorial Park) is designed to allow both overall characterization of contaminant concentrations and to provide refinement in areas where contaminants have been detected or where past site usage caused suspicion of their occurrence. In developing the sampling locations, previous sampling and analysis (e.g., SCI, 1990a, 1990b, 1991; HLA, 1991b) were used.

Twenty-two subsurface borings are anticipated to be drilled, shown as Borings BB-1 to BB-22 on Plate 5. Additionally, soils from the five planned geotechnical borings in Irwin Memorial Park, 244 through 248, will be sampled as part of the environmental program. Finally, we intend to collect several samples of surficial soil in borings to be placed between the dwarf wall and the bulkhead wall, at locations

shown as SB-2 through SB-7 on Plate 5. These are locations of planned bulkhead probes to be conducted by MRCE.

Boring depths will be approximately 10 to 15 feet below the surface. Up to six borings will be completed as groundwater monitoring wells. These borings will be drilled to approximately 10 feet below groundwater levels. Well completion procedures are described in Task 1. Groundwater samples will be collected from each newly installed well according to the procedures described in Section V.

Soil samples will be collected from each boring at the same depths and according to the same methods as described above. Soil samples will be identified for compositing by the laboratory according to the OVA, lead, and hydrocarbon field tests. The soil samples will be tested for analytes associated with the oil and diesel pipeline (Table 4), pesticide and metals.

5. Task 5 - Subsurface Investigation - Pier 12

The mauka side of Pier 12 has been investigated by SCI (1990a). However, the makai side has not. Three borings will be drilled on this pier (Plate 6). One sample of surficial soils will also be collected. Presently, no monitoring wells are anticipated to be installed. If results of groundwater sampling (Task 1) or soil sampling in this task indicate that groundwater contamination is present, one additional monitoring well will be installed.

Borings CB-1 to CB-3 will be drilled to approximately 8 feet below the surface. If deemed necessary, Boring CB-3 will be converted to a groundwater monitoring well.

One soil sample will be collected from Boring SC-1 just below the base course. The soil sample from this boring will be tested for analytes associated with the

fumigant vaults (Table 4). The soil samples from the three borings will be tested for analytes associated with the oil and diesel pipeline (Table 4).

6. Task 6 - Groundwater Monitoring

Groundwater levels and the potential occurrence of free product will be monitored on a regular basis during the course of field work. Both existing and newly installed wells will be monitored.

Measuring points of newly installed and suitable existing monitoring wells will be surveyed by a Hawaii-licensed surveyor.

7. Task 7 - Evaluation of Leachability Characteristics

During each field task, soil samples will be collected for evaluation of leaching potential as defined in Title 40, Code of Federal Regulations, Part 261 (amended March 29, 1990). It is anticipated that samples will be composited from selected borings to provide assessment of average waste characteristics. Samples from areas suspected to contain significantly elevated concentrations of contaminants will be analyzed separately. For budgeting purposes, we estimate that 15 soil samples will be analyzed (Table 3).

Because of occasional elevated concentrations of lead detected in soil samples (SCI 1990a, 1990b, 1991; HLA, 1991a, 1991b), additional analysis of samples with elevated lead concentrations will be conducted. These analyses will include organic lead determination, leachability (using the EP toxicity test for metals), and physical analysis in an attempt to evaluate the nature of these elevated lead concentrations.

We estimate that 10 soil samples will be analyzed for lead leachability and nature.

8. Task 8 - Evaluation of Cuttings/Waste Disposal

Disposal options for the drummed soil cuttings, both presently on site and those additional drums from Tasks 3 through 5, will be evaluated. Each drum will be labeled with contents and boring number (if known). After chemical analyses have been completed, drums will be segregated according to relative degrees of contamination.

It is currently planned to store drums of cuttings on site in the present drum storage area (Pier 9). During site excavation, contents of these drums will then be added to the appropriate waste stream.

9. Reporting

At the conclusion of field activities, a summary report will be prepared. Boring logs, chemical analyses and monitoring results will be presented and discussed. Final estimates of waste volume, extent and characteristics will be made. Remedial options will be briefly described.

Recommended changes in the scope of the Feasibility Study (FS) and Risk Assessment (RA) will also be discussed.

III WORK PLAN FOR REMEDIAL FEASIBILITY STUDY (FS)

A. Objectives

A feasibility study (FS) will be conducted to identify, test, and evaluate remedial options for soil and groundwater. A preliminary feasibility study has been prepared and has been submitted separately to ATA (HLA, 1991c). The purpose of that study was to provide an estimate of "worst case" conditions, based on our limited understanding of the extent and nature of the subsurface contamination, and on a restricted set of remedial options.

The objectives of this FS are to:

1. Identify the applicable or relevant and appropriate requirements (ARARs) regarding action levels, treatment, and disposal of soil and groundwater;
2. Identify a limited set of strategies that will satisfy project and regulatory requirements for waste removal and ultimate disposal;
3. Identify particular data requirements that will be used to choose and evaluate a proposed remedial alternative; and
4. Analyze and evaluate the selected alternative.

The FS is usually conducted concurrently with the remedial investigation so that data needs may be readily satisfied.

B. Tasks

The following tasks comprise the FS:

1. Task 1 - Evaluate ARARs

The development of both remedial alternatives and the risk assessment depends on identification and evaluation of governmental requirements, standards and criteria. To a limited extent, this task has been addressed during the evaluation of Data

Quality Objectives (Section IIA). Table 1 lists the assumed regulatory basis for each COC identified for this investigation. The FS study must be updated, however, once field data have been obtained. In this way, measured concentrations of COCs can be compared to ARARs, additional ARARs identified, and inappropriate ARARs dropped.

2. **Task 2 - Preliminary Identification of Remedial Alternatives**

Potential remedial alternatives range from no action, landfilling, and recycling in asphalt plants, to microbially enhanced bioreclamation, fixation, steam or solvent stripping (soil washing), sand ultraviolet (UV) oxidation, to off-island disposal. These alternatives have been discussed in our preliminary feasibility and remedial alternative study (HLA, 1991c). Each plausible remedial alternative will be listed and assigned a ranking. The ranking of each alternative will be on the basis of:

- Implementability;
- Cost effectiveness;
- Remedial effectiveness;
- Time constraints;
- Space constraints; and
- Permitting or regulatory requirements.

3. **Task 3 - Treatability and Recycling Studies**

For the set of alternatives, the treatment effectiveness will be both tested and optimized during treatability studies. For these studies, samples of the waste are subject to bench and pilot scale testing. Inputs (e.g., microbes, nutrients, temperature, moisture, type of contaminant) are varied until the optimal input mixture is obtained, both with respect to treatment effectiveness and cost effectiveness. HLA's Novato, California, laboratories would conduct biological treatability studies. Asphalt

recycling, if identified as a plausible alternative, would be evaluated in HLA's Reno laboratory.

Recycling waste in asphalt or concrete plants require both material suitability and market suitability. Testing for material suitability is described in our accompanying report (HLA, 1991c). Market suitability will be tested by surveying existing and anticipated needs on Oahu, and determining the optimal conditions for recycling this waste in road, land area reclamation, or building products.

4. Task 4 - Design Parameters

The proposed remedial alternative or set of alternatives will be presented to both ATA and the Aloha Tower Development Corporation (ATDC) for review, comment, and approval.

Once approvals have been obtained, permitting needs will be identified, and disposal/storage options will be decided. Final design criteria will then be established. Costs of transport, storage, and treatment will be estimated. Design guidance will be prepared if requested.

Groundwater remediation, if required, may be conducted on a "spot" basis, during and after soils removal. Design of groundwater remedial systems will be necessary somewhat ad hoc, so that site conditions and construction activities may be accommodated.

5. Task 5 - Reporting

Interim reports will be submitted at the end of Tasks 2 and 3. It is anticipated that oral presentations will be made to ATA, ATDC, and DOH as remedial alternatives are evaluated (Task 3) and after Task 4.

A final report will summarize results and recommendations of the FS. The report will be submitted after the subsurface investigation (Section II) has been completed, and results have been reported. Each FS task will be described and results presented.

IV WORK PLAN FOR BASELINE RISK ASSESSMENT (RA)

A. Objectives

A risk assessment (RA) is conducted to estimate potential health effects associated with exposure to chemicals associated with the site and/or migrating from the site. The RA establishes an upper bound of the potential health impacts from long-term exposures to chemicals via identified environmental pathways. Potential impacts estimated for these pathways are compared to health-based or regulatory criteria to define which pathways may be of greatest concern, should exposures occur.

The RA methods described below will be conducted for two areas:

1. Where contaminated or potentially contaminated soils and groundwater are to be left in place; and
2. Where final storage and/or treatment is to take place for soils to be removed from the project site. The storage/treatment area presently being considered is adjacent to the reef runway at Honolulu International Airport.

Because transportation routes and methods (e.g., trucking, barging) have not yet been decided, an RA associated with these activities is not included in this work plan. This item may be added if it is later determined to be important.

B. Tasks

1. Task 1 - Data Evaluation and Statistical Analysis

HLA's staff will gather, organize, and review the existing data at the site, including background information, analytical data collected to date, and site specific data necessary to accurately assess exposure assumptions.

Data will be statistically evaluated to calculate arithmetic and geometric means, variance and standard deviation of each COC. The maximum detected

concentration of each COC, 95 percent confidence limit of the mean, and the frequency of detection of each COC will also be calculated.

2. **Task 2 - Identification of Potential Routes of Migration**

The identification of potential routes of migration will take place once the locations of areas of excavation, buildings, roadways, water use and vegetated areas have been decided. The shallow hydrogeologic system will be evaluated as a potential route of migration. For excavated soils, the characteristics of the proposed storage and treatment area in addition to the hydrogeologic system will be evaluated to identify migration routes in that area. Once potential routes have been evaluated, potential receptors, including humans and marine fauna and flora will be identified.

3. **Task 3 - Contaminant Fate and Persistence**

This task will be conducted once the analytical data from the field investigation is received. This study will make use of HLA's extensive computerized data base on chemical and contaminant properties, including health-based data. The fate and persistence of COCs are highly dependent on site environmental properties such as soil properties, rate and direction of groundwater flow, ambient groundwater quality, and local climate. Site environmental properties will be included in this evaluation. This task will be conducted in HLA's Novato offices.

4. **Task 4 - Assessment of Toxicological Properties**

The toxicological properties of each COC identified in the subsurface investigation as being of concern to human health or the environment will be evaluated using HLA's data base. Those chemicals that are found to be present above background and sample blanks will be further evaluated according to the Risk Assessment Guidance for Superfund (EPA, 1989a).

HLA will review recently published information on human toxicity and effects of aquatic organisms and prepare a short summary of the available toxicity information for each of the COCs. EPA's Integrated Risk Information System (IRIS) database (EPA, 1991) will be consulted to obtain the most current toxicity information (e.g., reference doses and slope factors) for the chemicals of potential concern. The Agency for the Toxic Substances and Disease Registry (ATSDR) toxicity profile for benzene (ATSDR, 1989) and health effects assessment documents for benzene and toluene (EPA, 1989a,b) are examples of other sources from which toxicity information can be obtained. Additional toxicity, fate and transport information can be obtained, if necessary, from over 200 data bases to which HLA has access.

5. Task 5 - Identification of Exposure Pathways

Exposure pathways will be evaluated for each constituent identified above to each potential receptor identified in Task 1. Potential exposure pathways that may be evaluated are:

- Direct ingestion;
- Inhalation of dusts and gases;
- Dermal contact; and
- Ingestion of potentially impacted marine biota.

6. Task 6 - Assessment of Exposure

Generally, environmental modeling is used to evaluate the potential health impacts to receptor populations. HLA has experience using numerous models for these evaluations, including EPA's Graphical Exposure Modeling System (GSC, 1987). Through these models, HLA evaluates the migration of a chemical from the site to the receptor (exposure point), and estimates the concentration to which the receptor may

be exposed. Standard exposure assessments and published health effects (e.g., EPA, 1986a; 1986b; 1989a; 1989b, 1989c) will be used for this assessment.

7. Task 7 - Risk Characterization

Health effects for potential or known carcinogens will be evaluated using published carcinogenic slope factors. Noncarcinogenic health effects will be evaluated using the Hazard Index (EPA, 1989a). These will be calculated for each exposure pathway and potential receptor under evaluation.

8. Task 8 - Reporting

A final report will be prepared presenting a methodology, data, calculations, results and conclusions of this risk assessment. Recommendations for reductions of potential exposure will be made, if results indicate that exposure will likely occur. Recommendations for reducing exposure caused through remedial activities will be incorporated into the remedial design.

V FIELD SAMPLING PLAN (FSP)

This Field Sampling Plan (FSP) presents the procedures to be employed during the field investigation. To the extent possible, the field investigation will be guided by the FSP. Because of the uncertainties inherent in all subsurface investigations, the FSP may not cover all contingencies, and deviations from this plan may at times occur. Such deviations will be appropriately noted at the time of occurrence. Significant deviations may require amendments to this FSP.

The Quality Assurance Project Plan (QAPP, Section VI) presents the procedures to be followed to ensure that data collected are accurate, precise, complete and representative of actual field conditions. Quality assurance is an integrated program for assuring reliability of monitoring and measurement data. Environmental monitoring and laboratory analyses conducted for this project will be performed in accordance with this plan.

A. Sampling Objectives

Five primary sources of environmental concern have been identified within the project area based on our review of previous investigations and site reconnaissance.

These potential sources as shown on Plate 3 are:

1. Oil and diesel pipeline running along Nimitz Highway and the waterfront at Piers 8 through 11, and Piers 5 and 6;
2. Former coal storage areas at Piers 8 through 11;
3. Former fumigant vaults and stations at Piers 8 through 12;
4. Underground storage tank sites at Piers 8 through 11; and
5. Fill material used to landfill Piers 5, 6, 8, 9, 10, 11 and 12.

Other isolated sources of environmental concern will also be investigated at Piers 5 and 6 (PCB transformer) and at Piers 8 through 11.

The objectives to be achieved for field subsurface sampling are:

1. To obtain the broadest and most representative description of site environmental conditions;
2. To ensure that the project objectives are met; and
3. To provide necessary and complete information for the Feasibility Study.

B. Soil Sampling Procedures

Proposed sampling locations are shown on Plates 4 through 6. Prior to any drilling activities, HLA will obtain necessary permits required by the state of Hawaii, and other applicable regulatory agencies. The oil and diesel pipeline will be located by toning, and the locations of borings will be toned to check for underground utilities prior to drilling.

Soil borings will be drilled using a Mobile B-40, B-61 or B-80 truck-mounted drilling rig. Augers will be hollow-stem and have 6-inch or larger outside-diameter flights. If obstructions prevent penetration using hollow-stem augers, then solid-stem augers or air rotary methods will be used until such obstructions are penetrated. In certain instances where obstructions prevent further drilling, the boring will be abandoned, and a new location will be selected for drilling.

Borings for monitoring wells will extend approximately 10 feet below the water table, and borings for soil sampling will extend a few feet below the water table. Drilling and sampling methods will be consistent with ASTM Method D-1452-80. A geologist, engineer, or qualified field technician will monitor the drilling and shall prepare lithologic logs of the borings using the Unified Soil Classification System

(USCS) and the Munsell or GSA color system. All logs will be prepared on standard HLA form *Field Log of Boring* (Appendix B). A detailed description of lithologic logging and soil sample collection procedures is given in Appendix A.

C. Groundwater Sampling Procedures

1. Monitoring Well Construction Methods

Groundwater monitoring wells will be installed at the locations shown on the site maps, Plates 4 through 6. Monitoring wells will be installed to facilitate the evaluation of:

- Groundwater quality;
- Floating product;
- Potentiometric levels; and
- Hydrogeologic characteristics.

Once drilling is completed, the depth at which the bottom of the well is set will be measured using a fiberglass measuring tape with a weighted end. The depth of the upper and lower surface of the sand pack, bentonite seal, and grout in the annulus surrounding the well casing will be similarly measured. These measurements, along with information regarding the screened interval and types of materials used, will be recorded on the *Well Construction Summary* form.

The well casing and screen will be constructed with two 4-inch-diameter, Schedule 40, flush-joint threaded PVC materials. The screen will be of continuous wrap construction, with slot openings of 0.020 or 0.040 inches. The screen will be 10 feet long, and the top of the screen will be placed about 2 feet above the static water

level in the well. A sand pack of clean silica sand will be placed adjacent to the entire screened interval and will extend at least one foot above the top of the screen.

A 1- to 2-foot-thick seal of bentonite will be placed above the sand pack. The annulus above the bentonite seal will be filled with cement grout. The well casing will extend 2 to 3 inches below ground surface, and a protective locking lid will be placed on top of the casing. A valve box will be installed flush to the ground surface to provide access to the well.

2. Well Development and Purging

Each groundwater monitoring well will be developed by surging, bailing, pumping or air-lift. Each well will be developed until discharge is reasonably clear and free of sediment. Target turbidity is 5 to 10 Nephelometric Turbidity Units (NTUs). If free product is detected in a monitoring well, no further well development will be conducted.

If surging or bailing is insufficient to properly develop the well, a pump will be placed near the bottom of the well and pumped at a discharge rate that can be continuously maintained until turbidity of the discharge water is minimized. The adequacy of well development will be determined by the site geologist.

Groundwater sample collection will begin with upgradient wells or those anticipated to have only low levels of contaminants, and progress to wells which are anticipated have higher levels of contaminants. All measuring and sampling equipment will be decontaminated prior to sampling. Wells will be purged using a stainless steel piston pump, stainless steel bladder pump, or bailer. Purged water temperature, conductivity and pH will be monitored during the process. Approximately three water-filled casing volumes will be purged prior to sampling. If a well is purged dry before

three casing volumes have been removed, the sample will be collected after the well has recovered to within 80 percent of the pre-purging water level, or after 24 hours, whichever comes first. Purging and development fluids will be stored in drums. All purging and groundwater sampling information will be logged on the *Groundwater Sampling Form*, Appendix B.

3. Groundwater Sampling Procedures

Groundwater samples will be collected from wells in which free product has not been detected. Water samples will be collected with a Teflon or stainless steel bailer, Teflon/stainless steel bladder pump or stainless steel piston (Bennett). Methods of analyses, sample containers, preservation methods and holding times are specified in Table 5. Prior to sampling, the following field parameters will be measured: temperature, pH, conductivity, alkalinity, turbidity, and dissolved oxygen.

The following information will be entered on *Groundwater Sampling Forms* (Appendix B) at the time of sampling:

- Name of sampler, time and date of collection;
- Sample location;
- Sample and boring number;
- Volume of each sample container;
- Type of analysis;
- Preservatives;
- Purge method, volume, and time;
- Groundwater appearance (e.g., color, odor, solids);
- Groundwater level prior to sampling;
- Sampling technique; and

- Field-measured parameters (pH, temperature, alkalinity, dissolved oxygen, conductivity, turbidity).

Samples will be collected in their appropriate containers in the following order (i.e., in general accordance with decreasing volatility of the analytes):

- Containers for volatile organics and petroleum hydrocarbons;
- Pesticides;
- EDB and methyl bromide;
- PNAs;
- PCBs; and
- Metals and inorganics.

Groundwater samples to be analyzed for metals will be filtered using a disposable in-line acetate filter. Filter opening will be 0.45 microns. Filter pressure will be supplied using a Geofilter peristaltic pump with replaceable tubing. Alternatively, the in-line filter may be connected to the discharge line of the bladder or piston pump, if either of those are used for groundwater sampling.

Each sample will be packaged and transported as described in the following protocol:

- a. Collect samples in appropriate containers.
- b. Add preservatives, as necessary (Table 5) immediately following sample collection and filtering.
- c. Print in waterproof ink on the sample label (Appendix B) the preservative added, the sample number, the initials of the sample collector, and the date and time that the sample was collected.
- d. Seal and package the sample containers, as appropriate.
- e. Fill out sample log and chain of custody.

- f. Separate and place samples into coolers according to laboratory designation. Each cooler must weigh less than 70 pounds, including ice. Keep samples well protected from shipping damage.
- g. Cool samples, if required, using sealed reusable ice packs only.
- h. Label coolers "Fragile" and "This Side Up."
- i. Coolers will be delivered to the analytical laboratory by HLA or designated couriers.

D. Sample Quality Control Procedures

Quality Control (QC) during soil and groundwater sampling, handling, storage, transport, and analysis is ensured by strictly following protocols described in this FSP. In addition, certain QC samples will be collected to evaluate the potential for carry-over and cross-contamination of samples.

For soil sampling, the following QC samples will be collected:

1. Equipment Blank: Deionized (DI) water collected from the final rinse of the assembled split-barrel sampler. One equipment blank per soil sampling batch will be submitted along with the rest of the soil samples collected during that period. The equipment blank will be tested for all analytes tested with the batch.
2. Field Blank: Deionized water used for decontamination will be poured into sample containers in the field and submitted with the regular samples. Field blanks will be tested for all the analytes listed in Table 3 and 4.
3. Trip Blank: Deionized water prepared by the laboratory, unopened both from and to the laboratory. The laboratory will provide sufficient trip blanks for submission of one sample per cooler shipped with soil samples from the UST sites. The trip blanks will be collected in 40-milliliter VOA vials. Trip blanks will be tested for volatile organics, BTEX and TPH as gasoline.

For groundwater sampling, the following samples will be collected:

1. Field Blank: One blank per sampling batch will be tested for all the analytes listed in Tables 3 and 4.

2. Equipment Blank: A sample of final rinse water from the bailer or sampler will be collected and submitted with the regular samples. One equipment blank per water sampling batch will be collected and submitted. The equipment blank will be tested for all of the analytes tested with the batch.
3. Trip Blank: One trip blank per cooler will be shipped with water samples from the UST sites.
4. Duplicate: A field split of a water sample poured sequentially into two containers from a bailed sample. One duplicate per water sampling batch will be collected and submitted. The duplicate sample will be tested for all the analytes tested with the batch.

These samples will be submitted blind, with only collection sequence numbers and no further sample identity.

E. Decontamination and Disposal Procedures

1. Equipment Decontamination

All equipment that comes in contact with potentially contaminated soil, drilling fluids, or water will be decontaminated prior to and after each use. Decontamination will consist of steam-cleaning and washing with non-phosphate detergent and freshwater or deionized (DI) water, as appropriate.

Drilling, sampling and monitoring well installation equipment will be decontaminated as follows:

- a. Drill rig augers, drill rods, bits and other drilling equipment will be steam-cleaned prior to use and between borings. Visible soil and grease will be removed at this time.
- b. Soil sampling equipment will be steam-cleaned prior to each boring.
- c. Unless the factory seals have not been broken, casing, screen, couplings and caps used in monitoring well installation will be steam-cleaned prior to installation.

- d. The exterior surfaces and accessible interior portions of the centrifugal pump will be steam-cleaned prior to each use. Inaccessible interior portions will be cleaned prior to each use by purging potable water and detergent through the pump and discharge lines, followed by purging potable water.
- e. Teflon and stainless steel bailers and pumps will be washed with detergent, and rinsed with DI water prior to each use. Rope or string used with bailers will be replaced after each use. Bailer ropes will be protected from contact with the ground, contaminated equipment, and skin. An equipment blank will be periodically collected and included in the analytical program.
- f. Steel tapes, well sounders, and water quality probes will be cleaned in detergent and rinsed in freshwater or DI water prior to each use. Generally, only the wetted end of these devices will require cleaning, provided it is washed and rinsed prior to being reeled onto the takeup spool.
- g. Water-sampling containers will be cleaned and prepared by the analytical laboratory.
- h. Stainless steel soil sampling tubes will be steam-cleaned, or washed in detergent and rinsed with potable water, followed by a DI rinse and air-drying prior to use.

2. Disposal Procedures

Soils and fluids that are produced or used during the installation, development, and sampling of monitoring wells and borings and that are known or suspected to be contaminated, will be contained in drums at the site. Fluids produced or used during the above operations that appear to be uncontaminated will be disposed of at the site.

Waste fluids or sediments generated during decontamination procedures will be handled in a similar fashion. Residual substances generated during decontamination procedures will be placed in appropriate containers. Disposal of drums generated during field sampling is discussed in the Work Plan, Section II.

VI QUALITY ASSURANCE PROJECT PLAN (QAPP)

A. Quality Assurance Objectives

The overall quality assurance (QA) objectives are to develop and implement procedures for obtaining and evaluating data in an accurate, precise, and complete manner so that measurements provide information that is comparable and representative of actual conditions. Important definitions are:

- Accuracy - the degree of agreement of a measurement with an accepted reference or true value.
- Precision - a measurement of mutual agreement among individual dual measurements of the same property, usually under prescribed similar conditions. Usually expressed in terms of the standard deviation.
- Completeness - the amount of valid data obtained from a measurement system compared to the amount that was expected and needed to be obtained to meet the project data goals.
- Comparability - expresses the confidence with which one data set can be compared to another.
- Representativeness - refers to a sample or group of samples that reflects the characteristics of the media at the sampling point. It also includes how well the sampling point represents the actual parameter variations under study.

The field and laboratory practices and procedures that will be used to satisfy these requirements are described in this chapter.

B. Sample Custody Procedures

Sample custody procedures will be followed through sample collection, transfer, analysis, and ultimate disposal. The purpose of these procedures is to assure that 1) the integrity of samples is maintained during their collection, transportation, and storage prior to analysis; and 2) post-analysis sample material is properly disposed.

1. Field Documentation

Information pertinent to field surveys, measurements, and sampling will be recorded on *Field Investigation Daily Report* sheets (Appendix B). Entries on these reports will include the following:

- Name and title of author, date and time of entry, and physical/environmental conditions during field activity;
- Location of sampling or measurement activity;
- Names and titles of field crew;
- Type of sampled or measured media (e.g., soil, groundwater, air, etc.);
- Sample collection or measurement methods;
- Number and volume of samples collected (also recorded on *Groundwater Sampling Forms*, as appropriate);
- Description of sampling points;
- Description of measuring reference points;
- Date and time of collection or measurement;
- Sample identification numbers;
- Sample preservative;
- Sample distribution (e.g., laboratory);
- Field observations and comments; and
- Field measurement data (also recorded on *Groundwater Sampling Forms*, as appropriate).

Sample quantities, types, and locations will be determined before the actual field work commences. As few people as possible will handle samples. The

field sampler is responsible for the care and custody of the collected samples until they are properly transferred.

Each sample will be labeled and sealed properly immediately after collection. Sample identification documents will be carefully prepared so that identification and chain-of-custody records can be maintained, and sample disposition can be controlled. Forms will be filled out with waterproof ink.

Sample labels (Appendix B) provide identification of samples. Where necessary, the label is protected from water and solvents with clean label-protection tape. Each label will contain the following information:

- Name of collector;
- Date and time of collection;
- Place of collection;
- Job number;
- Sample number; and
- Preservative (if any).

2. Chain-of-Custody Record

A chain-of-custody record will be filled out for every sample and will accompany every sample shipment to the analytical laboratory in order to establish the documentation necessary to trace sample possession from the time of collection. An example of the *Chain-of-Custody* form to be used is shown in Appendix B. The record will contain the following information:

- Sample identification;
- Signature of collector, sampler or recorder;
- Date and time of collection;

- Sample type;
- Sample containers;
- Sample preservative;
- Signatures of persons involved in the chain of possession;
- Inclusive dates of possession; and
- Analyses requested.

The laboratory portion of the form should be completed by laboratory personnel and will contain the following information:

- Name of person receiving the sample;
- Date of sample receipt; and
- Sample condition (recorded in section labeled "miscellaneous" or "remarks").

3. Sample Transfer and Shipment

Samples are always accompanied by a chain-of-custody record. When transferring samples, the individuals relinquishing and receiving the samples will sign, date, and note the time on the chain-of-custody record. Samples will be packaged properly for shipment and dispatched to the appropriate laboratory for analysis. Custody tape will be placed on all shipping containers. The chain-of-custody record will accompany each shipment. The method of shipment, courier name, and other pertinent information will be entered in the chain-of-custody record.

4. Laboratory Custody Procedures

All samples will be received by the laboratory's Sample Control Group and will be carefully checked for label identification, and accurate completed chain-of-custody records. Each sample will then be assigned a unique laboratory identification

number through a computerized laboratory information management system that stores all identifications and essential information. The system tracks the sample from storage through the laboratory system until the analytical process is completed and the sample is returned to the custody of the Sample Control Group for disposal. Access to the laboratory is restricted to prevent any unauthorized contact with samples, extracts, or documentation.

5. Sample Disposal

Unless notified by the program manager, excess or unused samples will be disposed by the laboratory in an appropriate manner consistent with applicable government regulations and the laboratory disposal practices.

C. Corrections to Documentation

Original data recorded in field investigation daily reports, chain-of-custody records, and other forms will be written in waterproof ink. None of these documents will be altered, destroyed, or discarded, even if they are illegible or contain inaccuracies that require a replacement document.

If an error is made on a document assigned to one individual, that individual will make corrections by crossing a single line through the error, entering the correct information, and initialing and dating the change. The erroneous information will not be obliterated. Any subsequent error discovered on a document will be corrected. All corrections will be initialed and dated.

D. Instrument Calibration Procedures

Procedures described in this section pertain to the calibration of equipment and instruments to be used on the project. Included is a description of the procedure or

reference to an applicable standard operating procedure, the calibration frequency, and the calibration standards to be used. The use of these instruments in the field is described in Appendix A.

1. Water-Level Instruments

Electric sounder:	Check against steel surveyor's tape prior to use.
Steel tape:	Manufacturer-supplied temperature correction will be applied if applicable for field conditions.

2. Portable Gas Analyzers

Three types of portable gas analyzers are available for on-site use during field operations: HNu Systems PI-101 Photoionizer; Foxboro (Century) Model 128 Organic Vapor Analyzer (OVA); and a Bacharach TLV meter. Calibration procedures vary according to whether these instruments are to be used for general qualitative survey tasks, or for tasks that involve quantification of concentrations. For general survey work, the factory-supplied instruction manual will be used as a guideline for calibration.

Calibration procedures are as follows:

- Each day, prior to collecting analytical measurements, the instrument(s) to be used will be calibrated using a factory-supplied standard gas. The OVA will be calibrated using 100 ppm methane; the TLV will be calibrated using 500 ppm hexane; and the HNu may be calibrated using any factory-supplied standard gas.
- Each of these instruments will be calibrated by connecting the instrument probe to a container filled with a standard gas. The instrument will draw in a sample of the gas and will provide a reading of the gas concentration. This reading is then adjusted to the exact value of the calibration gas using the appropriate calibration knob.

3. pH Meter

An Orion Research digital pH meter will be used to measure pH. Factory-supplied buffer solution will be used to calibrate the meter daily. Two buffers that bracket expected pH values will be used. Only fresh buffer solutions (less than six months old) will be used. Temperature corrections, supplied with each buffer solution, will be applied to each measurement.

4. Specific Electrical Conductance Meter

The conductivity meter used is a YSI Model 33 S-C-T, with a 10-foot probe. The meter is factory-calibrated annually and field-calibrated prior to each day's use using a factory-supplied potassium chloride standard.

5. Temperature

Mercury thermometer calibration: factory-calibrated once, and checked with measurements from duplicate thermometer prior to use.

Temperature meter calibration (on conductivity meter): calibrated against mercury thermometer.

6. Turbidity Meter

The Hach Model 16800 Turbidimeter is calibrated using factory-supplied stable standards in sealed vials. Three turbidity ranges are used: 0-1, 0-10, and 0-100 NTUs. A turbidity standard is available for each of these ranges. Prior to each use, the meter is calibrated using the appropriate standard for the expected measurement. If that measurement is out of range, the meter will be recalibrated using a new standard.

7. Petroleum Hydrocarbons Field Test

The Hanby test for hydrocarbons in soils is a quantitative analysis using colorimetric comparison. Factory-supplied standards are used for calibration. Quality

control is applied through periodic analysis of water blanks and organics-free soil standards. No other test calibration is required.

E. Laboratory Analytical Procedures

The laboratory will employ analytical procedures provided in the Environmental Protection Agency document *Test Methods for Evaluating Solid Waste* (EPA 1986c), or in Standard Methods (APHA, latest edition). The laboratory instruments used will be calibrated according to and at the frequency indicated by the QA/QC procedures for the analytical laboratory. These QA/QC procedures will meet or exceed individual analytical method requirements.

F. Data Reduction, Validation and Reporting

Data collected during investigation tasks will be appropriately identified, validated, and recorded. When test data have been reduced, the method of reduction will be described in such reports. Field measurements and analytical results will be entered into HLA's computer Data Base Management System (DBMS). Entry of data to the DBMS will be checked using verification routines and visual inspection of hard copies of data files.

1. Field Measurement Data

Validation of data obtained from field measurements will be performed by regularly checking procedures utilized in the field and comparing the data to previous measurements. Data that cannot be validated will be so documented.

The following reporting requirements will be followed for field data:

- pH: Field measurements will be reported to 0.1 pH unit.

- Electrical conductivity: Field measurements will be read and reported to 1/50 of the meter scale.
- Temperature: Field measurements will be reported to ± 0.5 degrees Celsius.
- Turbidity: Field measurements will be reported to 1/10 of the meter scale.
- Water levels: Measurements will be repeated until at least two are in agreement to the nearest 0.02 foot.
- Soil sample depths: Tape measurements will be made to the nearest 0.1 foot; measurements made by known length of drill string will be made to the nearest 0.5 foot.

2. Laboratory Analytical Data

Validation of analytical data will be performed by a senior professional at the laboratory and by the HLA Quality Assurance (QA) Officer (or designated representative) prior to and following data entry into the DBMS and prior to subsequent procedures to be used for evaluating the precision, accuracy, and completeness of the chemical data. The purpose of implementing these procedures is to verify that the chemical data generated are accurate, precise, and complete, and representative of site conditions.

Chemical data will be validated according to accuracy, precision, and completeness criteria for both the field and analytical laboratory programs. If problems arise and the data are found to deviate from previous analyses or surrounding conditions, the data will be annotated. Sample recollection and analysis will only be used in extreme quality control problems. For example, if repeated erratic results are obtained from a particular well (variations of 100 to 200 percent) for concentrations that are at least 1 to 2 orders of magnitude above the analytical method detection limit, then the well may be redeveloped and resampled.

The laboratory analytical data will be evaluated based on the following types of control samples:

- Spikes - Intended to evaluate data accuracy.
- Blanks - Intended to evaluate whether laboratory or field procedures represent a possible source of contamination of field samples. Four types of blanks will be analyzed: trip blanks, field blanks, equipment blanks, and internal laboratory blanks.
- Duplicates - Intended to evaluate data precision. Two types of duplicate samples will be analyzed: field duplicates and matrix duplicates.

The completeness of data represents an estimate of the amount of data expected from the field programs versus the amount of data actually entered into the data base that is available for interpretation. Completeness will be assessed prior to preparation of reports and will include checking that all entries in the DBMS are properly entered. Checked data will be initialed and maintained on file. Data will not be eliminated from the DBMS based on statistical methods.

The procedures for evaluating both the field and laboratory data are presented below:

a. Spikes

The procedure for assessing spike samples will be as follows:

- 1) Tabulate spike sample data and calculate the percent recovery as shown below for each sample:

$$\text{percent recovery} = \frac{(T - X)}{A} \times 100$$

where: T = total concentration found in spiked sample
X = original concentration in sample prior to spiking
A = actual spike concentration added to sample

- 2) Calculate the percent recovery.

- 3) Identify those samples that exceed the Upper Warning Limit (UWL) or are less than the Lower Warning Limit (LWL) for the percent recovery. Identify those samples that exceed the Upper Control Limit (UCL) or are less than the Lower Control Limit (LCL) for the percent recovery. Perfect recovery is 100 percent.
- 4) Evaluate the significance of data that fall outside the control limits. If the UCL and/or LCL is exceeded, the laboratory will be notified. The data from that period will be evaluated for the compound that exceeds the limits, and corrective action will be taken, as appropriate. If the LWL and/or UWL is exceeded, the qualitative analysis will focus on the items listed in the discussion of the duplicates analysis. Data will not be removed from the data base, but may be qualified by narrative interpretations.

b. Blanks

The evaluation procedure for blanks is a qualitative review of the chemical analysis data reported by the laboratory. The procedure for assessing blank samples will be as follows:

- 1) Tabulate the data from the blank samples. A separate table will be prepared for both the field and trip blanks.
- 2) Identify any blank samples that have chemicals detected in the sample.
- 3) If no chemicals are detected in any blank samples, the tables are ready for entry into the data report.
- 4) If unacceptable concentrations of chemicals are detected in blank samples,* the QA Officer will notify the laboratory and will review other recent results from blank samples from that laboratory to determine whether this is an isolated incident. If necessary, based on the significance of the problem, the QA Officer will submit additional blank

* An example of acceptable chemicals that may be detected are common laboratory contaminants (methylene chloride, acetone, 2-butanone, toluene and bis[2-ethylhexyl] phthalate) which may be present in the blank at up to five times the reporting limit and still be considered acceptable.

samples to the laboratory to verify that the problem exists and/or determine whether the problem has been corrected.

- 5) If unacceptable concentrations of chemicals are found in blank samples, the compound and concentration will be reported, and the field data for that period will be assessed for potential problems with data interpretation. No data will be removed from the data base based on chemicals being detected in blank samples. Appropriate notations will be made in the data base reports.

c. Duplicates

The procedure for assessing duplicate samples will be as follows:

- 1) Tabulate duplicate data and calculate the positive difference, and relative percent difference (RPD) as shown below for each duplicate pair:

$$RPD = [(X_1 - X_2)/\bar{X}] \times 100$$

Where X_1 = concentration of sample 1 of the duplicate

X_2 = concentration of sample 2 of the duplicate.

\bar{X} = mean of sample 1 and 2.

- 2) Calculate the average for the RPDs for all duplicate pairs.
- 3) Calculate the standard deviation for the RPDs using the formula shown below (APHA, 1985):

$$s = [\Sigma(X - \bar{X})^2 / (n - 1)]^{1/2}$$

Where s = standard deviation

n = number of observed or calculated values

X = individual observed or calculated value

\bar{X} = mean of all observed or calculated values

- 4) Calculate the UWL and UCL for the RPDs so that the UCL represents a 95 percent confidence interval. These limits are obtained for the UCL by adding the average RPD to the result of multiplying the standard deviation by 2.77. The UWL is obtained by adding the average RPD to two-thirds

of the UCL. (NOTE: No lower warning or control limits are calculated because the distribution of data is "one tailed" away from zero.)

- 5) Identify any duplicates that exceed the UWL or the UCL.
- 6) Qualitatively evaluate the significance of the data that fall outside the control limits, and if necessary, compare such data with other sampling results. The evaluation will focus on historical variations in concentrations at the sample location, the concentrations at sampling locations, whether problems arise for one particular compound or random compounds, and whether the problem is limited to one or several sampling locations. Data will not be removed for the data base based on statistical significance, but may be qualified based on the evaluation. If data quality problems arise, the analytical laboratory will be notified for corrective action.

3. Reporting Requirements

The appropriate documents will be prepared and distributed that will summarize both the field activities performed and the results obtained. These reports will be distributed and maintained in accordance with the scope of work. These submittals, to the extent applicable, will include the following:

- Presentation of results;
- Summaries of field data;
- Lithologic description of logs;
- Schematic diagrams of monitoring well construction; and
- Tabulations of all chemical data.

G. Quality Assurance and Quality Control Audits

During the course of field investigation, audits of the field and analytical programs will be performed. The drilling and well installation program will be audited

once at each site, and the groundwater sampling and analytical program will be audited at least once according to the sampling schedule.

The audits will be performed by HLA's QA Officer or a designated representative. The field audit will focus on whether the drilling or sampling procedures outlined in this Plan have been followed. The audit will include observation of the drilling and well installation operations and an inspection of selected drilling and well installation documentation. The sampling and analysis audit will include inspection of appropriate documentation and, as mentioned above, an assessment of data quality by reviewing the results of chemical analyses of the quality control samples.

Two types of quality control (QC) checks will be employed to evaluate the performance of the analytical procedures: field QC checks and laboratory QC checks. The QC checks represent the controlled samples introduced into the sample analysis stream that are used to calculate the accuracy and precision of the chemical analysis program.

1. Field QC Checks

Field QC checks are accomplished by submission of controlled samples that are introduced blind to the laboratory from the field. Two types of samples will be used: blanks and duplicates. Each sample will be noted in the field investigation daily report. QC samples will be assigned a sample number that does not indicate to the laboratory that the sample is a QC check. Due to the heterogeneous nature of soils, it will not be appropriate to obtain soil samples for field QC checks.

2. Laboratory QC Checks

Laboratory performance QC checks are provided as a standard part of every routine laboratory analysis. The main elements of laboratory performance QC are:

- The analysis of laboratory control samples, which include duplicate control samples, single control samples, and method blanks; and
- The generation of daily calibration data.

3. Corrective Actions

If any occasion arises that indicate that field, laboratory or measuring error has occurred, the following corrective actions may take place:

- The measurements will be repeated to check the error;
- The calibrations will be checked and/or repeated;
- All adjustments will be checked for corrections to ambient conditions (such as temperature);
- If necessary, the instrument of measuring device will be replaced or repaired; and
- Resampling and retesting may be performed.

The need for corrective actions and the actions to be taken will be determined on a case-by-case basis.

VII SCHEDULE

A schedule for project tasks is given in Table 6. The proposed schedule was based on the following assumptions and time constraints:

1. Field work may commence by approximately May 1, 1991.
2. Site access problems are minimal.
3. Field activities (drilling, sampling) should be completed by mid-June, 1991.
4. No significant additional areas or sources of contaminants are detected.

The Feasibility Study and Risk Assessment should in large part be completed by September 30, 1991. Several feasibility study tasks require input and decisions from state agencies. Among the decisions affecting the progress of the FS are:

- Cleanup requirements or goals have been determined; and
- Disposal and treatment areas have been identified.

Factors that affect the progress of the risk assessment are:

- Completeness and timing of the subsurface investigation;
- Site excavation plans; and
- Preferred remedial alternative(s) determined.

VIII PROJECT MANAGEMENT

The management of this investigation is organized along the structure shown on Plate 7. The responsibilities of key project personnel are given below.

Project management will take place at HLA's Pearl City office, although other HLA offices will provide supporting expertise in the areas of feasibility studies (Reno and Novato) and risk assessments (Novato).

Principal consultant for this investigation will be Mr. Ronald Soroos (RG), principal geologist with HLA. Mr. Soroos will provide overall project guidance and act as QC reviewer for all project documents. Mr. Soroos will assist in discussions with regulatory agencies.

Principal consultant on geochemical and contaminant chemistry issues will be John Catts, Ph.D., principal geochemist at HLA. Dr. Catts will provide review and interpretation of groundwater chemistry, and the occurrence and nature of lead and other heavy metals in site soils.

Mr. John Ward (RG), associate hydrogeologist, will be overall project manager. He will be responsible for the conduct of all field activities, report preparation, coordination of activities, and liaison between ATA, DOT, and regulatory agencies. Mr. Ward will be the key contact on all project communications.

Mr. Bruce Wedgeworth, project geologist, will be responsible for all tasks associated with the field investigation. He will coordinate and control site preparation, soil borings, well installation, and sampling. He will oversee subcontracted drilling and analytical services.

Throughout the investigation, project health and safety activities will be the responsibility of the Hawaii office Designated Health and Safety Officer, Mr. Masayoshi

Ogata, a Certified Industrial Hygienist. In addition to preparing the Health and Safety Plan for the field investigation, Mr. Ogata will review the selection of sampling methods and chemical analyses and the results of the analyses for potential effects.

Resumes of key personnel are provided in Appendix D.

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X TABLES

Table 1. Chemical Analysis Objectives and Regulatory Basis

	Oil and Diesel Pipeline	Former Coal Storage Areas	Fumigant Vaults	Underground Storage Tank Sites	Fill Material	Regulatory Basis
Total Petroleum Hydrocarbons as gasoline (TVPH)	--	--	--	X	X	DOH 40CFR280 FWPCA
Total Petroleum Hydrocarbons as diesel (TEPH)	X	--	--	--	X	DOH 40CFR280 FWPCA
Total Petroleum Hydrocarbons as oil (TRPH)	X	--	--	--	X	DOH 40CFR280 FWPCA
Volatile Organics	--	--	X	X	X	HRS,SDWA
Polynuclear Aromatic Hydrocarbons (PNAs)	X	X	--	--	X	40CFR261

DOH: Hawaii Department of Health Cleanup Goals for underground storage tank releases.
HRS: Hawaii Revised Statutes; Title 11 of Hawaii Admin. Rules, Chap. 54, Water Quality Standards.
FWPCA: In 40 CFR, part 112: Federal Water Pollution Control Act.
TSCA: In 40 CFR, part 268: Toxic Substances Control Act.
40CFR261: Toxicity Characteristics for Identification of Hazardous Wastes.
40CFR280: Regulations for Underground Storage Tanks.
SDWA: Safe Drinking Water Act.

Table 1. (Continued)

	Oil and Diesel Pipeline	Former Coal Storage Areas	Fumigant Vaults	Underground Storage Tank Sites	Fill Material	Regulatory Basis
Pesticides	--	--	--	--	X	TSCA,HRS
PCBs	--	--	--	--	X	HRS,TSCA
Cyanide	--	--	X	--	--	--
Ethylene Dibromide	--	--	X	X	--	TSCA
Methyl Bromide	--	--	X	X	--	TSCA
Metals	X	X	--	X	X	HRS 40CFR261 SDWA
Benzene, toluene, ethylbenzene and total xylenes (BTEX)	--	--	--	--	X	DOH,HRS

DOH: Hawaii Department of Health Cleanup Goals for underground storage tank releases.
HRS: Hawaii Revised Statutes; Title 11 of Hawaii Admin. Rules, Chap. 54, Water Quality Standards.
FWPCA: In 40 CFR, part 112: Federal Water Pollution Control Act.
TSCA: In 40 CFR, part 268: Toxic Substances Control Act.
40CFR261: Toxicity Characteristics for Identification of Hazardous Wastes.
40CFR280: Regulations for Underground Storage Tanks.
SDWA: Safe Drinking Water Act.

Table 2. Planned Borings, Samples and Monitoring Wells

Site	Approximate Number of Borings	Approximate Number of Soil Samples	Approximate Number of Wells Installed	Approximate Number of Groundwater Samples From New Wells	Approximate Number of Groundwater Samples From Existing Wells
A: Piers 5 and 6	9	29	2	2	3
B: Piers 8 through 11	27*	95*	6	6	7
C: Pier 12	3	10	0	0	1

*Includes five geotechnical borings in Irwin Memorial Park.

Table 3. Approximate Number of Groundwater Analyses

Parameter	Analytical Method	Piers 5 and 6	Piers 8 Through 11	Pier 12	Total
Major Ions	(varies)	5	13	1	19
Total Petroleum Hydrocarbons as gasoline	8015	5	13	1	19
Total Petroleum Hydrocarbons as diesel	8015	5	13	1	19
Total Petroleum Hydrocarbons as oil	418.1	5	13	1	19
Volatile Organics	8240	3	8	1	12
Polynuclear Aromatic Hydrocarbons	8100	2	8	1	11
Pesticides	8080	2	5	1	8
Priority Pollutant Metals	(varies)	5	13	1	19
Organic Lead	CA-DOHS	5	13	1	19
BTEX	8020	2	5	1	8
Cyanide	9010	5	13	1	19

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Table 4. Approximate Number of Soil Analyses by Site

Parameter	Extraction/ Analysis Method	Piers 5 and 6	Piers 8 Through 11	Pier 12	Total
Total Petroleum Hydrocarbons as gasoline	5030/8015	4	15	3	22
Total Petroleum Hydrocarbons as diesel	3550/8015	12	40	3	55
Total Petroleum Hydrocarbons as oil	3550/418.1	12	40	3	55
Volatile Organics	8240	4	15	2	21
Polynuclear Aromatic Hydrocarbons	3550/8100	12	30	2	44
Pesticides	3550/8080	4	40	2	46
PCBs	3550/8080	2	0	0	2
Cyanide	9010	9	15	2	26
Ethylene Dibromide	8240	0	15	2	17
Methyl Bromide	8240	0	15	2	17
Metals (ICP)	3050/(varies)	9	40	3	52
Organic Lead	CA-DOHS	4	15	3	22
BTEX	5030/8020	8	25	1	34
Hazardous Waste Characteristics	TCLP	5	8	2	15

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Table 5. Methods of Analyses, Sample Containers, Preservation Methods and Holding Times

Type of Analysis	Analytical* Method	Sample Matrix	Size of Container	Preservation	Maximum Time (days)
Volatile Organics	624 (8240)	Water	3-40ml VOA, Teflon liners	HCl to pH < 2 4°C	14
Total Petroleum Hydrocarbons, as gasoline	5030/8015	Water	3-40ml VOA, Teflon liners	HCl to pH < 2 4°C	14
	5030/8015	Soil	1 stainless steel tube	4°C	14
Total Petroleum, Hydrocarbons, as diesel	3550/8015	Water	1-liter glass	4°C	14 extrn/40 anal**
	3550/8015	Soil	1 stainless steel tube	4°C	14 extrn/40 anal
Total Petroleum, Hydrocarbons, as oil	418.1	Water	1-liter glass jar	H ₂ SO ₄ to pH < 2 4°C	28
	3550/418.1	Soil	1 stainless steel tube	4°C	28

*Sample Preparation Method/Analysis Method.

**extrn = extraction, anal = analysis.

Table 5. (Continued)

Type of Analysis	Analytical* Method	Sample Matrix	Size of Container	Preservation	Maximum Time (days)
Polynuclear Aromatic Hydrocarbons	3550/8100	Water	1-liter glass	4°C	7 extn/40 anal
	3550/8100	Soil	1 stainless steel tube	4°C	14 extn/40 anal
Pesticides	3510/8080	Water	1-liter glass	4°C	7 extn/40 anal
	3550/8080	Soil	1 stainless steel tube	4°C	7 extn/40 anal
Cyanide	9010	Soil	1 stainless steel tube	4°C	14
Ethylene dibromide and Methyl bromide	5030/8240	Soil	1 stainless tube	4°C	14
Metals (ICP)	3005/6010	Water	1-liter poly bottle	HNO ₃ to pH < 2 4°C	180
	3050/6010	Soil	1 stainless steel tube with	4°C	180

*Sample Preparation Method/Analysis Method.

**extn = extraction, anal = analysis.

Table 5. (Continued)

Type of Analysis	Analytical* Method	Sample Matrix	Size of Container	Preservation	Maximum Time (days)
Benzene, Toluene Ethylbenzene and Total Xylenes	5030/8020	Water	3-40 ml VOA	HCl to pH <2 4°C	14
	5030/8020	Soil	1 stainless steel tube	4°C	14
Lead	3020/7421	Water	1-100 ml poly bottle	HNO ₃ to pH <2 4°C	180
	3050/7421	Soil	1 stainless steel tube	4°C	180
Arsenic	7060	Water	1-100 ml poly bottle	HNO ₃ to pH <2 4°C	180
	3050/7060	Soil	1 stainless steel tube	4°C	180
Mercury	7470	Water	1-100 ml poly bottle	HNO ₃ to pH <2 4°C	28
	3050/7740	Soil	1 stainless steel tube	4°C	28

*Sample Preparation Method/Analysis Method.

**extn = extraction, anal = analysis.

Table 5. (Continued)

Type of Analysis	Analytical* Method	Sample Matrix	Size of Container	Preservation	Maximum Time (days)
Selenium	7740	Water	1 100-ml poly bottle	HNO ₃ to pH < 2 4°C	180
	3050/7740	Soil	1 stainless steel tube		180
Hazard Waste (EP Tox)	40 CFR 261	Soil	1 stainless steel tube	4°C	180

* Sample Preparation Method/Analysis Method.

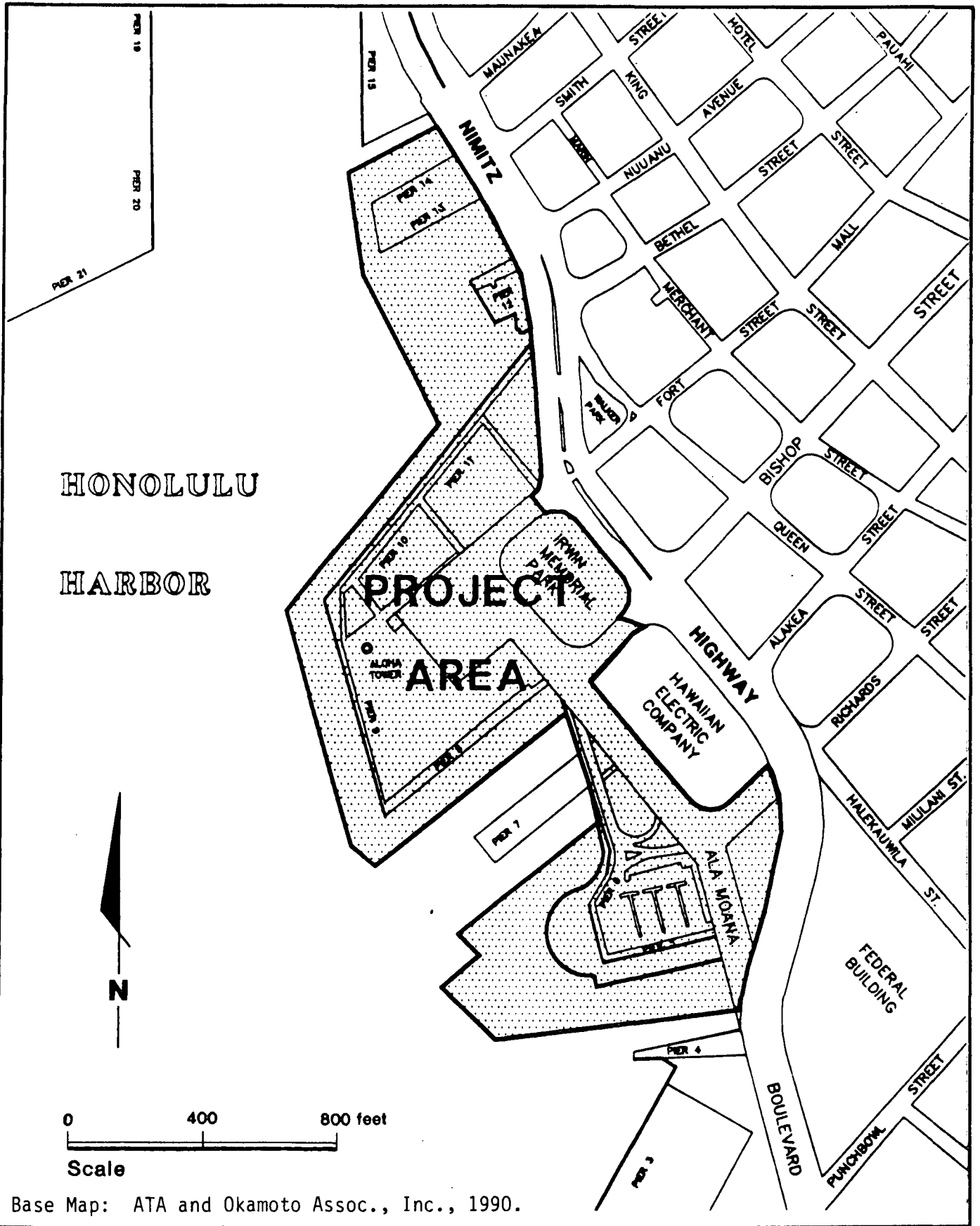
**extn = extraction, anal = analysis.

Table 6. Activities Schedule

Aloha Tower Site Charact.	April 1991				May 1991				June 1991				July 1991				August 1991				September 1991							
	8	15	22	29	6	13	20	27	3	10	17	24	8	15	22	29	5	12	19	26	2	9	16	23	30			
PLANNING DOCUMENTS																											
SUBSURFACE INVESTIGATION	.																											
Task 1: Groundwater Sampling																							
Task 2: Site Preparation																							
Task 3: Subsurface Investigation - Piers 5-6							
Task 4: Subsurface Investigation - Piers 8-11							
Task 5: Subsurface Investigation - Pier 12							
Task 6: Groundwater Monitoring							
Task 7: Evaluation of Leachability Charact.							
Task 8: Cuttings Disposal							
Task 9: Reporting							
FEASIBILITY STUDY	.																											
Task 1: Evaluate ARARs															
Task 2: Identify Remedial Alternatives															
Task 3: Treatability/Recycling Studies															
Task 4: Design Parameters															
Task 5: Reporting															
RISK ASSESSMENT	.																											
Task 1: Data Analysis/Statistical Eval															
Task 2: Identify Migration Pathways															
Task 3: Contam. Fate/Persistence															
Task 4: Assessment of Toxicological Props.															
Task 5: Identify Exposure Pathways															
Task 6: Assessment of Exposure															
Task 7: Risk Characterization															
Task 8: Reporting															

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XI ILLUSTRATIONS



Base Map: ATA and Okamoto Assoc., Inc., 1990.



Harding Lawson Associates
Engineering and
Environmental Services

Site Plan
Aloha Tower Protective Casings
Honolulu, Oahu, Hawaii

PLATE

1

DRAWN kar
JOB NUMBER 19951,005.06

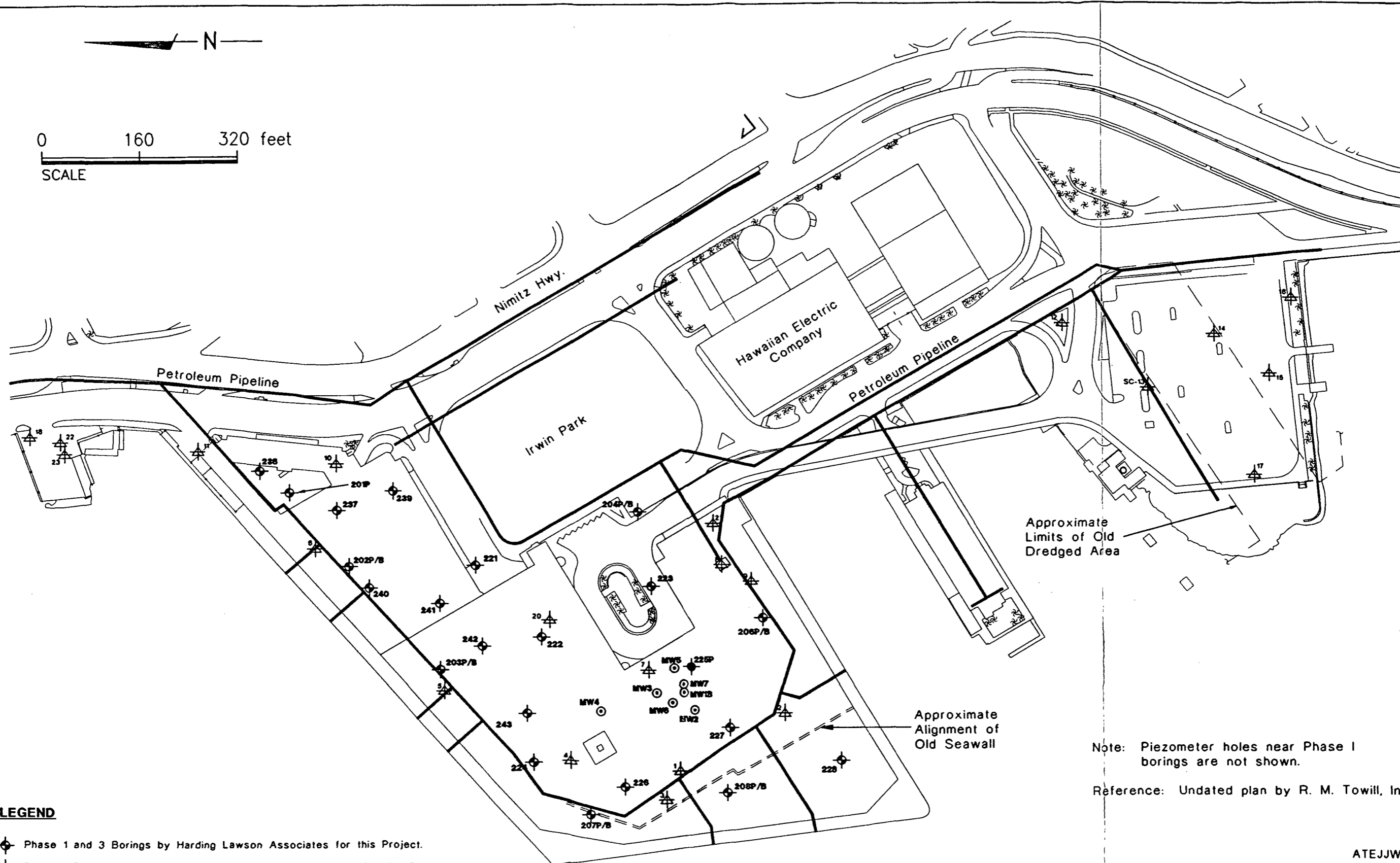
APPROVED *[Signature]*

DATE 4/91

REVISED DATE



0 160 320 feet
SCALE



LEGEND

- ◆ Phase 1 and 3 Borings by Harding Lawson Associates for this Project.
- ◆ Phase 1 Piezometer Borings by Harding Lawson Associates for this Project.
- ⊕ Borings from Subsurface Consultants, Inc. Report dated June 18, 1990.
- ⊙ Aquifer Test Monitoring Wells (HLA, 1991a)

Note: Piezometer holes near Phase I borings are not shown.

Reference: Undated plan by R. M. Towill, Inc.

ATEJJW-2.DWG



Harding Lawson Associates
Engineering and
Environmental Services

Previous Environmental Borings
Aloha Tower Development
Honolulu, Oahu, Hawaii

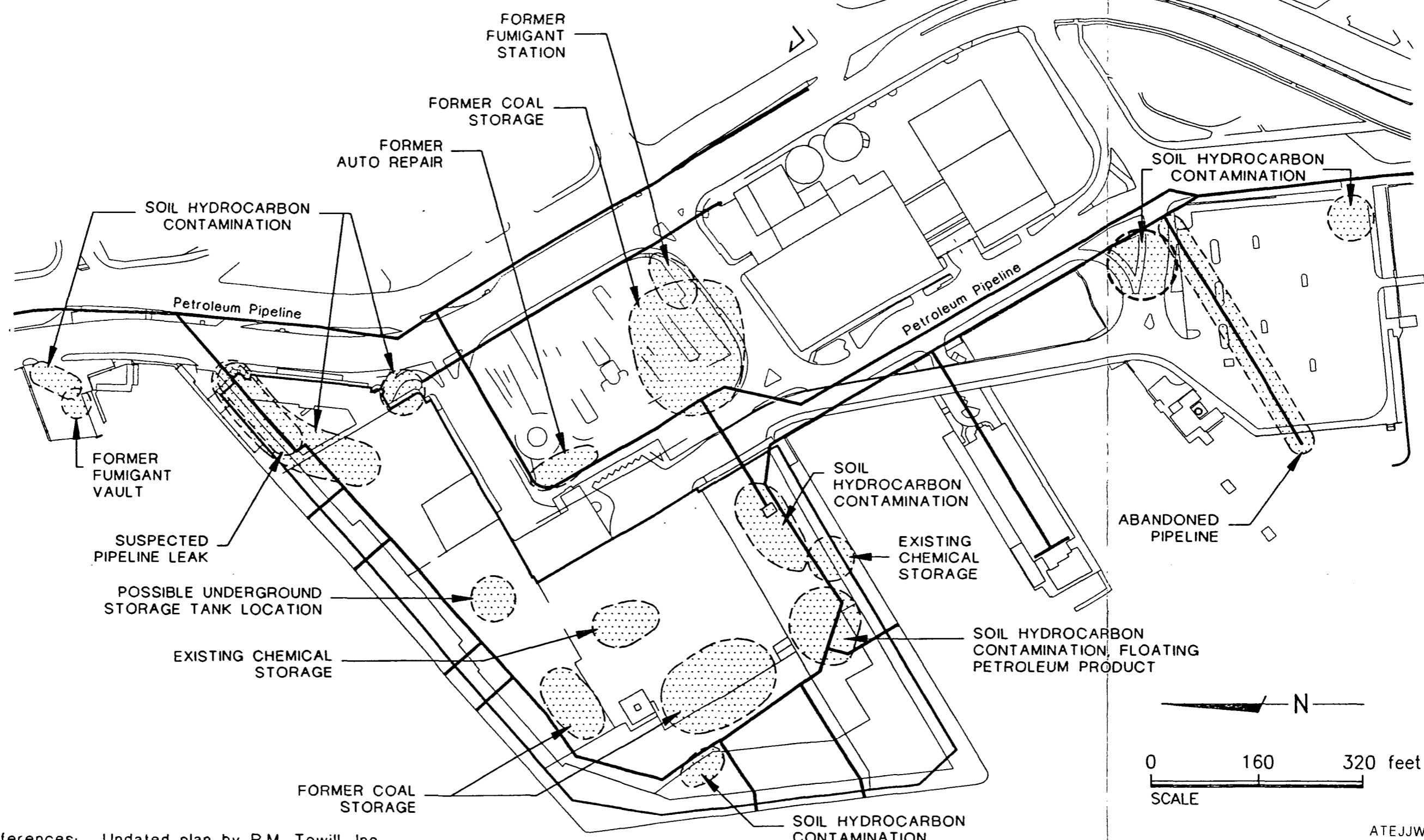
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2

DRAWN hsm/gwl
JOB NUMBER 19951,005.06



APPROVED
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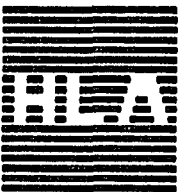
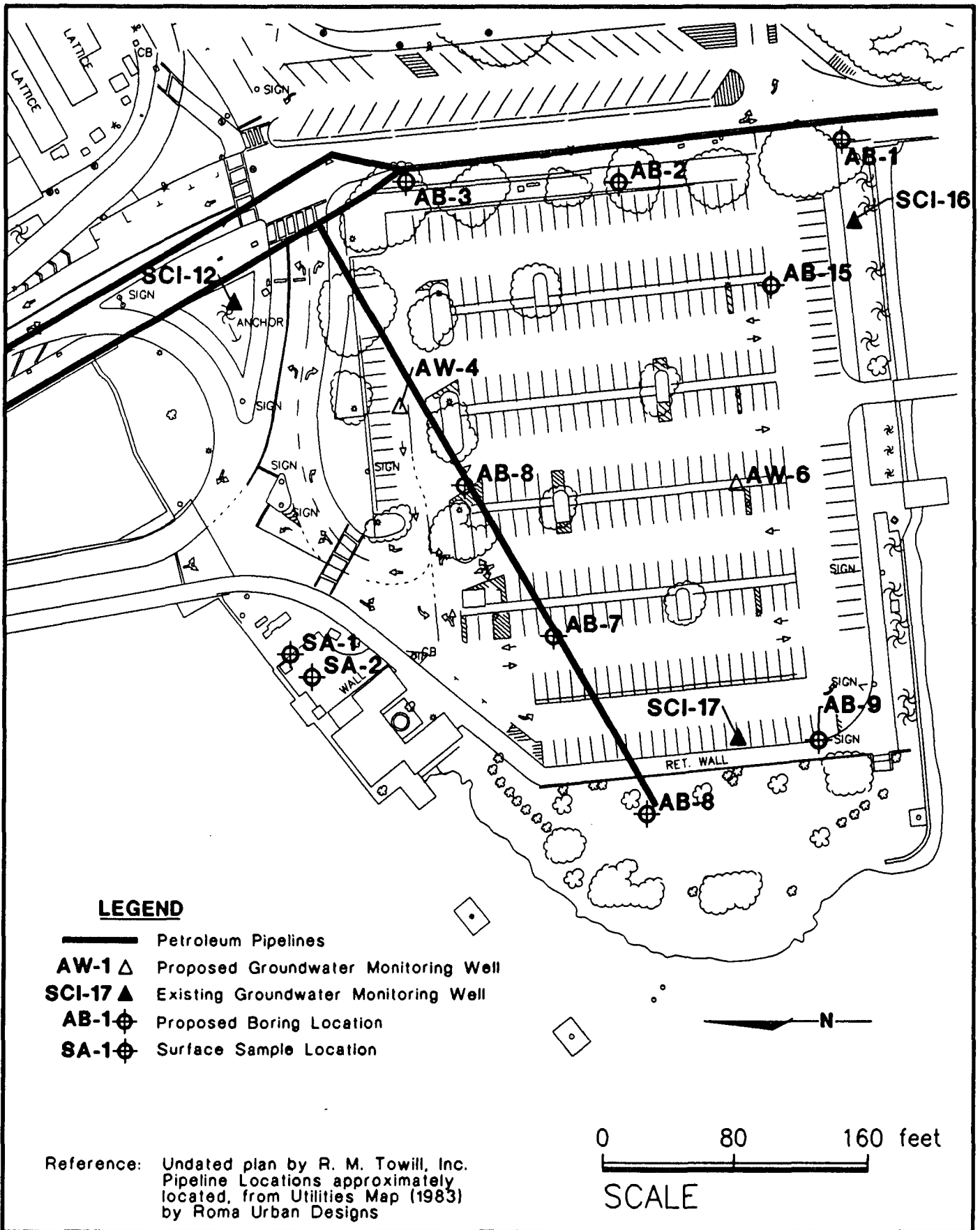
DATE 4/91
REVISED DATE



References: Undated plan by R.M. Towill, Inc.
 Pipeline Locations approximately located, from Utilities Map (1983) by Roma Urban Designs
 SCI, 1990a, b, 1991
 HLA 1991a, b

ATEJJW-1.dwg

	Harding Lawson Associates Engineering and Environmental Services	Areas of Potential Environmental Concern Aloha Tower Development Honolulu, Oahu, Hawaii	PLATE 3
	DRAWN hsm	JOB NUMBER 19951,005.06	APPROVED 



Harding Lawson Associates
 Engineering and
 Environmental Services

Proposed Sampling Locations - Piers 5-6 PLATE
 Aloha Tower Development
 Environmental Investigation
 Honolulu, Oahu, Hawaii

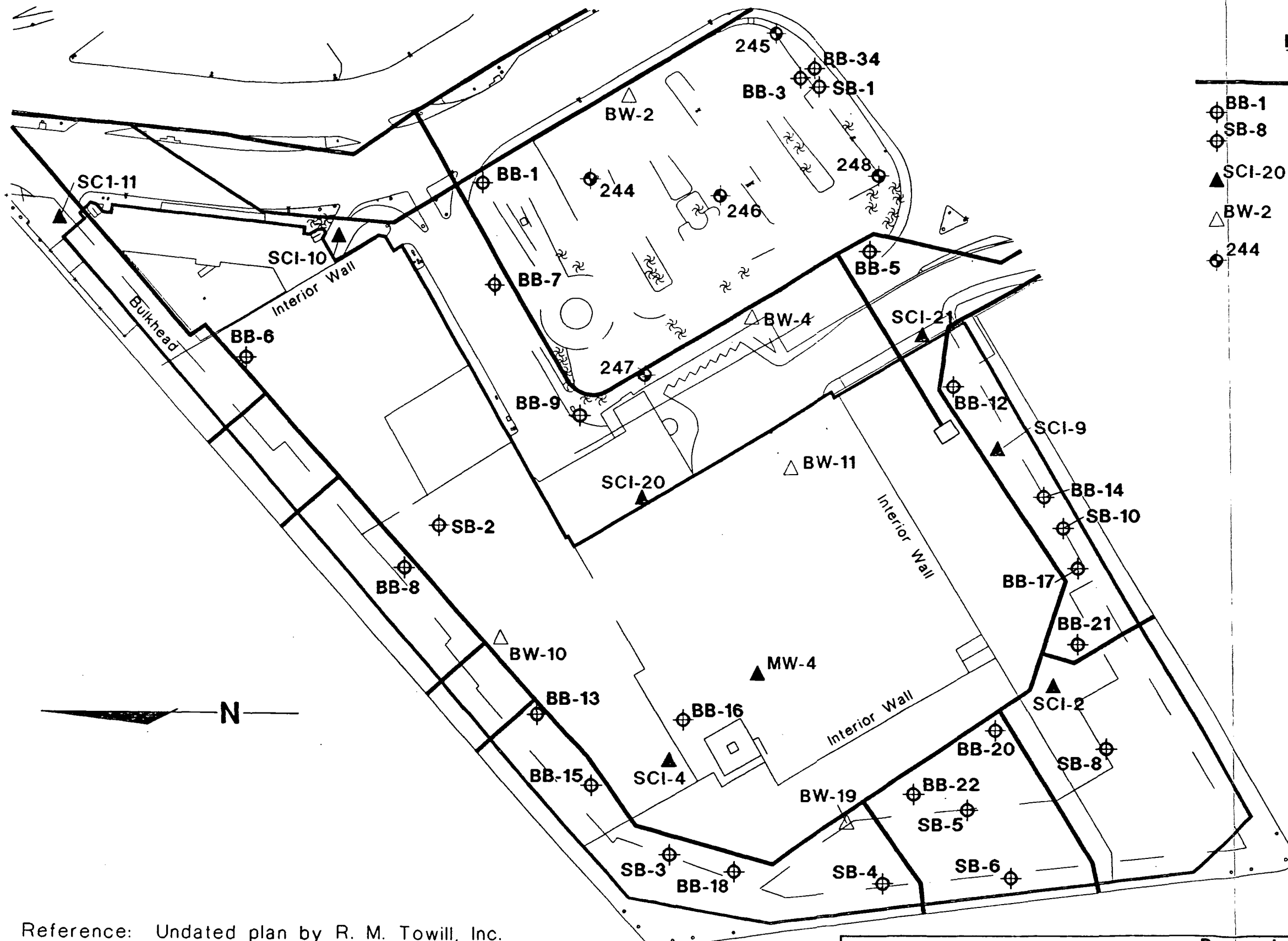
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APPROVED

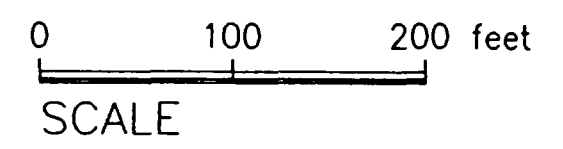
DATE
 4/91

REVISED



LEGEND

- Petroleum Pipelines
- BB-1 Boring Location
- SB-8 Surface Sample Location
- SCI-20 Existing Groundwater Monitoring Well
- BW-2 Proposed Groundwater Monitoring Well
- 244 Proposed Geotechnical Boring



Reference: Undated plan by R. M. Towill, Inc.
 Pipeline Locations approximately located, from Utilities Map (1983) by Roma Urban Designs



Harding Lawson Associates
 Engineering and Environmental Services

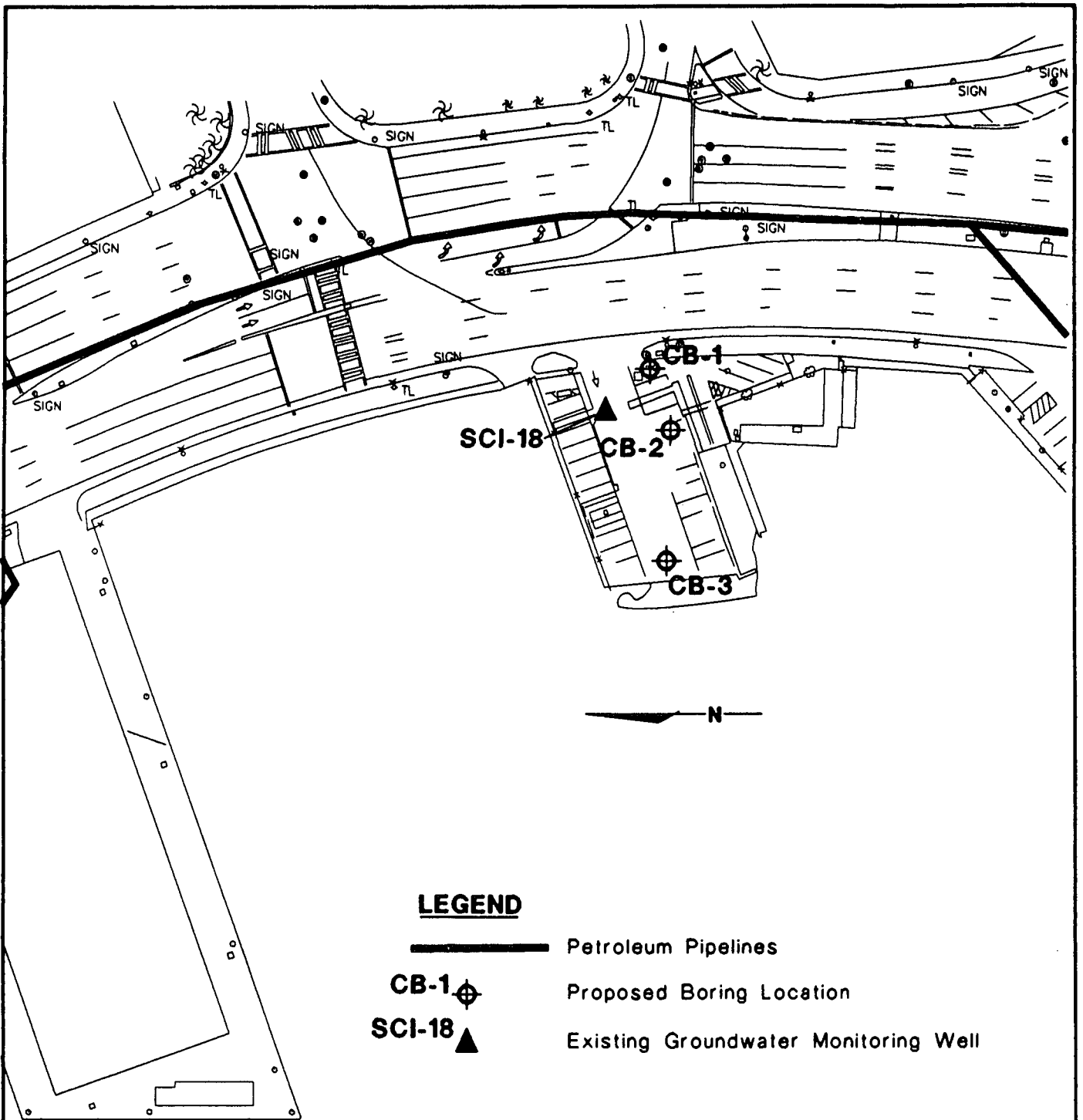
Proposed Sampling Locations - Piers 8-11
 Aloha Tower Environmental Investigation
 Honolulu, Oahu, Hawaii

PLATE
5




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 JOB NUMBER 19951,005.06

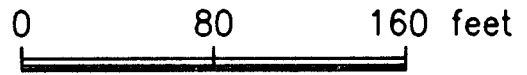
APPROVED

DATE 4/91
 REVISED DATE



LEGEND

-  Petroleum Pipelines
-  Proposed Boring Location
-  Existing Groundwater Monitoring Well



SCALE

Reference: Undated plan by R. M. Towill, Inc.
 Pipeline Locations approximately
 located, from Utilities Map (1983)
 by Roma Urban Designs



Harding Lawson Associates
 Engineering and
 Environmental Services

Proposed Sampling Locations - Pier 12
 Aloha Tower Development
 Environmental Investigation
 Honolulu, Oahu, Hawaii

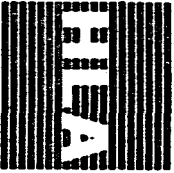
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DRAWN JOB NUMBER
 gwl 19951.005.06

APPROVED


DATE
 4/91

REVISED DATE



Harding Lawson Associates
Engineering and
Environmental Services

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JOB NUMBER
19951,005.06

Organization Chart
Aloha Tower Development
Honolulu, Oahu, Hawaii

APPROVED
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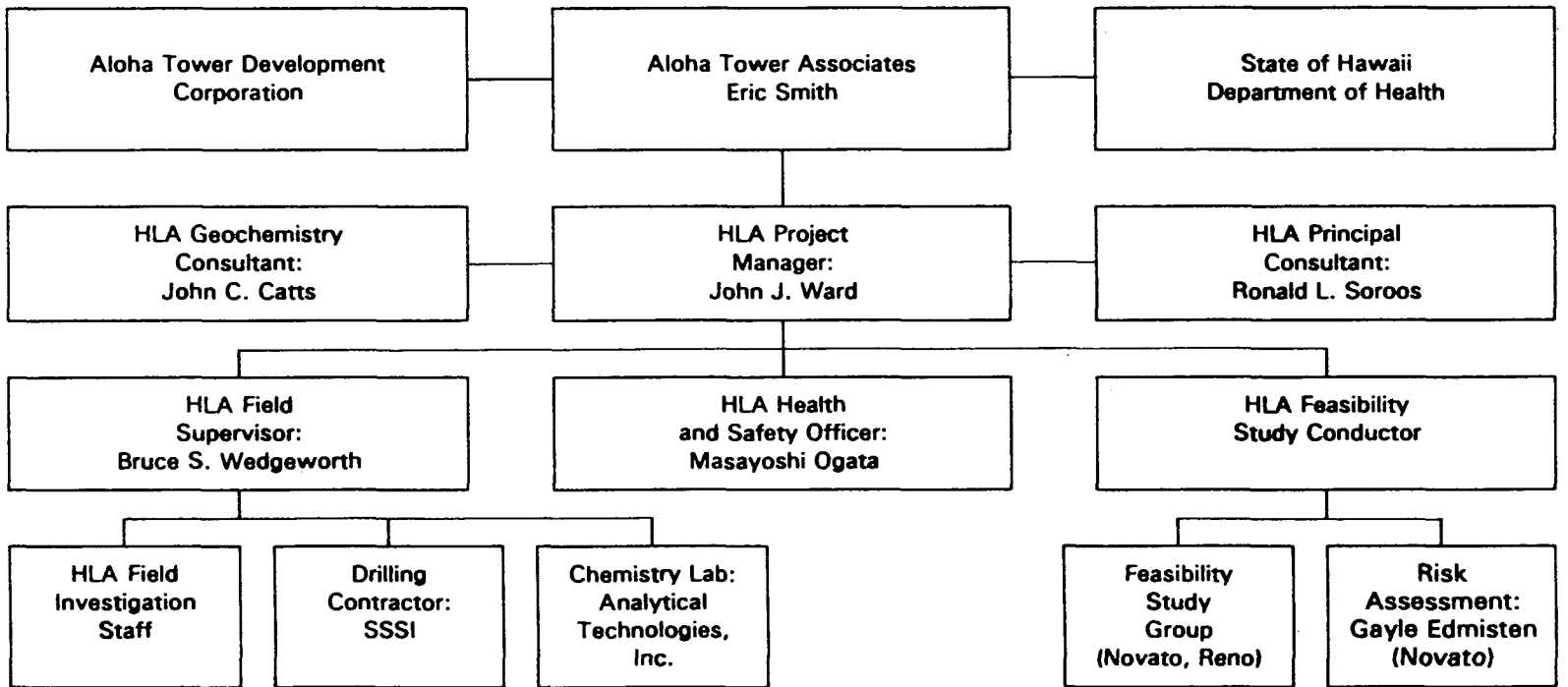
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PLATE
7

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ORGANIZATION CHART ALOHA TOWER DEVELOPMENT



APPENDIX A
FIELD MEASUREMENT PROCEDURES

FIELD MEASUREMENT PROCEDURES

The procedures for collecting field measurements described below are to be followed by all field personnel. These methods are presented in detail to ensure that field measurements are consistent and reproducible when performed by various individuals. Appendix B contains examples of sample forms to be used by field personnel for recording field measurements.

A. Organic Vapor Measurements

1. Ambient and Borehole Air Monitoring

During drilling, the ambient air in the vicinity of drilling activities, and the open borehole air will be monitored using a Century™ Organic Vapor Analyzer (OVA) Model 128 with a flame ionizing detector (FID), or a Bacharach™ TLV combustible gas meter. These measurements will be used for safety purposes (Appendix C) and also to indicate the existence of possible organic contaminants. The OVA is calibrated using a 100 part per million (ppm) methane standard. The TLV is likewise calibrated using a 500 ppm hexane standard. All measurements will be recorded on Field Investigation Daily Reports by the field geologist or engineer.

2. Static Headspace Analysis - Soil Samples

Organic vapor measurements from soil samples are obtained as follows: soil samples are dislodged from the sampler's drive shoe after each sample is collected. This soil is crumbled and stored in a glass jar, with about 1 inch of headspace, capped with aluminum foil, and placed in the sun. After ten minutes, vapor readings are measured in the headspace by puncturing the foil with the OVA or TLV probe. In most cases, the sun's warmth causes increased volatility of organic vapors in the soil

sample, allowing relatively high sensitivity. The maximum meter reading is noted and recorded on the boring logs.

B. Soil Sampling Procedures

Subsurface soil samples will be collected for lithologic description and chemical analysis. Samples will be collected during drilling of the borehole by driving a split-barrel sampler lined with stainless steel tubes into the undisturbed material below the drill bit. Samples will commonly be collected on 5-foot intervals, with additional samples collected near the water table. Soil sampling intervals are described in the Work Plan (Section II).

A complete log of conditions encountered during drilling will be maintained by the geologist or engineer observing the operation. *Field Log of Boring* forms will be used to record observations. Example borehole log forms are provided in Appendix B. The soil samples will be described according to the Unified Soil Classification System, and the following characteristics will be noted on the boring log:

- Borehole designation;
- Borehole location;
- Sample depth;
- Color of soil sample (Munsell soil color index);
- Unified Soil Classification System designation of soil type;
- Stiffness or density;
- Moisture content (qualitative);
- Drive-sample blow count;
- Descriptive comments;

- Depth at which groundwater is first encountered;
- Variations in drilling rates and rig behavior; and
- Initials of logger (geologist or engineer).

C. Monitoring Well Inspection

Existing monitoring wells previously installed by others will be inspected to determine their usefulness in groundwater and free-product monitoring and sampling. The surface condition of these wells will be inspected, and the well depth will be measured using a weighted fiberglass tape. The depth of the screen interval will be verified using a one-inch PVC pipe with a small nail or spring steel at one end. The end with the nail or spring will be lowered into the well, moving down along the inner wall of the casing. The depth of screen will be determined by the change in texture of the casing wall.

D. Water Level and Free-Product Measurements

Fluid levels will be measured using an electric sounder, steel tape, or an oil/water interface probe. Measurements will be referenced to the top of the well casing and will be recorded on water-level data sheets. The following protocol will be followed while collecting fluid-level measurements.

1. Electric Sounder

The electric water-level sounder utilizes a battery-powered sensor that activates a buzzer when the sensor comes in contact with water, and a tape for lowering the sensor into the well. The tape is graduated at intervals of 0.05 foot, and measurements are recorded to the nearest 0.01 foot.

Two calibration checks are necessary. First, the markings are checked for proper spacing by physically comparing the spacings with a graduated steel tape. The second calibration check is made in the field by checking depth to water by both electric sounder and a steel tape. All calibration checks will be logged in the instrument calibration log. The calibration check will be made after any incident that may alter calibration, such as cable stretching, entanglement, or sensor tip replacement.

2. Steel Tape

The steel tape is used to measure water levels by applying chalk to the first 1 or 2 feet of tape if the approximate depth to water is known, or the first 5 feet if the approximate depth is not known. The tape is then slowly lowered in the well to avoid contact with wet casing and held at the surveyed and marked measuring point on the well casing. When the tape is removed from the well, the water level is determined by the water line on the chalked section of tape. Separate measurements must be taken until successive measurements differ by less than 0.02 foot.

A graduated steel tape may also be used when required for quality control check of other measuring instruments.

If oil and petroleum hydrocarbon products or films exist atop the water table, a separate measurement with water-finding paste, a clear acrylic or PVC bailer, or a oil-water interface probe will be made to determine both depth to oil and depth to water.

3. Oil-Water Interface Probe

If free product is encountered in a monitoring well, the level and thickness of the product will be measured using an oil-water interface probe, in addition to, or in place of, an acrylic bailer or steel tape. The battery-operated probe is

graduated at 0.05-foot intervals and works similarly to the electrical water-level sounder. At the end of a fiberglass tape is a housing with two probes, one for free product and one for water. As each is encountered, an electric circuit is completed and an audible signal emitted. At the same time the audible signal is emitted, a colored bulb on the instrument becomes lit. The signals and lights for water and free product are different to allow the operator to recognize which is being detected.

E. Field Chemical Parameters

1. Hanby Petroleum Field Test for Soil

The Hanby Field Test is a colorimetric procedure for the analysis of petroleum hydrocarbons in soil and water. For analysis of soils, a sample will be collected from the split-barrel sampler. The procedure is as follows:

- a. A 100-gram sample of soil will be placed in a clean jar; handling of the sample will be minimized to prevent loss of volatile components.
- b. Add one packet of clarifying reagent and 500 ml of water; seal jar with cover and shake periodically for 20 to 30 minutes.
- c. Pour mixture into Imhoff cone; let clarify 15 to 20 minutes.
- d. Decant top layer of clear water into funnel; add 5 ml extraction reagent and let liquids separate for 2 minutes.
- e. Drain extractant (lower) layer into test tube; add contents of catalyst vial and shake tube for 30 seconds.
- f. Compare color in test tube to color chart provided with kit to determine concentration of aromatic hydrocarbons.

2. Conductivity and Fluid Temperature

Specific conductance and water temperature will be measured when water samples are collected and during purging prior to sampling. A conventional

conductivity meter (YSI Model 33) will be used for field specific conductance measurements. Temperature will be measured using an ASTM mercury thermometer. If agreement within 0.5 degrees C is maintained between the thermometer on the conductivity probe and the mercury thermometer, either may be used.

Field conductivity measurements will be converted to conductivity at 25 degrees C by:

$$SC(25) = \frac{SC(\text{meas})}{((T-25) * 0.02) + 1}$$

where:

SC(25) = Conductivity at 25°C
SC(meas) = Measured Conductivity
T = Temperature in °C

Instruments will be calibrated and inspected prior to each day's use. The values for conductivity standards used in calibration will be recorded on the calibration logs and, in the field, on the daily field logs.

3. Fluid pH

The pH of the water samples will be measured during purging and sampling. An Orion Research digital pH meter will be used for these measurements. The pH is measured using a combination electrode.

Sample water is placed in a non-conductive (plastic or glass) container immediately after bailing or pumping from the well. The electrode is placed in the water and is gently stirred. When the pH reading stabilizes, the measurement is recorded to the nearest 0.05 pH units.

If the pH reading will not stabilize within two to three minutes after sample collection, the measurement will be repeated with fresh sample. Non-stable pH readings will be recorded as such, together with the initial readings and trend.

The pH meter and probe will be regularly calibrated using two buffer solutions according to the methods described in Section VI.

4. Alkalinity

Alkalinity will be measured in the field on water collected from wells immediately prior to sample collection. After field-measured parameters have stabilized, alkalinity will be measured.

The measurement will be made using a Hach Digital Titrator and Hach-supplied sulfuric acid titrant. All containers will be thoroughly cleaned and rinsed in DI water prior to each use.

The titration will proceed according to standard methods. One hundred milliliters (ml) of the fluid will be measured into a 250-ml flask using a 100-ml (TD) graduated cylinder. The titrant used will be either 1.6 Normal or 0.16 Normal sulfuric acid. The strength of titrant used will depend on the expected alkalinity. The volume of titrant added will be regularly recorded along with the stable pH. Because titrations are influenced by high concentrations of silica, phosphate and organic acid anions (primarily acetate and proprionate), the pH end point will be lowered beyond the usual 4.5 pH units, so that the total alkalinity inflection point can be determined from the titration curve. A recommended end point pH value of 3.0 will be used. The alkalinity titration curve will be used to determine the alkalinity value.

5. Dissolved Oxygen

Dissolved oxygen in groundwater will be measured to assist in evaluating the oxidation state of the fluid. The measurements will be performed at the well head along with the alkalinity titrations. Either a dissolved oxygen meter or a titrimetric procedure will be used to measure the dissolved oxygen.

a. Dissolved Oxygen (D.O.) Meter

The instrument used for measuring D.O. will be the YSI Model 57 Dissolved Oxygen Meter. Prior to each day's use, the meter will be calibrated.

D.O. will be measured directly from the pump discharge if a bladder pump is used, or from bailed water. The water will immediately be placed into a 250-500-ml beaker; turbulence will be minimized during collection and transfer. The D.O. reading will be made within 30 seconds of transfer into the beaker. D.O. is measured by stirring the probe in the filled beaker, allowing no turbulence or entry of air bubbles.

Corrections for salinity and temperature will be made based on probe temperature, and on salinity measured from the conductivity meter. The reading will be recorded to the nearest 0.1 ppm.

b. Titrimetric Procedure

The colorimetric titrimetric procedure will use Hach-supplied chemicals and titrants, with the oxygen determination based on a colorimetric end point. Specific instructions are given in the Hach manual. The procedure is as follows:

- 1) A water sample will be carefully collected in a clean 300-ml BOD bottle, allowing water to flow into the bottle for several minutes to remove any air bubbles.

- 2) Add divalent manganese (manganous sulfate, 1 Hach pillow) and alkali-iodide-azide reagent pillow to reduce D.O. and liberate a mole equivalent of iodine.
- 3) Acidify contents using sulfuric acid (1 Hach pillow).
- 4) Pour 200 ml of the solution into a 250-ml flask.
- 5) Titrate using sodium thiosulfate to a pale yellow color.
- 6) Add starch indicator (2 drops); solution will turn blue.
- 7) Continue the titration to a colorless end point.
- 8) Dissolved oxygen is calculated using the amount titrated and the strength of the sodium thiosulfate.

6. Turbidity Measurements

The intent of well development is to remove suspended matter from the groundwater prior to sampling. Water turbidity will be monitored during well development and purging, and samples will be collected when water turbidity is minimized.

Turbidity will be measured using a Hach Portable Turbidimeter Model 16800. A Formazine stock suspension rated at 4000 Nephelometric Turbidity Units (NTU) is provided by the manufacturer to be used for preparing standard solutions. The machine calibration will be checked daily. Zero-adjustment will be made using turbidity-free water.

The measurement is made using discharge water that is free of debris and settling coarse sediments. The measurement vial will be clean and free of scratches or markings. The vial will not be used if it is dirty or damaged. Air bubbles will not be entrained on the side of the vial during measurement.

The measurement is made by inserting the sample-filled vial in the meter and directly reading the resultant turbidity. Turbidity will be recorded to the nearest 1 percent of the meter scale.

7. Hanby Field Test for Water Hydrocarbons

The Hanby Field Test, as described in the Soil Sampling Procedures section, is a colorimetric procedure for determining concentration of aromatic petroleum hydrocarbons. The procedure for the analysis of water samples is simpler than that for soil samples because no extraction needs to be performed. Instructions for the analysis of water samples is described in detail in the Hach manual. The procedure is as follows:

- a. A water sample is collected from the boring by bailing or pumping.
- b. Pour a 500-ml sample into the separatory funnel and add 5 ml extractant reagent.
- c. Agitate funnel for two minutes; let liquids separate for two to three minutes.
- d. Drain extractant (lower) layer into test tubes; add contents of catalyst vial to test tube and agitate for 30 seconds.
- e. Compare liquid to color chart provided with kit to determine aromatic hydrocarbon concentration.

APPENDIX B
FIELD DATA FORMS

0186R

FIELD LOG OF BORING

SHEET _____ OF _____

LOCATION OF BORING:

PROJECT:

BORING NO.

TOTAL DEPTH:

JOB NO.:

LOGGED BY:

PROJ. MGR.:

EDITED BY:

DRILLING CONTRACTOR:

DRILL RIG TYPE:

DRILLERS NAME:

SAMPLING METHODS:

HAMMER WT.:

DROP:

STARTED, TIME:

DATE:

COMPLETED, TIME:

DATE:

BORING DEPTH (ft.)

CASING DEPTH (ft.)

WATER DEPTH (ft.)

TIME:

DATE:

BACKFILLED, TIME:

DATE:

BY:

SURFACE ELEV.:

DATUM:

CONDITIONS:

SAMPLE DEPTH

SAMPLER TYPE

BLOWS / 6-IN.

INCHES DRIVEN

INCHES RECOVERED

SAMPLE CONDITION

DRILLING RATE (min/ft)

DEPTH IN FEET

GRAPHIC LOG

1
2
3
4
5
6
7
8
9
10

B-2

Harding Lawson Associates



Job Name _____

Job Number _____

Collector _____ Date _____
(Signature)

Time _____ Place _____

Sample No. _____

Well/Boring No. _____

Depth _____

WELL CONSTRUCTION SUMMARY

Well: _____

Project: _____ Job No.: _____

Location: N _____ E _____ Elevation: Ground Level _____

Personnel: _____ Top of Well Casing _____

DRILLING SUMMARY:

Total Depth _____

Borehole Diameter _____

Driller _____

Rig _____

Bit(s) _____

Drill Fluid _____

Surface Casing _____

WELL DESIGN:

Basis:

Geologic Log Geophysical Log

Casing String(s): C=Casing; S=Screen
 interval casing | interval casing
 ___ to ___ | ___ to ___
 ___ to ___ | ___ to ___
 ___ to ___ | ___ to ___
 ___ to ___ | ___ to ___

C1 _____

C2 _____

C3 _____

C4 _____

S1 _____

S2 _____

S3 _____

S4 _____

Centralizers: Type _____

Interval _____

Filter Material: Type _____

Quantity _____

Interval _____

Bentonite: Type _____

Quantity _____

Interval _____

Cement/Grout: Type _____

Quantity _____

















Interval _____

Other: _____

CONSTRUCTION TIME LOG:

Task	Start		Finish	
	Date	Time	Date	Time
Drilling:	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Geophys. Logging:	_____	_____	_____	_____
Casing:	_____	_____	_____	_____
1 _____	_____	_____	_____	_____
2 _____	_____	_____	_____	_____
3 _____	_____	_____	_____	_____
4 _____	_____	_____	_____	_____
Filter Placement:	_____	_____	_____	_____
Bentonite:	_____	_____	_____	_____
Cementing:	_____	_____	_____	_____
Locking Vault:	_____	_____	_____	_____
Development:	_____	_____	_____	_____
Other: _____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments: _____

Well Completion Material		Key	
	Concrete		Gravel
	Bentonite		Sand
	Gravel Pack		Silt
	Sand Pack		Clay
	Drill Cuttings		
			
			
			

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
 Department of Land and Natural Resources
 Division of Water Resource Management

APPLICATION FOR

- WELL CONSTRUCTION PERMIT
 PUMP INSTALLATION PERMIT

INSTRUCTIONS: Please print or type and send completed application with attachments to the Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96809. Application must be accompanied by a non-refundable filing fee of \$25.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 546-7343, Hydrology/Geology Section for assistance.

1. WELL LOCATION

Island _____ Tax Map Key _____
 Address _____

(Attach a USGS map (scale 1"=2000') and property tax map showing well location referenced to established property boundaries.)

2. WELL OWNER

LANDOWNER

Firm Name _____	Firm Name _____
Contact Person _____	Contact Person _____
Address _____	Address _____
Phone _____	Phone _____

3. PROPOSED CONTRACTOR FOR: Well Drilling Pump Installation

Name _____ Phone _____
 Address _____ Contractor's License No. _____

4. PROPOSED WORK

- | | | |
|---|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> Drill New Well | <input type="checkbox"/> Deepen | <input type="checkbox"/> Redrill |
| <input type="checkbox"/> Alter | <input type="checkbox"/> Seal | <input type="checkbox"/> Abandon |
| <input type="checkbox"/> Install New Pump | <input type="checkbox"/> Replace Pump | <input type="checkbox"/> Modify Pump |

(Briefly describe the proposed work and fill in the diagram on the back of this form.)

5. PROPOSED USE

- | | |
|---|--|
| <input type="checkbox"/> Municipal (including hotels, stores, etc.) | <input type="checkbox"/> Military |
| <input type="checkbox"/> Domestic (individual, noncommercial water systems) | <input type="checkbox"/> Industrial |
| <input type="checkbox"/> Irrigation (specify) _____ | <input type="checkbox"/> Other (specify) _____ |

6. PROPOSED AMOUNT OF WITHDRAWAL _____ gallons per day

7. PROPOSED PUMP INFORMATION

Pump Type: Vertical Turbine Submersible Centrifugal
 Motor: Diesel Gas Electric: _____ Rated Horsepower _____
 Rated Pump Capacity _____ gallons per minute (gpm)

.....
 Well Owner (print) _____ Landowner (print) _____
 Signature _____ Signature _____
 Date _____ Date _____

For Official Use Only:

Field Checked By _____ Latitude _____ Hydrologic Unit _____
 Date _____ Longitude _____ State Well No. _____

APPENDIX C
SITE HEALTH AND SAFETY PLAN

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I INTRODUCTION

Harding Lawson Associates (HLA) will conduct an environmental investigation of subsurface conditions at the Aloha Tower project. During a previous investigation, contaminants were found in soil borings in the area between Piers 5 and 14. Health and safety requirements are necessary when such contaminants are encountered to prevent worker exposure to contaminants and to prevent further contamination of the environment. All personnel at the drill sites, whether or not they are HLA employees, shall adhere to these practices, in addition to the normal health and safety practices of their trades. HLA shall provide the necessary personal protective equipment (PPE) for HLA employees. Other employers shall provide the necessary PPE for their employees.

HLA will assign a Site Safety Officer (SSO) for field operations. The SSO shall have had a 48-hour training course in hazardous materials. All Harding Lawson employees working on site shall have had a 40-hour training course in health and safety, with a yearly 8-hour refresher course. Management employees shall, in addition, have a yearly 8-hour management training course in health and safety.

The possible hazards on this job are expected to be mechanical, electrical, acoustical, and chemical. Chemicals may include polynuclear aromatic hydrocarbons (PNAs), petroleum hydrocarbons, methane, and metals.

Personal protective items and equipment that will be required for this project include: latex overshoes, silvershield aprons, nitrile gloves, and respirators with organic vapor and H₂S cartridges.

Copies of this Health and Safety Plan will remain in the field work area during field activities.

II CHEMICAL CONTAMINANTS

A. Identified Chemical Contaminants

Hazardous property information for selected chemicals appears in the appendix.

The following contaminants were found in some areas of the site:

<u>Chemical</u>	<u>Environmental Media</u>	<u>Lowest Measured Concentration</u>	<u>Highest Measured Concentration</u>
PNAs	soil, water	ND*	to 1,500 ppb**
Hydrocarbons	soil, water	ND	to 13,500 ppm***
Diesel	soil	ND	to 3,400 ppm
Lead	soil	ND	to 14,000 ppm

- *None detected.
- **Parts per billion.
- ***Parts per million.

B. Suspected Chemical Contaminants

The following contaminants are suspected in the subsurface at the site:

<u>Chemical</u>	<u>Environmental Media</u>
Methane	soil
Hydrogen Sulfide	soil

III SITE CONTROL/WORK ZONES

The area within at least one car-length around the drilling rig shall be cordoned off. Non-project personnel shall be discouraged from remaining in the area closer than three car-lengths from the drilling rig.

Yellow warning tape shall be used to cordon off the drilling area. Traffic cones may be used for delineating the area within three car-lengths.

A staging area shall be designated. In emergencies, all personnel shall assemble at the staging area. Prior to drilling in a new area, a new staging area for emergencies shall be established.

IV SITE RESOURCES

Site Resource Locations

Toilet facilities:	Available in Piers 8 through 11 area.
Drinking water supply:	Available in Pier 9 area.
Telephone:	Available in Pier 10 area.

V HAZARD ANALYSES

<u>Activity Number</u>	<u>Job Task</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Chemical</u>	<u>Temperature</u>	<u>Acoustical</u>	<u>O2 Deficiency</u> <u>Radioactive</u>	<u>Confined Space</u>	<u>Biohazard</u>
1	Clean auger, drill bit, sample containers,	NE	NE	Chemicals present in soil, sludge, groundwater	NE	NE	NE	NE	NE
2	Drilling, monitoring well installation	Drill Rig	Power take-offs, generators	Chemicals present in soil, sludge, groundwater	NE	Rig noise	NE	NE	NE
3	Sample handling	NE	NE	Chemicals present in soil, sludge, groundwater	NE	NE	NE	NE	NE
4	Observe activities	NE	Generators	NE	NE	NE	NE	NE	NE
5	Ventilate area	NE	Generators, fans	NE	NE	NE	NE	NE	NE

C-6

NE = Not expected.

VI CHEMICAL HAZARDS MITIGATION

<u>Activity Number</u>	
1, 2, 3, 4, 5	Use personal protective equipment indicated in Section VIII.
1, 2, 3, 4, 5	Monitor the air in the breathing zones for contaminants, respiratory hazards and explosion hazards. Ventilate areas where airborne hazards are detected. See Section VIII of this plan.

VII AIR MONITORING

Air monitoring shall be conducted to measure contaminants to which employees may be exposed. Measurements shall be taken within the breathing zone of workers and where explosive concentrations of gases may be present. If action levels are reached for a one-minute reading, take appropriate action.

A. Gases and Vapors

Instrument	Calibration Gas Standard	Frequency/Duration of Air Monitoring	Action Level Above Background (Breathing Zone)	Action
OVA	Methane	When doing Tasks 2,4,5,6	5 ppm	Introduce engineering controls
			10 ppm	Don respirator (Level C)
			25 ppm	Leave area

B. Explosion Hazard

Instrument & Date of Calibration	Action Level Above Background (Ambient Air)	Frequency/Duration of Air Monitoring	Action
OVA or TLV Meter	Greater than 2,000 ppm	Continuous	Leave Area

C. Oxygen Deficiency

Not expected.

VIII PERSONAL PROTECTIVE AND RELATED SAFETY EQUIPMENT

Personal safety equipment must meet ANSI standards or equivalent.

LEVEL: _____ A _____ B _____ C X D

HAND:

NEOPRENE _____ NITRILE X PVC _____
VITON _____ UNDERGLOVE _____ OTHER _____

BODY:

APRON: 1,2,3

LUNG:

HALF-MASK RESPIRATOR, CARTRIDGE (ORGANIC VAPOR H₂S*) 1,2,3 (for emergencies only; e.g., when testing above action levels, when assisting in evacuating employees)

FOOT:

STEEL-TOED BOOTS, type = neoprene or similar 1,2,3,4
OR DISPOSABLE OVERBOOTS
type = latex over standard safety shoe 1,2,3,4

OTHER SAFETY EQUIPMENT:

VENTILATION BLOWER/FAN 5

Comments: When contaminants are suspected, ventilating fans will be turned on. Activities shall be conducted so that ventilation air flow will be perpendicular to a line drawn from a worker to the contaminant source. Ventilating air shall supplement existing natural ventilation.

*H₂S cartridge available for MSA respirators only.

IX EQUIPMENT DECONTAMINATION PROCEDURES

A. Equipment

Equipment used for sampling will be cleaned with an Alconox solution and water rinse. Heavily contaminated equipment can be wiped clean and then washed. Drippings, wash water, soils, sludges and used cleansing supplies shall be drummed.

B. Personnel

Contaminated disposable clothing shall be drummed with equipment rinseate. Non-disposables shall be decontaminated. Reusable steel-toed Neoprene boots shall be cleaned with an Alconox solution and water rinse.

C. Investigation-Derived Material Disposal

1. Possibly contaminated drill cuttings: Drill cuttings shall be placed in 55-gallon drums. Contents shall be tested prior to disposal.
2. Drummed drippings, wash water, soils, supplies and disposable clothing shall be tested.

XI CONTINGENCY/EMERGENCY INFORMATION

A. Emergency Telephone Numbers

Ambulance	911	
Police:	911	
Fire Department:	911	
Hospital:	Queen's Medical Center (Emergency)	
	(808) 574-4311	
Client Contact:	Mr. Eric K. Smith, (808) 532-1500	
Poison Control Center:	(800) 233-3360	
	in Honolulu	(808) 821-8324
CHEMTREC:	(800) 424-9300	
Project Manager:	Office: 455-6551	Home: 455-6124
DHSO:	Office: 455-6551	

B. Standard Procedures for Reporting Emergencies

When calling for assistance in an emergency situation, the following information should be provided:

1. Name of person making call;
2. Telephone number at location of person making call;
3. Name of person(s) exposed or injured;
4. Nature of emergency; and
5. Actions already taken.

Recipient of call should hang up first -- NOT the caller.

C. Emergency Routes

See Plate 1.

D. Contingency Plan

1. In an emergency, all personnel shall evacuate to the pre-determined staging area. No employee shall remain in the drilling area.
2. The SSO, designated health and safety officer, or the project manager shall account for all employees who were in the drilling area, using as a reference the employer, contractor, and visitor logs.
3. Injured personnel shall be evacuated at the same time as other personnel.
4. When necessary to warn personnel not in the immediate vicinity, a series of short blasts on the vehicle horn or air horn shall be used.
5. All supervisors shall assist in the safe and orderly evacuation of personnel.
6. If necessary to evacuate injured personnel and an ambulance is unavailable or unnecessary, company vehicles shall be used.
7. The nature of the emergency shall be evaluated by the project manager and the SSO or DHSO. Operations can resume, provided that risks to employees due to the emergency are eliminated or controlled.
8. The client contact shall be notified as soon as possible when operations cannot be resumed in a reasonable time.

XII HAZARDOUS PROPERTY INFORMATION EXPLANATIONS AND FOOTNOTES

Water solubility is expressed in different terms in different references. Many references use the term "insoluble" for materials that will not readily mix with water, such as gasoline. However, most of these materials are water soluble at the part per million or part per billion level. Gasoline, for example, is insoluble in the gross sense, and will be found as a discrete layer on top of the groundwater. But certain gasoline constituents, such as benzene, toluene, and xylene, will also be found in solution in the groundwater at the part per million or part per billion level.

1. Water solubility expressed as 0.2g means 0.2 grams per 100 grams water at 20°C.
2. Solubility of metals depends on the compound in which they are present.
3. Several chlorinated hydrocarbons exhibit no flash point in a conventional sense, but will burn in the presence of high energy ignition source or will form explosive mixtures at temperatures above 200°F.
4. Practically non-flammable under standard conditions.
5. Expressed as mm Hg under standard conditions.
6. Explosive concentrations of airborne dust can occur in confined areas.
7. Values for Threshold Limit Value-Time Weighted Average (TLV-TWA) are OSHA Permissible Exposure Limits except where noted in h and i.
8. TLV-TWA adopted by the American Conference of Governmental Industrial Hygienists, which is lower than the OSHA PEL.
9. TLV-TWA recommended by the National Institute for Occupational Safety and Health (NIOSH) A TLV or PEL has not been adopted by ACGIH or OSHA.

10. A - corrosive
B - flammable
C - toxic
D - volatile
E - reactive
F - radioactive
G - carcinogen
H - infectious

11. Dermal toxicity data are summarized in the following three categories:

Skin Penetration:

- A - negligible penetration (solid-polar)
- + B - slight penetration (solid-nonpolar)
- + + C - moderate penetration (liquid/solid-nonpolar)
- + + + D - high penetration (gas/liquid-nonpolar)

Systemic Potency

- E - slight hazard - LD₅₀ = 500-115,000 mg/kg
lethal dose for a 70 kg man = 1 pint-quart
- F - moderate hazard - LD₅₀ = 50-500 mg/kg
lethal dose for 70 kg man = 1 ounce-1 pint
- F - extreme hazard - LD₅₀ = 10-50 mg/kg
lethal dose for 70 kg/man = drops to 20 ml

Local Potency

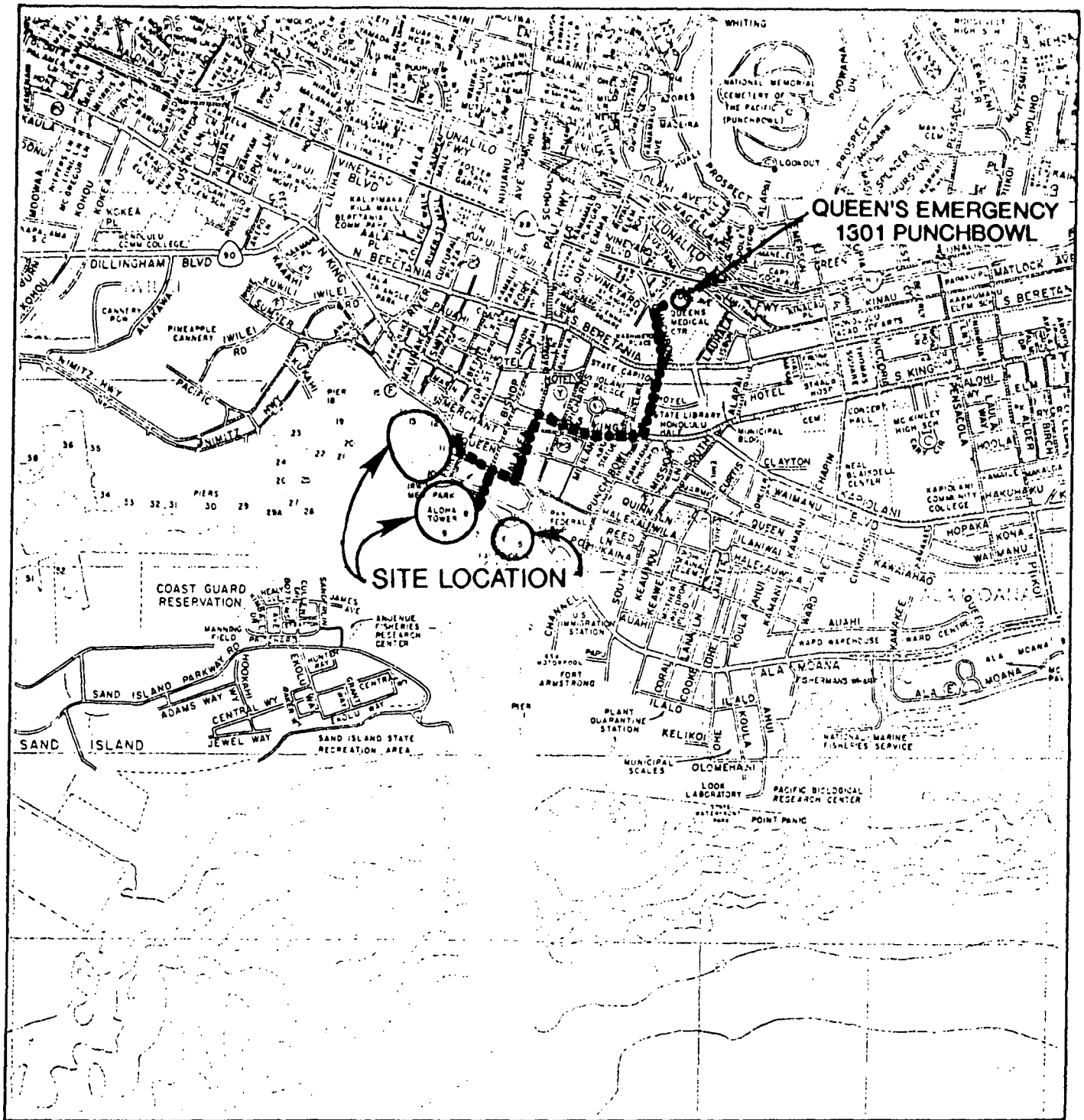
- H - slight - reddening of skin
- I - moderate - irritation/inflammation of skin
- J - extreme - tissue destruction/necrosis

12. Acute Exposure Symptoms

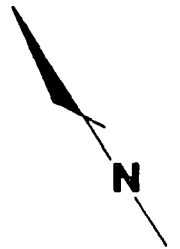
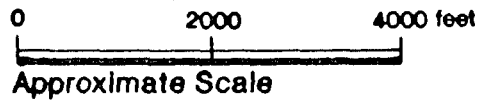
- A - abdominal pain
- B - central nervous system depression
- C - comatose
- D - convulsions
- E - confusion
- F - dizziness
- G - diarrhea
- H - drowsiness
- I - eye irritation
- J - fever
- K - headache

L - nausea
M - respiratory system irritation
N - skin irritation
O - tremors
P - unconsciousness
Q - vomiting
R - weakness

XIII ILLUSTRATION
PLATE C-1 - SITE MAP



SOURCE: Bryan's Sectional Maps,
Oahu, Hawaii, 1990.



Harding Lawson Associates
Engineering and
Environmental Services

Site Map: Location of and Route
To Queen's Hospital
Ala Moana Tower Safety Plan
Honolulu, Oahu, Hawaii

PLATE

C-1

DRAWN JOB NUMBER
kar 19951,003.06

APPROVED

DATE
8/90

REVISED DATE

APPENDIX D
RESUMES OF KEY PERSONNEL

JOHN G. CATTS, Ph.D.

**Vice President
Principal Geochemist**

Dr. Catts has more than 12 years of professional experience in the design, implementation, and management of multi-disciplinary environmental investigations. With educational and professional training that spans the disciplines of chemistry, geochemistry, hydrology, and geology, his primary area of specialization is in the interpretation of soil and water quality data, which frequently requires the prediction of contaminant fate and transport. He has relevant experience in the fate of a wide range of organic and inorganic contaminants. In addition to managing large multi-disciplinary environmental programs for both industrial and government clients, Dr. Catts functions in the capacity of technical advisor for a wide variety of scientific disciplines. Such environmental programs include Remedial Investigations, Feasibility Studies, Endangerment and Risk Assessments, RCRA permitting, mineral exploration and development, geothermal resource evaluations, and water resource evaluations.

The majority of Dr. Catts' professional experience with HLA has been in the management of multidisciplinary RI/FS programs performed under CERCLA/SARA guidelines. During the course of these activities, Dr. Catts has been required to design investigative and remedial programs in concert with various state and federal agencies as well as groups of potentially responsible parties (PRPs). Dr. Catts has participated in the negotiation of site specific action levels, administrative orders, and consent decrees. He has also provided expert testimony on issues related to soil and water quality and the fate and migration of contaminants.

EDUCATION

Ph.D., Geochemistry, Colorado School of Mines, Golden, 1982
B.A., Chemistry, University of Delaware, Newark, 1976

EMPLOYMENT HISTORY

1983 - present:	Harding Lawson Associates
1982 - 1983:	Ertec Western, Inc.
1980 - 1982:	Hydrochemical Systems Corporation, consultant
1979 - 1982:	Department of Geochemistry, Colorado School of Mines, research assistant
1979 - 1982:	Water Resources Division, U.S. Geological Survey, geochemist
1978 - 1979:	Department of Geochemistry, Colorado School of Mines, teaching assistant

EMPLOYMENT HISTORY (continued)

1976 - 1978: Gulf Oil Co., environmental chemist

REPRESENTATIVE PROJECTS

Tacoma Tar Pits (NPL) site, Tacoma, Washington - Project manager for development of work plan for RI/FS to define the nature and extent of groundwater contamination by coal tars, other hydrocarbons, heavy metals, and PCBs. Provided oversight to U.S. EPA in multiple PRP situation which included review of Risk Assessment and Feasibility Study. Assisted in selection of the preferred remedial alternative, negotiation of site action levels, and administrative order. Author of Proposed Plan for Remedial Action and Record of Decision. Client: CH2M Hill for U.S. EPA

Milltown Reservoir (NPL) site, Milltown, Montana - Co-manager of feasibility study for site contaminated with arsenic and heavy metals. Responsible for assessing metals content of reservoir sediments, fate and transport of toxic metals through groundwater and surface water, assessment of public health risk, and evaluation of remedial alternatives. Client: Montana Department of Health and Environmental Services

Rocky Mountain Arsenal (NPL), Colorado - Technical manager for task order Remedial Investigation contract to perform soil and groundwater investigations in support of litigation. Responsible for design of soil and groundwater investigations, preparation of technical plans, technical oversight of resultant work, data interpretation, and report preparation. Responsible for evaluation of mechanisms and rates of contaminant migration in soil and groundwater. Contributed to design of many of the 47 identified tasks performed by several groups of contractors. Technical review of majority of program deliverables. Client: ESE for USATHAMA

Rocky Mountain Arsenal (NPL), Colorado - Project manager for continued groundwater monitoring of 27 square mile site. Responsible for design of groundwater monitoring network from 2,000 available monitoring wells, selection of analytical methods, interpretation of data, and network modification. Monitoring of multiple contaminant sources and plumes as well as groundwater extraction/treatment systems. Client: R.L. Stollar for U.S. Army

Rocky Mountain Arsenal (NPL) Site, Colorado - Technical advisor for multi-disciplinary task order contract to provide support for interim remedial actions and feasibility study. Provides guidance for task planning, data assessment, and remedial alternative selection. Client: U.S. Army

Eielson Air Force Base, Fairbanks, Alaska - Technical advisor and QC reviewer for RI/FS program performed under Air Force Installation Restoration Program (IRP) in conformance with CERCLA/SARA. Responsible for design of RI program for over 30 potentially contaminated sites. Included specification of sample media, analytical methods, and interpretation of resultant data. Contamination of soil and groundwater by metals, petroleum hydrocarbons, and chlorinated solvents. Client: U.S. Air Force

California Low Level Radioactive Waste (LLRW) Disposal Site, Ward Valley, California - Responsible for design of geochemical sampling and analysis for siting and permitting of LLRW disposal site in conformance with guidelines and procedures stipulated by U.S. Department of Energy (DOE). Responsible for interpretation of soil and water quality data including data for radioactive isotopes. Prediction of probable rates and extent of radionuclide migration under various release scenarios. Client: Confidential

Geothermal resource evaluation, Desert Hot Springs, California - Responsible for design and implementation of groundwater quality survey to assess feasibility of geothermal resource development. Responsible for selection of analytical methods and interpretation of resultant data. Used inorganic water quality data, stable isotopes of oxygen and hydrogen, and multiple geothermometry techniques to evaluate potential for connection with deep geothermal reservoirs. Client: Confidential

Hickam and Wheeler Air Force Bases, Oahu, Hawaii - Technical advisor and geochemist responsible for design of soil and water sampling programs in conformance with CERCLA/SARA guidelines under Air Force IR Program. Responsible for interpretation of soil and water quality data, assessment of extent of contamination, and recommendations for additional sampling. Client: U.S. Air Force

Reserve pit evaluations, Kenai Peninsula, Alaska - Designed and managed investigations to quantify movement of inorganic and petroleum contaminants from reserve pits on Kenai Peninsula. Evaluation of partitioning for contaminants between groundwater, reserves, and gravels. Modeling of contaminant release to local groundwater. Client: Unocal

NPL Site, San Jose, California - Technical advisor for 500 acre RI/FS groundwater remediation program. Responsible for interpretation of water quality data, evaluation of water quality impacts during recharge of treated water, modifications to analytical program. Client: Confidential

Reserve pit evaluations, North Slope, Alaska - Responsible for design of environmental study to evaluate and quantify leaching of petroleum hydrocarbons and metals from drilling reserves and gravels used to construct drilling pads. Impacts to local groundwater and surface water were measured and data interpreted in permafrost environment. Discharges from reserve pits were quantified with flow/transport model. Client: Arco

Leachability and disposal of dredge material, Sacramento River Delta, California - Technical advisor responsible for design and implementation of field and laboratory program to determine quality of sediments to be dredged and potential for presence of organic and inorganic contaminants. Evaluation of oxidation and leaching potential for sediments when placed in fresh water environment. Estimation of rates and concentrations of contaminant discharge. Client: Port of Oakland

Groundwater contamination investigation, Estes Landfill, Arizona - Responsible for design of groundwater quality evaluation to assess extent to which landfill has affected local water quality. Used inorganic and organic data to quantify contributions of landfill leachate. Examined degradation of chlorinated solvents through time and distance from landfill. Client: City of Phoenix

Groundwater investigation, Pima County Landfills, Arizona - Technical advisor responsible for design of water quality evaluation and interpretation of water quality data. Use of organic, inorganic, and isotopic data to assess impacts of landfill leachate on local groundwater quality. Evaluated degradation of chlorinated hydrocarbons in groundwater with time and distance from landfill. Client: Pima County

Office of Nuclear Waste Isolation (ONWI) - Designed geochemical program including specification of sampling procedures for major and minor aqueous constituents, dissolved gases, and isotopes, and selected analytical methods. Used groundwater data to evaluate radionuclide migration from Gulf Coast salt domes and used microfractures, alteration products, and fluid inclusions to predict radionuclide migration from granitic plutons.

Has worked on several projects involving hydrogeologic aspects of landfill design. Has predicted quality of landfill leachate from wastes stabilized by several commercially available processes. Has examined interaction and compatibility of wastes and waste leachates with clay liner materials. Has evaluated attenuative capacity of naturally occurring minerals, including clays and metal oxyhydroxides. Has reviewed hydrogeologic and geochemical aspects of landfill design for U.S. EPA, including waste/liner compatibility, leachate collection systems, groundwater monitoring programs, and migration of inorganic and organic contaminants.

MEMBERSHIPS

Associate Editor - Applied Geochemistry
American Chemical Society
The Geochemical Society
Association of Exploration Geochemists
American Association of Petroleum Geologists
International Association of Geochemistry and Cosmochemistry
National Water Well Association (ASGWE)

REPRESENTATIVE PUBLICATIONS AND PRESENTATIONS

1990. Surface characterization of MnO_2 (In preparation).
1990. Adsorption of Cu, Pb, and Zn by a hydrous manganese oxide in a Colorado watershed (In preparation).
1986. Adsorption of Cu, Pb, and Zn by MnO_2 : Applicability of the site binding-surface complexation model. Applied Geochem. Vol 1, 2, p 255 (with D. Langmuir).
1983. Adsorption of Cu, Pb, and Zn onto birnessite. Abstracts with Programs, presented at 185th American Chemical Society, Washington, D.C. national meeting, Seattle, Washington (with D. Langmuir), 185th American Chemical Society, Washington, D.C.
1982. Adsorption of Cu, Pb, and Zn onto birnessite. Ph.D. thesis, Colorado School of Mines, Golden, Colorado.
1982. Modeling adsorption of aqueous U, Th, Ra, and Pb onto some oxides and silicates. Abstracts with Programs, presented at 183rd American Chemical Society, Washington, D.C. National Meeting, Las Vegas, Nevada (with C-K. D. Hsi, A. C. Riese, and D. Langmuir).
1981. Dissolution and precipitation kinetics of calcite, gypsum, some ferric oxyhydroxides, and silica polymorphs: A literature survey and critique. Battelle Northwest Laboratories, HCS 81-9A (with M.J. Pavelich, and D. Langmuir).

MASAYOSHI OGATA

Associate Industrial Hygienist

Mr. Ogata has 24 years of professional experience in occupational health and safety. For the past 16 years, he was the manager of the Occupational Health Branch of the Division of Occupational Safety and Health, Hawaii Department of Labor and Industrial Relations. He was responsible for enforcement of occupational health regulations throughout the state of Hawaii. He also trained all new employees of his branch for industrial hygiene policies and procedures. Mr. Ogata consulted with other state agencies regarding industrial hygiene and provided advice for the creation and promulgation of new Occupational Health regulations. He has been a Clinical Instructor at the University of Hawaii School of Public Health since 1976.

EDUCATION

Graduate Study, Math/Chemistry/Epidemiology, University of Hawaii, Honolulu, 1962 and 1978
B.A., Chemistry, University of Hawaii, Honolulu, 1961

REGISTRATION AND CERTIFICATION

Certified Industrial Hygienist (Comprehensive Practice) - 1972, No. 720
Registered Sanitarian - Hawaii 1970
AHERA Inspector and Management Planner - 1989, Refresher - May 2, 1990
40-Hour Hazardous Material/Waste Training - 1989, Refresher - November 26, 1990

EMPLOYMENT HISTORY

1989 - present: Harding Lawson Associates
1973 - 1989: Hawaii Department of Labor and Industrial Relations, manager of Occupational Health Branch
1965 - 1973: Hawaii Department of Health, environmental health specialist
1962 - 1965: Hawaii Department of Health, chemist

REPRESENTATIVE PROJECTS

Directed an AIHA accredited industrial hygiene laboratory.

Conducted training in air sampling procedures and the use and calibration of equipment such as ozone monitor, mercury vapor detector, portable IR spectrophotometer, noise meters, other devices for sampling dusts, fumes, gases, asbestos, microbiological organisms.

Served on committees such as Radiation Safety Committee, University of Hawaii, Asbestos Advisory Task Force (AHERA), Ad Hoc Committee on Genetically Engineered Organisms, Governor's Conference on Health in 1990.

Directed staff in investigations of indoor air quality, accidents and discrimination complaints.

Participated in numerous seminars conducted by industry, educational institutions, and government agencies.

Conducted inspections of various establishments, evaluating employee exposures to noise, heat, asbestos, lead, chlorine, silica, pesticides, zinc, mercury, and other dusts, fumes, mists, gases, and vapors.

Conducted laboratory analyses of air, water, and milk for radionuclids; asbestos counting and identification, metal dusts, fumes, organic solvents, and other organic compounds.

Health and Safety Officer for Pacific region of HLA.

Co-trainer in HLA's 40-Hour Haz-Mat/Waste, Supervisory and Refresher Training.

Prepare Job Safety Plans for hazardous waste sites.

Co-preparer of specifications for asbestos abatement project.

Plan and supervise asbestos air monitoring for HLA Hawaii.

Directed staff in investigations of indoor air quality.

Conducted inspections of various establishments, evaluating employee exposure to contaminants such as asbestos, mercury, noise, lead.

Conducted laboratory analyses of air, water, and milk for radionuclids, dust samples for asbestos and organic solvents.

Performed asbestos management planning and asbestos inspections.

Prepared NRDC Guam preliminary risk assessment.

Prepared Kewalo Municipal Landfill RI/FS preliminary risk assessment.

Planned and managed Kewalo Municipal Landfill air monitoring.

Assisted Bellows AFS risk assessment and ARAR development.

Assisted in Hickam POL data validation and performed risk assessment.

Prepared Job Safety Plan for each hazardous waste project.

Designated Health and Safety Officer for Pacific region.

Managed Kakaako Waterfront Park air and seawater sampling program.

Prepared asbestos monitoring specifications for state of Hawaii.

Conducted site assessments related to potential contamination by solvents heavy metals and petroleum hydrocarbons.

Perform validation of data from contaminated sites.

RONALD L. SOROOS**Principal Geologist**

Mr. Soroos is the manager of environmental services for the Hawaii office of HLA. His group is responsible for remedial investigation/feasibility studies, environmental real estate assessments, underground storage tank investigations and remediations, groundwater quality studies, risk assessments, solid waste management and hazardous waste management. Mr. Soroos recently managed remedial investigations of municipal and military landfills and disposal sites for the state of Hawaii, the U.S. Air Force, and the U.S. Navy. He also has experience in the management of multidisciplinary projects dealing with aquifer protection and restoration, environmental engineering, contaminant transport, groundwater resource evaluation, and regional water quality. He has additional related experience in foundation investigations and design, geologic hazard assessments, safety evaluation of dams and other engineering geology projects. In all, Mr. Soroos has 18 years of professional experience in Hawaii, other islands of the Pacific Ocean, Southeast Asia, the southwestern United States, and Alaska.

EDUCATION

M.S., Geology and Geophysics, University of Hawaii, Honolulu, 1973

B.S., Geology and Geophysics, University of Hawaii, Honolulu, 1971

REGISTRATION AND CERTIFICATION

Geologist - California and Arizona

Engineering Geologist - California, No. 1056

SAFETY TRAINING

40-hour hazardous materials, health, and safety training course meeting EPA and OSHA requirements for contractors working on hazardous waste/materials projects.

8-hour EPA/OSHA required Hazardous Waste/Materials Supervisors Health and Safety Course (HLA-1988)

EMPLOYMENT HISTORY

1986 - present: Harding Lawson Associates
 1984 - 1985: The MARK Group, senior geologist
 1979 - 1984: Harding Lawson Associates, associate geologist
 1977 - 1979: U.S. Geological Survey, Water Resources Division, hydrologist
 1973 - 1977: Harding Lawson Associates, geologist
 1971 - 1973: University of Hawaii, Water Resources Research Center, research assistant
 1970 - 1971: Ralph M. Parsons Company, assistant to chief field engineer
 1969 - 1970: R. M. Towill Corporation, survey party chief
 1968 - 1969: Techdata, Ltd./Geotronics, Bangkok and Saigon, senior survey party chief
 1965 - 1968: U.S. Navy, Seabees, engineering aide (surveyor), third class

REPRESENTATIVE PROJECTS

Kewalo Municipal Incinerator Landfill, Honolulu, Hawaii - Remedial investigation/feasibility study to evaluate potential hazards relative to redevelopment. Field investigations included water wells; gas wells; soil, water, and gas sampling; water-level monitoring; and test pits. A risk assessment was done and remedial alternatives were developed. Client: State of Hawaii

Hawaiian Independent Refinery, Inc., Oahu, Hawaii - Installation and sampling of groundwater monitoring well network for RCRA regulated wastewater treatment ponds. Client: Hawaiian Independent Refinery, Inc.

Queen Street Commercial Development, Honolulu, Hawaii - Investigation of underground storage tanks and environmental assessment. Client: Monroe and Friedlander

Installation Restoration Program Stage 2, Hickam AFB, Hawaii - Project manager for investigation of contamination from landfills and fire fighting training areas. Client: USAF Occupational and Environmental Health Laboratory

Installation Restoration Program Stage 2, Wheeler AFB, Hawaii - Project manager for investigation of contamination from landfills and fire fighting training areas. Client: USAF Occupational and Environmental Health Laboratory

Installation Restoration Program Stage 2, Hickam POL Facilities, Hawaii Project manager for investigation of contamination from fuel storage facilities and pipelines. Client: USAF Occupational and Environmental Health Laboratory

Air Force Installation Restoration Program, Wake Island Airfield - Remedial investigation/feasibility study of suspected hazardous waste disposal sites.

Air Force Installation Restoration Program, Kaala Air Force Base, Mt. Kaala, Oahu, Hawaii - Remedial investigation/feasibility study of suspected hazardous waste disposal sites.

Air Force Installation Restoration Program, Bellows Air Force Base, Oahu, Hawaii - Remedial investigation/feasibility study of suspected hazardous waste disposal sites.

W.W. Grainger Warehouse, Honolulu, Hawaii - Environmental assessment of proposed warehouse site. Client: W. W. Grainger, Inc.

Contamination Investigations, various Navy facilities, Pacific Area - Installation restoration inspections and surveys. Client: Pacific Division, Naval Facilities Engineering Command

U.S. Navy MPS Facilities, Guam - Project manager for geotechnical investigation of building sites. Client: URS Corporation/John A. Blume and Associates

Wastewater sump and ponds closure, Honolulu Generating Station, Waiiau Generating Station and Kahe Generating Station, Oahu, Hawaii - Observation, consultation, and certification of RCRA closure of wastewater facilities. Client: Hawaiian Electric Company

Waikiki Prince Hotel, Honolulu, Hawaii - Foundation design for high-rise hotel and plaza. Client: Jack E. Myers

Hilton Hawaiian Village, Honolulu, Hawaii - Construction observation, testing, and consultation for major renovation program. Client: Hilton Hawaiian Village

Installation restoration program (IRP) Phase II presurvey, Wake Island Member of presurvey team to develop scope of services and cost estimate for contamination confirmation studies (remedial investigations). Client: U.S. Air Force

Spill prevention and response plan, Hickam Air Force Base, Oahu, Hawaii Project manager for preparation of oil and hazardous substance spill plan for base and associated satellite facilities. Client: 15th Air Base Wing

Waiiau wastewater ponds, Oahu, Hawaii - Groundwater assessment and review of monitoring data. Client: Hawaiian Electric Company, Inc.

Kahe wastewater ponds, Oahu, Hawaii - Groundwater assessment and review of monitoring data. Client: Hawaiian Electric Company, Inc.

Part B Permit Application for industrial client, southern Arizona Installed monitoring wells and evaluated groundwater conditions in desert environment where groundwater is several hundred feet deep.

Groundwater contamination investigation for industrial client, Scottsdale, Arizona - Investigated site located within EPA Superfund site where groundwater was contaminated with organic chemicals.

Groundwater protection and restoration studies for large industrial client, Santa Clara County, California - Defined plume, monitored groundwater, provided remedial design, and represented client with regulatory agencies.

Water resource evaluation for Chiniak School, Kodiak, Alaska - Performed geological reconnaissance over several square miles to assess water resources available for community school. Canvassed water well owners and researched hydrological literature. Recommended suitable sources and development method for preferred source. Client: Kodiak Island Borough

Groundwater resource assessment, Mountain Warfare Training Center, Pickle Meadow, California - Performed geological reconnaissance to evaluate groundwater potential. Successfully recommended drilling to test well that also served as production well. Client: Mackinlay Winnacker McNeil AIA

Soil and hydrological investigation, Puashala resort and marina development, Molokai, Hawaii - Performed exploration, testing, and engineering analyses to provide geotechnical recommendations for dredging and filling of shoreline area. Exploration included offshore test borings. Performed geological reconnaissance and literature review to assess potential for groundwater development. Client: General Hawaiian Development Corporation.

Groundwater consultation, Kaeleku Development, Hana, Maui, Hawaii Provided recommendations for development of groundwater supply for residential subdivision. Client: Kaeleku Partners

Soil and geological investigation, Truk District Capital Improvements Program, U.S. Trust Territories of the Pacific Islands - Provided exploration services for airport facilities, waterfront structures, water supply reservoirs, and pipelines. Developed geotechnical design recommendations from exploration data and engineering analysis. Client: Ralph M. Parsons Company/Austin, Tsutsumi and Associates, Inc.

Safety evaluation of existing dams (SEED program) in seven western states Investigation included review of design and construction records, review of maintenance records, research of pertinent technical literature, and field inspections of dams. Where information was lacking, recommended additional exploration and testing or engineering analysis to determine risk of failure. Client: U.S. Department of the Interior, Bureau of Reclamation

Foundation investigation, Worchester Road underpass, Honolulu International Airport, Hawaii. Client: Hawaiian Dredging and Construction Company

Ronald L. Soroos - Page 4

Construction inspection, Waiiau Gardens residential development, Pearl City, Hawaii. Client: Lear Siegler Properties, Inc.

Pavement design, Haleakala National Park Road, Maui, Hawaii. Client: Belt, Collins and Associates, Ltd.

Foundation investigation, various Hawaiian schools. Client: State of Hawaii, Department of Accounting and General Services

Foundation investigation, Kauai Surf Hotel expansion, Kauai, Hawaii. Client: Inter-Island Resorts

Construction inspection, natural gas storage tanks, Maui, Hawaii. Client: Gasco, Inc.

Soil investigation, Yap District Airport, U.S. Trust Territories of the Pacific Islands. Client: Ralph M. Parsons Company

Foundation investigation, American Security Bank Building, Honolulu, Hawaii. Client: Prime Realty, Inc.

Foundation investigation, Pago Pago Harbor improvements, Tutuila, American Samoa. Client: Government of American Samoa

Foundation inspection and instrumentation, HIRI harbor terminal for petroleum storage, Honolulu, Hawaii. Client: Keoph and Lange, Construction Engineers

Foundation inspection, Hemmeter Center, Waikiki, Hawaii. Client: Hemmeter Development Company

Soil investigation, Mount Kaala slide, Oahu, Hawaii. Client: R. M. Towill Corporation

Soil investigation, Kuhio Village Subdivision, Waimea, Hawaii. Client: R. M. Towill Corporation

Soil investigation, Haleiwa Shopping Plaza, Oahu, Hawaii. Client: Gushman and MacNaughton

Foundation investigation, Soli's Restaurant, Pago Pago, American Samoa. Client: Soli Corporation

Soil investigation, Special Weapons Magazine, West Loch, Pearl Harbor, Hawaii. Client: Alvin Zane and Associates, Inc.

Blast vibration analysis, Stangenwald Building, Honolulu, Hawaii. Client: Austin, Smith and Associates

Foundation investigation, Ponohawai Medical Center, Hilo, Hawaii. Client: Ponohawai Medical Associates

Soil investigation, Pearl Harbor sewer facilities, Hawaii. Client: Kennedy Engineers, Inc.

Foundation investigation, Laupahoehoe Sugar Mill Expansion, Hawaii. Client: Laupahoehoe Sugar Company

Foundation and geophysical investigation, Waikomo Subdivision, Koloa, Hawaii. Client: Grove Farm Company

Foundation inspection, Grosvenor Center Office Building, Honolulu, Hawaii. Client: Grosvenor International (Hawaii), Ltd.

Soil, foundation, and geophysical investigation, Mauna Loa Resort development, Kohala, Hawaii. Client: Mauna Loa Land Company

Soil investigation and pavement design, Makena Road, Maui, and Keaukaha to King's Landing Road, Hilo, Hawaii. Client: Muroda and Associates

Foundation investigation, Lucy K. Henriques Medical Center, Waimea, Hawaii. Client: Henriques Medical Center

Geological reconnaissance and consultation, Hanawi Diversion Tunnel, Nahiku, Hawaii. Client: Norman Saito Engineering Consultants, Inc.

Foundation investigation, Hanalei Post Office, Kauai, Hawaii. Client: U.S. Postal Service

Foundation investigation, Mauna Kea Observatories, Hawaii. Client: University of Hawaii/U.K. Royal Observatory

Seismic and magnetic survey, Wailuku-Alenaio Diversion 4, Hilo, Hawaii. Client: U.S.D.A. Soil Conservation Service

Soil and geological investigation, Glass Breakwater and Apra Harbor Restoration, Agana, Guam. Client: Moffatt and Nichol, Engineers

Foundation investigation, Anderson AFB Restoration Program, Guam. Client: Media Five Architects

Geotechnical investigation, Sheraton Royal Waikoloan Hotel, Anaeoomalu Bay, Hawaii. Client: First Hawaiian Development Corporation

Seismic-refraction survey, Creston Power Plant, Washington State. Client: Bechtel, Inc.

Fault investigation, Bishop Ranch, San Ramon, California. Client: Gaither and King/Sunset Properties

Phase I dam inspection, Dams 54, 58, 59, 71, and 72, Maui, Hawaii. Client: U.S. Army Corps of Engineers

Phase I dam safety inspection for four dams in Kansas. Client: U.S. Bureau of Reclamation

Upper Mahoney Lake pumped storage project, Ketchikan, Alaska - Geological mapping and prefeasibility study to site penstock and power plant. Client: U.S. Army Corps of Engineers

MEMBERSHIPS

American Institute of Hydrology

REPRESENTATIVE PUBLICATIONS AND PRESENTATIONS

1979. Reconnaissance of potential for potable groundwater supply at Kipahulu District, Haleakala National Park, Maui, Hawaii. U.S. Geological Survey, Open File Report 79-749, May.

1979. Test monitoring of prototype injection well, Waiale, Maui, Hawaii. U.S. Geological Survey, Open File Report 79-274, January.

1979. Groundwater status report, Pearl Harbor Area, 1978. U.S. Geological Survey, Open File Report, August (with Charles J. Ewart).

1973. Evaluation of methods of pumping test analyses for application to Hawaiian aquifers. University of Hawaii, Honolulu, Technical Report No. 70, Water Resources Research Center (with J. A. Williams).

1973. Determination of hydraulic conductivity of some Oahu aquifers with step-drawdown test data. Master's thesis, University of Hawaii.

JOHN J. WARD

Associate Hydrogeologist

Mr. Ward has been an associate and project manager with HLA for the past 4 years. He has 14 years of experience as a professional hydrogeologist, managing numerous projects in conformance with state and federal environmental regulations. He has a strong background in groundwater quality, well and aquifer hydraulics, modeling and geochemistry, and is well versed in analytical and numerical solutions to well hydraulics and groundwater flow problems. He has been qualified as an expert witness and has given testimony in deposition and in court. He has participated in management, review of project work, budgeting, and proposal formulation and has managed staff hydrogeologists, engineers, and subcontractors.

EDUCATION

M.S., Hydrology, University of Arizona, 1980
B.S., Hydrology, University of Arizona, 1975

EXPERIENCE

1986 - present: Harding Lawson Associates, associate hydrogeologist
1980 - 1986: Hydro Geo Chem, Inc., Tucson, Arizona, senior hydrogeologist
1979 - 1980: University of Arizona, research assistant
1977 - 1978: National Uranium Resources Evaluation, assistant hydrologist
1976 - 1977: P.E. LaMoreaux and Associates, Lakeland, Florida, hydrogeologist
1974 - 1976: City of Tucson, Groundwater Development Division, hydrologist

REGISTRATION

Geologist - Arizona 1985, California 1986
Certified Professional Geologist, AIPG

SAFETY TRAINING

Health and Safety Training Course (48 hours) following EPA requirements. Included training in physical, chemical, and toxicological properties of hazardous materials; hazard evaluation and control; selection and use of personal protective equipment; sampling and monitoring techniques and equipment; site entrance and decontamination procedures; and safety plan development.

REPRESENTATIVE PROJECTS

Hazardous/Nuclear Waste Investigations

Project manager, hydrogeologic characterization Class I hazardous waste landfill, California - Included development of groundwater quality detection- and assessment-level systems and statistical evaluations; hydrogeochemical evaluation; development of a sampling, analysis, and quality assurance program; and review and negotiation of compliance items with California Department of Health Services and Water Quality Control Board. Client: Confidential

Project manager of hydrogeologic characterization, risk assessment, and remedial alternatives investigation for RCRA-permitted facility, Portland, Oregon. Study includes development of work plans, site safety plans, sampling, analysis, and quality assurance programs. Negotiated RCRA orders

with EPA and Oregon DEQ. Conducted extensive hydrogeologic investigation to assess source and extent of contamination, hydrogeologic properties, and assessment of potential receptors. Developed plans for Corrective and Interim Remedial Measures under RCRA Section 3008. Client: Confidential

Managed site characterization of 3/4-acre chromium dump, Arizona. Implemented in-situ chromium fixation remediation to reduce potential for unsaturated zone migration. Client: Confidential

Managed groundwater investigation of copper milling and processing operation, Arizona. Work included assessing potential regional groundwater impacts of copper tailings ponds and evaluating geochemical indices of pollution. Client: Confidential

Designed saturated/unsaturated flow model for siting of Class I hazardous waste site as part of RCRA Part B application. Predicted vadose zone flow under various release scenarios. Client: Confidential

Designed and managed aquifer tests for determination of anisotropy and groundwater tracer tests for determination of porosity and dispersivity in uranium mill tailings, Wyoming. Client: Sandia National Laboratories

Designed field program, conducted groundwater sampling and field chemical analyses, and supervised site activities for National Uranium Resources Evaluation in Arizona. Client: D.O.E.

Supervised hydrologic field work at Waste Isolation Pilot Plant (WIPP) site, New Mexico. Work included aquifer test design and interpretation, recirculating and convergent-flow tracer tests, collection and interpretation of aqueous chemistry, isotopic chemistry, measurements of flow, and salt balance computations.

Conducted remedial investigation portions of an RI/FS for an incinerator waste landfill, Honolulu waterfront, Hawaii. Investigation included waste characterization, groundwater quality and flow assessment, and predictive evaluation of concentrations of waste constituents in nearshore marine environment. Client: Honolulu Community Development Authority.

Industrial/Underground Storage Tanks Investigations

Project Manager - Characterization of industrial solvent compound migration in groundwater - California. Managed on- and off-site investigation of groundwater contamination from multiple sources of industrial solvents. Designed and implemented groundwater extraction program. Conducted environmental fate analysis of contaminants in local POTW by chemical analysis and mass balances of solvents in all POTW plant processes. Client: Confidential

Managing groundwater remedial investigations from gasoline leakage at petroleum service and terminal stations, Hawaii. Installed test and monitoring wells, tested groundwater hydraulics, identified downgradient receptors, and formulated remedial measures. Presently designing remedial systems at one station. Clients: Confidential

Designed and managed programs to evaluate occurrence of soil and groundwater contamination and designed remediation programs for a 60,000-gallon fuel oil spill in California. Client: Lawrence Livermore National Labs.

Supervised and reviewed site characterizations and remedial investigations at numerous underground storage tank facilities in Arizona and Nevada. Clients: Confidential

Water Resources Investigations

Analyzed and critiqued hydrologic impact predictions from Black Mesa Coal Mine on the water resources of the Little Colorado River Basin, Arizona. Client: Hopi Tribe

Managed data collection and analysis and assisted in groundwater computer modeling of San Juan Basin, New Mexico. Designed groundwater and surface-water monitoring program for Indian tribe and trained tribal technicians on program implementation. Client: Laguna Pueblo

Managed study to determine sources of brine contamination of New Mexico river and downstream reservoirs. Site investigation included geologic mapping, geophysical investigations, geochemical and isotopic determination of sources of brine contamination, and numerical modeling of remediation scenarios. Client: U.S. Bureau of Reclamation

Conducted numerical groundwater modeling of effects of proposed well field on water resources of Roswell Artesian Basin, New Mexico. Used stable isotopes and inverse modeling to assist model calibration. Defended this work as expert witness in court. Client: Bureau of Indian Affairs

Evaluated reclamation plans for open pit uranium mine, including predictions post-recovery water levels and changes in groundwater chemistry. Client: Bureau of Indian Affairs

Evaluated storage of groundwater from large flood control reservoir in central Arizona. Study involved characterization of regional aquifer system and groundwater/surface-water interactions using water budget and flow model techniques. Client: U.S. Army Corps of Engineers

Managed aquifer evaluations and artificial recharge studies in Florida. Responsibilities included design and supervision, aquifer testing, surface water measurements, stream gauge installation, bore-hole geophysical analysis, and production well design. Clients: Confidential

Constructed, tested and permitted multi-well groundwater supply (3.2 MGD) for large electrical generation plant on Oahu, Hawaii. Client: Kalealoa Partners.

Constructed, tested and permitted deep injection wells (2.1 MGD) on Oahu, Hawaii for disposal of cooling and boiler water. Client: Confidential.

Dewatering Investigations

Managed open-pit mine dewatering projects in Florida. Designed dewatering systems, managed installation of dewatering wells, tested and implemented systems. Clients: Confidential

Dewatering computer simulations of landfill addition, Yolo County, California. Predicted effects of landfill depth configurations based on seasonality of water levels. Client: Yolo County

Assessed feasibility of depressurization of brine aquifer in New Mexico via deep wells. Project included setting up, supervising, and evaluating results of 10 miles of seismic lines, hydrogeologic characterization, design and siting of depressurization and recharge wells, analysis of chemical interactions, and predictions of recharge rates and injection pressures. Client: U.S. Bureau of Reclamation

Conducting dewatering investigation for new Honolulu waterfront development. Investigation includes test drilling, aquifer testing and design simulation/dewatering optimization. Client: Aloha Tower Associates

MEMBERSHIPS

National Water Well Association
American Geophysical Union, Hydrology Section
American Institute of Professional Geologists

REPRESENTATIVE PUBLICATIONS AND PRESENTATIONS

1986. Studies of vapor movement in the vadose zone and their implications for determination of leakage from underground storage tanks. Presented to Arizona Departments of Water Resources and Health Services, January (with S. Veggeberg).

1984. Determination of horizontal aquifer anisotropy with three wells. *Groundwater*, vol. 22, no. 1 (with S.P. Neuman, G. Walter, H. Bentley, and D. D. Gonzalez).

1983. Heterogeneity and anisotropy in a fractured carbonate aquifer. Presented at American Geophysical Union Fall Meeting, San Francisco, December.

1983. Continuum and non-continuum aspects of groundwater movement at the Waste Isolation Pilot Plant, Southeastern New Mexico. *EOS* (abs), vol. 64(45), American Geophysical Union (with G.R. Walter, H.W. Bentley, and D.D. Gonzalez).

1983. Aquifer tests to determine the principal components of transmissivity in the Culebra Dolomite at hydropads H-4, H-5, and H-6: Waste Isolation Pilot Plant (WIPP), Southeast New Mexico. Sandia National Laboratories, SAND83-7009 (with G. Walter and D.D. Gonzalez).

1983. Field characterization of groundwater transport properties at the WIPP-SENM: Problems and progress. Workshop on Field Methods for the Assessment of Radionuclide Sorption (with G.R. Walter and H.W. Bentley).

1980. An evaluation of bank storage at Painted Rock Reservoir, Maricopa County, Arizona. Report DACW-09-80-M-0914, U.S. Army Corps of Engineers, Los Angeles District.

BRUCE S. WEDGEWORTH

Project Geologist

Mr. Wedgeworth has performed numerous subsurface investigations for both hazardous waste and geotechnical projects in Hawaii and California. He has written site inspection reports, work plans, health and safety plans, and quality assurance project plans for Installation Restoration Projects (IRPs). He has conducted soil and groundwater investigations involving petroleum products, pesticides, heavy metals, PCBs, remediation, and underground storage tanks (USTs). His geophysics experience includes participation in marine surveys aboard research vessels in the Pacific Basin and ground-penetrating radar, electrical resistivity, and seismic refraction surveys in Hawaii. He has performed geotechnical investigations for power plants, telescope facilities, military installations, medical centers, and television stations.

EDUCATION

M.S., Marine Geology and Geophysics, University of Hawaii, Manoa, 1985

B.A., Earth Science, California State University, Fullerton, 1976

Forty-hour safety training course (classroom and hands-on), in accordance with OSHA and EPA requirements, for hazardous waste site investigation and cleanup.

EMPLOYMENT HISTORY

1987 - present: Harding Lawson Associates

1986: Research vessel Moana Wave, participating scientist

1984 - 1985: Geolabs-Hawaii, soil technician

1977 - 1980: S. J. Groves and Sons, Inc., quality assurance liaison officer

REPRESENTATIVE PROJECTS

Installation Restoration Projects, Oahu - Participation in various IRPs in Hawaii. Specific responsibilities included proposal preparation, design of sampling program, coordination of field activities, field sampling of soil and groundwater, drilling supervision and borehole logging, preparation of draft and final reports, coordination with client, and project administration. Client: U.S. Navy

Installation Restoration Project, Oahu - Participation in an IRP on Oahu. Assignments included drilling and borehole logging, soil sampling, and preparation of the final report. Client: U.S. Air Force

Underground storage tanks, Oahu - Evaluated tanks for conformance with proposed regulations and developed recommendations for compliance. Client: GTE Hawaiian Telephone

Gasoline leak investigation, Oahu - Project management of a project involving gasoline contamination at a service station on Oahu. Responsibilities included proposal preparation, design of sampling program, field sampling of soil and groundwater, report preparation and project administration. Client: Unocal

Injection well testing, Hawaii - Responsibilities included preparation of the appropriate permits, conducting a field percolation test, and preparation of final report. Client: Hawaiian Electric Light Company

UST removal, Kauai - Specific responsibilities included proposal preparation, field sampling of soil according to EPA UST regulations, and preparation of report. Client: State of Hawaii, DAGS

Groundwater assessment, Oahu - Assignments included sampling of soil and groundwater, borehole logging, and preparation of report. Client: Hawaiian Independent Refinery, Inc.

UST removal, Oahu - Specific responsibilities included proposal preparation, design and sampling program, and coordination of field activities. Client: Hawaiian Electric Company, Inc.

Underground storage tank, Oahu - Monitored gasoline tank removal and made recommendations based on state and federal regulations. Client: Alamo Rent a-Car.

Installation Restoration Project, Adak, Alaska - Soil sampling at various sites for confirmation studies. Client: U.S. Navy

Groundwater assessment, Oahu - Soil and water sampling at site of proposed warehouse. Client: W. W. Grainger, Inc.

Proposed water line, Kula, Maui - Reconnaissance and soil sampling. Client: Norman Saito Engineering Consultants, Inc.

Wastewater pond closures, Kahe Point, Oahu - Monitored procedures for sampling soil in ponds and wrote closure reports. Client: Hawaiian Electric Company, Inc.

Sump closure, Fullerton, California - Supervised drilling of borings to determine possible soil contamination. Client: FMC Corporation

Gasoline leak investigation, Thousand Oaks, California - Installed monitoring wells to assess extent of gasoline migration. Client: Exxon

Proposed power plant addition, Kahe Point, Oahu - Supervised drilling of soil borings. Client: Hawaiian Electric Company, Inc.

Airport runway, Kailua-Kona, Hawaii - Performed ground-penetrating radar survey to detect voids. Client: State of Hawaii

Research/Special Studies

SeaMARC project (sea mapping and remote characterization), University of Hawaii - Computer specialist for ship-towed, side-scan sonar system capable of resolving seafloor bathymetry to 10 meters. Digital data tapes were recorded at sea, reduced using advanced FORTRAN computer algorithms, and combined into mosaics creating side-scan and colored-bathymetry maps.

Research cruise, western Samoa, Caroline Islands, and Kiribati and Tuvalu areas - Participating scientist aboard research vessel Moana Wave. Investigated proposed new subduction zone, conducted geophysical survey for new hotspot, and searched seamounts and seafloor for manganese crust and nodules to establish mineral resources of the area.

Thesis study on seamount tectonics, western Pacific - Collected and analyzed geophysical and geological data including bathymetry, gravity, seismic reflection/refraction, and Deep Sea Drilling Project (DSDP) results. Modeled crustal structures using 3-D gravity program.

Research cruise, traverse of Hawaiian Ridge - Research assistant aboard research vessel Kana Keoki. Investigation of structure beneath Hawaiian ridge, moat, and arch using multichannel seismic records.

Produced bathymetric and gravimetric maps and determined velocity-depth crustal structure using Harris 800 computer.

Federal flood control project, Kaneohe, Hawaii - Quality control engineer responsible for in situ testing of earth-fill dam, roadways, concrete, and structures. Acted as liaison officer between Army Corps of Engineers and contractor. Trained and supervised assistant soil technicians.

MEMBERSHIPS

Geological Society of America
American Association of Petroleum Geologists
American Geophysical Union

REPRESENTATIVE PUBLICATIONS AND PRESENTATIONS

1987. A 3-D gravity-tectonic study of Ita Mai Tai Guyot: an uncompensated seamount in the East Mariana Basin. In *Seamounts, Islands, and Atolls*, Geophysical Monograph 43, edited by Barbara H. Keating, Patricia Fryer, Rodey Batiza, and George W. Boehlert, pp. 73-84. American Geophysical Union, Washington, D.C. (with J. N. Kellogg).

1987. Isostatic compensation and conduit structures of western Pacific seamounts: results of three-dimensional modeling. In *Seamounts, Islands, and Atolls*, Geophysical Monograph 43, edited by Barbara H. Keating et al., pp. 85-96, American Geophysical Union, Washington, D.C. (with J. N. Kellogg and J. Freymueller).

1985. Three-dimensional gravity and isostatic study of western Pacific seamounts. *Transactions of the American Geophysical Union* 65 (with J. N. Kellogg).

1985. Comparison of the gravity fields of ridge crest and mid-plate seamounts and islands. *Transactions of the American Geophysical Union* 66 (with J. N. Kellogg).

1985. Ita Mai Tai Guyot: A comparative geophysical study of western Pacific seamounts. M.S. thesis, University of Hawaii, Honolulu.

1984. Three-dimensional modeling of the gravity fields of seamounts. Abstract, SEG/USN Technical Symposium on Three-Dimensional Marine Data Collection, Processing, Interpretation, and Presentation, NSTL, Mississippi (with J. N. Kellogg and I. J. Ogujiofor).

1983. Comparison of the gravity fields of Woollard Guyot in the Mid-Pacific Mountains and Ita Mai Tai in the westernmost Marshall Islands. *Transactions of the American Geophysical Union* 64 (with J. N. Kellogg and I. J. Ogujiofor).

DISTRIBUTION

WORK PLAN
SAMPLING AND ANALYSIS PLAN
SUBSURFACE INVESTIGATION AND FEASIBILITY STUDY
ALOHA TOWER DEVELOPMENT
HONOLULU, OAHU, HAWAII
April 9, 1991

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Ronald L. Soroos
Engineering Geologist - 1056 (California)

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Attention: Mr. Buck Rogers























Relevant Regulatory File Information







CITY AND COUNTY OF HONOLULU
 Department of Planning and Permitting (DPP)

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Building Permit Search

Application Number	Building Permit No.	Issue Date	TMK	Status	Description
	027365(HIST)	Mar 28, 1974	21014006-	Converted	HAWAIIAN ELECTRIC CO INC - ,AD,EL,PL
	108423(HIST)	Sep 20, 1978	21014006-	Converted	HAWAIIAN ELECTRIC CO INC - ,OT
	110537(HIST)	Oct 26, 1978	21014006-	Converted	HAWAIIAN ELECTRIC CO INC - ,AL
	165406(HIST)	Mar 2, 1982	21014006-	Converted	HONOLULU POWER PLANT - ,OT
	181098	Jun 21, 1983	21014006-	Completed	HECO HONO.SUBSTATION - OT
	201093	Nov 30, 1984	21014006-	Completed	HAWAIIAN ELECTRIC - OT
	260836	Oct 14, 1988	21014006-	Completed	HAWAIIAN ELECTRIC - AL
	345797	Dec 10, 1993	21014006-	Completed	HNL POWER PLANT - RP
	354106	Jun 30, 1994	21014006-	Completed	POWER PLT 5 & 7 - RP
	380692	Dec 11, 1995	21014006-	Completed	HECO - RP
	402796	May 14, 1997	21014006-	Completed	HECO-BACKFLOW PREVEN - PL
	407368	Aug 27, 1997	21014006-	Completed	HECO-HNL POWER PLANT - AL,OT
	2011/IBPO1438	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] 170 Aloha Tower Dr / Hawaiian Electric Company - Building Permit
	2011/IBPO4260	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] HECO Generator Cover - Building Permit
	2011/IBPO4265	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] HECO Guard Shack Extension - Building Permit
	2011/IBPI0449	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] 170 Aloha Tower Dr / Hawaiian Electric Company - Building Permit
	2013/IBPI0586	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] Iwi Enclosure Wall - Building Permit
	2019/IBPO0600	mmm dd, yyyy	21014006	POSSE BP subjob created	[TMK: 21014006] Heco - Building Permit
	A1999-09-2163	Nov 1, 1999	21014006	Permit application closed	(BP #501460) Interior Alteration of Ala Moana Substation
	A2004-12-0104	mmm dd, yyyy	21014006	Job Cancelled	
	A2004-12-0105	574581	Dec 27, 2004	Permit application closed	(BP #574581) [TMK: 21014006] HAWAIIAN ELECTRIC COMPANY INC. - ALTERATION TO EXISTING CHAINLINK FENCE. INCREASE OF 2' 0" IN HEIGHT TO CHAINLINK FENCE AND GATE.
	A2005-07-1923	mmm dd, yyyy	21014006	Job Cancelled	[TMK: 21014006] HAWAIIAN ELECTRIC COMPANY INC. - REPLACE SECURITY FENCE

Application Number	Building Permit No.	Issue Date	TMK	Status	Description
 A2011-02-0707	670215	Apr 18, 2011	21014006	Permit application closed	(BP #670215) [TMK: 21014006] 170 ALOHA TOWER DR - HAWAIIAN ELECTRIC CO. -- Alteration
 A2011-05-0057		mmm dd, yyyy	21014006	Job Cancelled	[TMK: 21014006] 170 Aloha Tower Drive - HECO - Generator Cover***01/19/2017 Plans Cancelled Disgarded
 A2011-05-0065		mmm dd, yyyy	21014006	Job Cancelled	21[TMK: 21014006] 170 Aloha Tower Drive - HECO - Addition/Alteration to an existing Guard Shack***01/19/2017 Plans Cancelled Disgarded
 A2011-10-0511	687255	Mar 1, 2012	21014006	Permit application closed	(BP #687255) [TMK: 21014006] (10/31) HAWAIIAN ELECTRIC CO. -- INTERIOR ALTERATIONS TO UNITS # 5 & 7(PARTIAL DEMO) (2011/IBPIO449) ***5-13-16 CHANGE GENERAL CONTRACTOR FROM LVI ENVIRONMENTAL SERVICES INC TO HECO INC ANDY CARVALHO PER AUTHORIZATION FORM FROM OWNER MICHAEL DECAPRIO***
 A2013-09-2185	744563	Mar 18, 2014	21014006	Permit application closed	(BP #744563) [TMK: 21014006] HECO - lwi enclosure wall for ancient remains. New 2'-0" concrete block wall with moss rock facade with 3'-0" wrought iron fence on top with gate
 A2019-01-0679	856993	Nov 16, 2020	21014006	Permit application closed	(BP #856993) [TMK: 21014006] 170 Aloha Tower Dr // Heco - Add security lighting to building exterior

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 Application Number	Building Permit No.	Issue Date	TMK	Status	Description
	353830	Jun 24, 1994	21001057-98	Completed	WINDJAMMER-PIER 7 - PL
	355923	Jul 28, 1994	21001057-98	Completed	WINDJAMMER PIER 7 - EL
	387405	Apr 26, 1996	21001057-97	Completed	WINDJAMMER - EL,OT
 A2011-12-0347	683691	Dec 23, 2011	21001057	Permit application closed	(BP #683691) AHI Aloha Tower, station 2 - HECO AEG MONITORING ELEC. UPGRADE

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 Application Number	Building Permit No.	Issue Date	TMK	Status	Description
	368542	Apr 21, 1995	21001058-99	Completed	RESTAURANT PIER 7 - AL
	368543	Apr 21, 1995	21001058-99	Completed	MORITA - AL,EL,PL,OT
	379368	Nov 8, 1995	21001058-99	Completed	PIER SEVEN REST - AL,EL,PL
	387584	May 1, 1996	21001058-99	Completed	PIER 7 RESTAURANT - AL,EL,PL
	387638	May 2, 1996	21001058-99	Completed	SEVENS ENT - EL
	388498	May 20, 1996	21001058-99	Completed	PIER 7/AIR COND - EL,PL,OT

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Qualifications



Alexis Aguilar *Project Manager*

CAREER HISTORY Experienced in conducting ASTM Standard Phase I and Phase II Environmental Site Assessments and site assessment work addressing PCBs, petroleum-related contaminants, pesticides, asbestos, metals, underground storage tanks, and non-point source contaminants and review of federal, state and county databases and regulatory files.

Experienced in writing and interpreting sampling and analysis plans (SAPs), environmental hazard evaluation/environmental hazard management plans (EHE/EHMPs).

Experienced in field work and sampling for constituents in accordance with SAPs, EHE/EHMPs, specifications, submittals, and demolition floor plans.

Experienced in soil, water, air, and hazardous materials sampling and laboratory analysis interpretation.

Experienced in conducting clearance, personal, and area air monitoring for asbestos, lead, and other particulates and lead dust wipe sample collection, in compliance with Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA) and HDOH regulations.

Experienced in project monitoring for removal and disturbance of hazardous materials and implementing containment engineering controls in compliance with EPA, OSHA, and HDOH regulations.

Experienced in conducting hazardous materials surveys and environmental site assessments for asbestos containing building materials and lead containing/lead-based paint.

Experience in oversight of remediation, abatement, renovation, and demolition projects.

Experienced in conducting fire assessments for fire-related hazardous constituents, including sampling, laboratory analysis interpretation, and report writing.

Experienced in conducting fungal inspection surveys for moisture intrusion, visible suspect mold and indoor air quality investigations.

Experienced in conducting post remediation verification (PRV) for mold and moisture intrusion remediation and hygienic indoor surfaces.

Experienced in conducting hazardous materials surveys and environmental site assessments for asbestos containing building materials, and lead containing paint.

Experienced in collecting multi-incremental soil samples.

Experienced in environmental research and report preparation.

Experienced in biological fieldwork and laboratory sample preparation.



Alexis Aguilar
Project Manager

EDUCATION B.S. Marine Biology,
University of Hawai'i at Mānoa 2021

CERTIFICATIONS AHERA Asbestos Inspector, Certification No. HIASB-5173
AHERA Project Monitor, Certification No. HIASB-5173
AHERA Project Designer, Certification No. HIASB-5173
Lead Based Paint Risk Assessor, Certification No. PB-1277



Kenton Beal
President

CAREER HISTORY More than twenty-five years of professional environmental project development and management. Strong emphasis on risk evaluation, risk ranking and environmental hazard assessment. Experienced in portfolio-wide environmental management and prioritizing resource allocation to address environmental liabilities in a cost effective manner. Has developed thousands of project budgets for planning and implementation purposes. Performed numerous RCRA hazardous waste characterization investigations, Phase I and II environmental investigations, remediation of soil and groundwater and environmental management of large construction projects. Projects have included urban renewal, remediation management at petroleum refineries, best management practices, storm water management, solid waste management, construction-related permitting, indoor air quality evaluations, closure of RCRA Treatment Storage and Disposal (TSD) facilities, remediation management for fungal contamination, evaluation of environmental issues related to lease disputes and commercial property transactions. Has performed and managed thousands of mold and moisture investigations ranging from single-family residential properties to high-rise commercial and resort properties.

PROFESSIONAL AFFILIATIONS Registered Environmental Assessor (California)
Past President, Hawaii Chapter of the Institute of Hazardous Materials Managers
Registered Geologist (California)
Certified Professional Geologist (American Institute of Professional Geologists)
American Indoor Air Quality Council (Board of Directors, Hawaii Chapter)
Certified Indoor Environmentalist (Indoor Air Quality Association)
Certified in Mold Loss Prevention (Indoor Air Quality Association)
American Industrial Hygiene Association

EDUCATION MBA, Hawaii Pacific University, 2001
M.S., Geology and Geophysics, University of Hawaii, 1987
B.A., Geology, University of California at Santa Barbara, 1984

GEOGRAPHIC EXPERIENCE Successfully completed projects throughout the major Hawaiian Islands, Guam, Saipan, CNMI, Puerto Rico, Japan, and throughout the United States

ENVIRONMENTAL INVESTIGATION/ REMEDIATION EXPERIENCE Projects have included wood treatment facilities, petroleum refineries, underground storage tank (UST) sites, agricultural facilities, urban renewal projects, petroleum bulk storage terminals impacted with free floating petroleum hydrocarbons, dry cleaners, and a variety of commercial/industrial facilities. Received No Further Action status at multiple sites from the State of Hawaii Department of Health. Successful experience with investigation and remediation projects for real property transfers and redevelopment. Design of corrective measures for indoor air quality complaints. Mold and moisture training, prevention and response planning.



Kenton Beal
President

SPECIALIZED TRAINING Mold Loss Prevention, Indoor Air Quality Association
Groundwater Flow through Porous and Fractured Media, University of Wisconsin-Madison
Corrective Action for Containing and Controlling Ground Water Contamination, National Water Well Association
Basic Ground Water Modeling, National Water Well Association
Project Management, University of Hawaii
Clean Air Act Amendment 112 ®, U.S. EPA
Management & Supervision of Hazardous Waste Operations, Unitek Environmental Consultants
AHERA Asbestos Management Planner
AHERA Asbestos Inspector
HVAC and the Indoor Environment, American Indoor Air Quality Council
IICRC S520 Mold Remediation Guideline, American Indoor Air Quality Council
Case Studies in Environmental Mold, American Industrial Hygiene Association
Health Effects of Mold, American Indoor Air Quality Council
40-hour Hazwoper Training and Refreshers, Various
Understanding Environmental Sampling and Data Analysis
Managing Uncertainty with Systematic Planning

PROFESSIONAL PRESENTATIONS Building Operator Certification, Indoor Environmental Quality, University of Hawaii
Environmental Game Changers, Honolulu, Hawaii
Indoor Air Quality in Commercial Buildings, American Society of Heating and Refrigeration Engineers
Environmental Solutions for Real Estate Transactions, Honolulu Board of Realtors
Storm Water Monitoring, Law Seminars International, Honolulu
Mold Remediation Boot Camp, Las Vegas
Mold University™, Honolulu and Houston
Indoor Air Quality for Property Managers, San Francisco, Honolulu, Las Vegas, Los Angeles
Mold Report™, San Francisco, Honolulu, Las Vegas, Los Angeles
Mold Awareness, International Executive Housekeepers Association
Advanced Conference on Real Estate, Law Seminars International
Hot Topics in the Mold Industry, American Indoor Air Quality Council, Hawaii
Mold Investigation Training, Pensacola, Fort Lauderdale, Orlando, Tampa, Florida
Environmental Investigation for Emergency Services, Burbank and Long Beach California
Multi-Family Residential Development, Lohrman Education Services, Honolulu
Environmental Law Seminar A to Z, NBI, Inc., Honolulu
Real Estate Development From Beginning to End, Lorman Educations Services, Honolulu



APPENDIX F

Wilson Okamoto Corporation
Traffic Impact Report for Tradewinds Garden.

Traffic Impact Report

Tradewinds Garden



Prepared for:
Wilhelm Group

Prepared by:
Wilson Okamoto Corporation

March 2024

TRAFFIC IMPACT REPORT

FOR

TRADEWINDS GARDEN

Prepared for:

Wilhelm Group
1003 Bishop Street, Suite 2395
Honolulu, Hawaii 96813

Prepared by:

Wilson Okamoto Corporation
1907 S. Beretania Street, Suite 400
Honolulu, Hawaii 96826
WOC Ref #10815-02

March 2024

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I. INTRODUCTION

A. Purpose of Study

The purpose of this study is to identify and assess the traffic impacts resulting from the proposed Tradewinds Garden development within the existing Aloha Tower Complex in Honolulu, on the island of Oahu. The proposed project entails redevelopment of portions of the existing Honolulu Power Plant (Units 5 and 7 only) and Pier 7 of the Honolulu Harbor into the Tradewinds Garden, which will include a garden and art museum with associated amenities.

B. Scope of Study

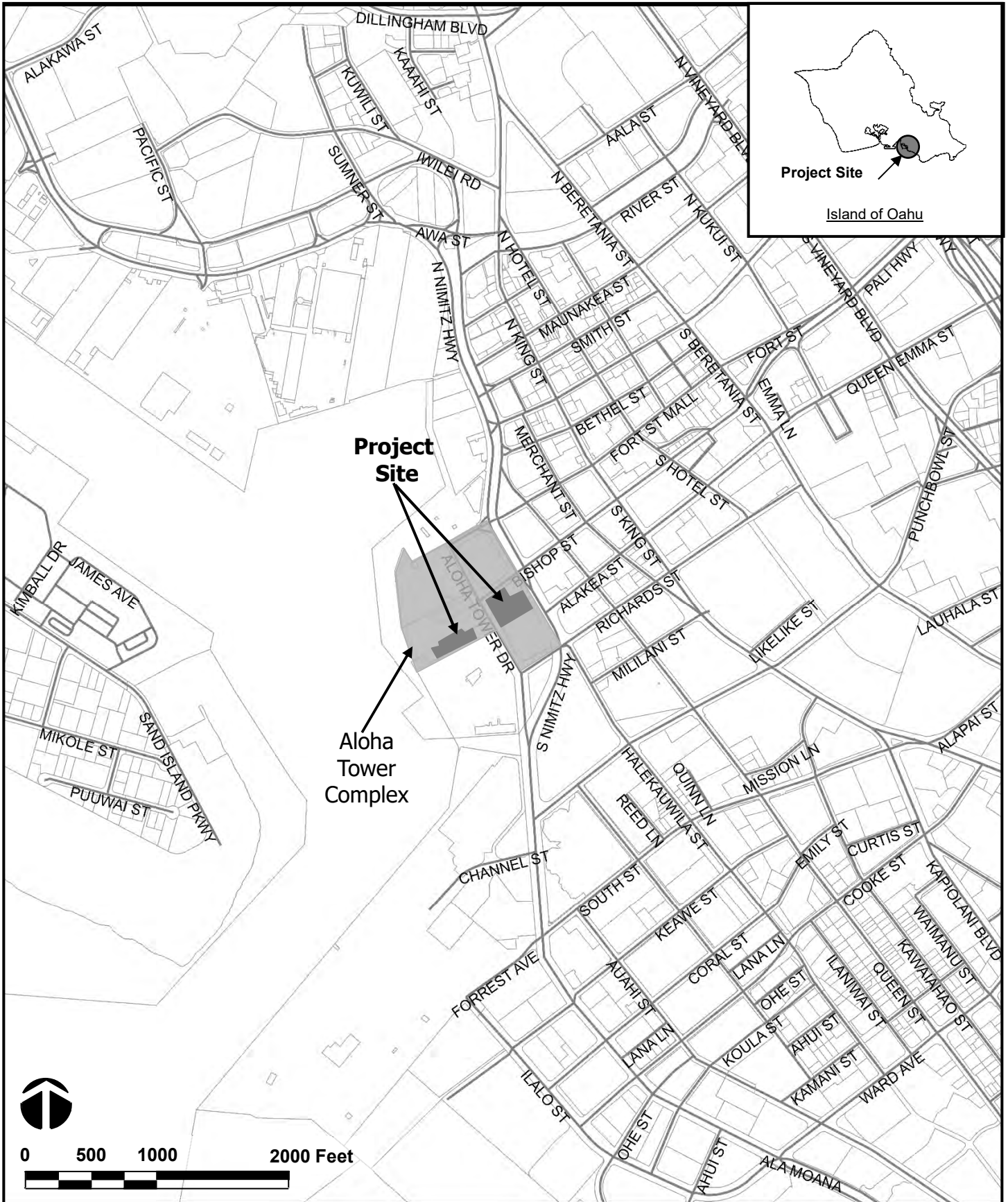
This report presents the findings and conclusions of the traffic study, the scope of which includes:

1. Description of the proposed project.
2. Evaluation of existing roadway and traffic operations in the vicinity.
3. Analysis of future roadway and traffic conditions without the proposed project.
4. Analysis and development of trip generation characteristics for the proposed project.
5. Superimposition of site-generated traffic over future traffic conditions.
6. The identification and analysis of traffic impacts resulting from the proposed project.
7. Recommendations of improvements, if appropriate, that would mitigate the traffic impacts resulting from the proposed project.

II. PROJECT DESCRIPTION

A. Location

The site for the proposed project is situated within the existing Aloha Tower Complex located adjacent to Nimitz Highway in downtown Honolulu. The site for the proposed Tradewinds Garden development straddles Aloha Tower Drive and is bounded by Nimitz Highway to the north, Bishop Street to the east, and Honolulu Harbor to the south (see Figure 1). The northern portion of the project site is comprised of portions of the existing Honolulu Power Plant, identified as Tax Map Key (TMK): 2-1-014:006 58, while the southern portion of the project site includes parts of Pier 7 of the Honolulu Harbor, identified as TMKs: 2-1-001:057 and 58.



TRADEWINDS GARDEN

LOCATION MAP AND VICINITY MAP

FIGURE

1

Access the proposed project is expected to continue being provided off Aloha Tower Drive similar to the rest of the Aloha Tower Complex.

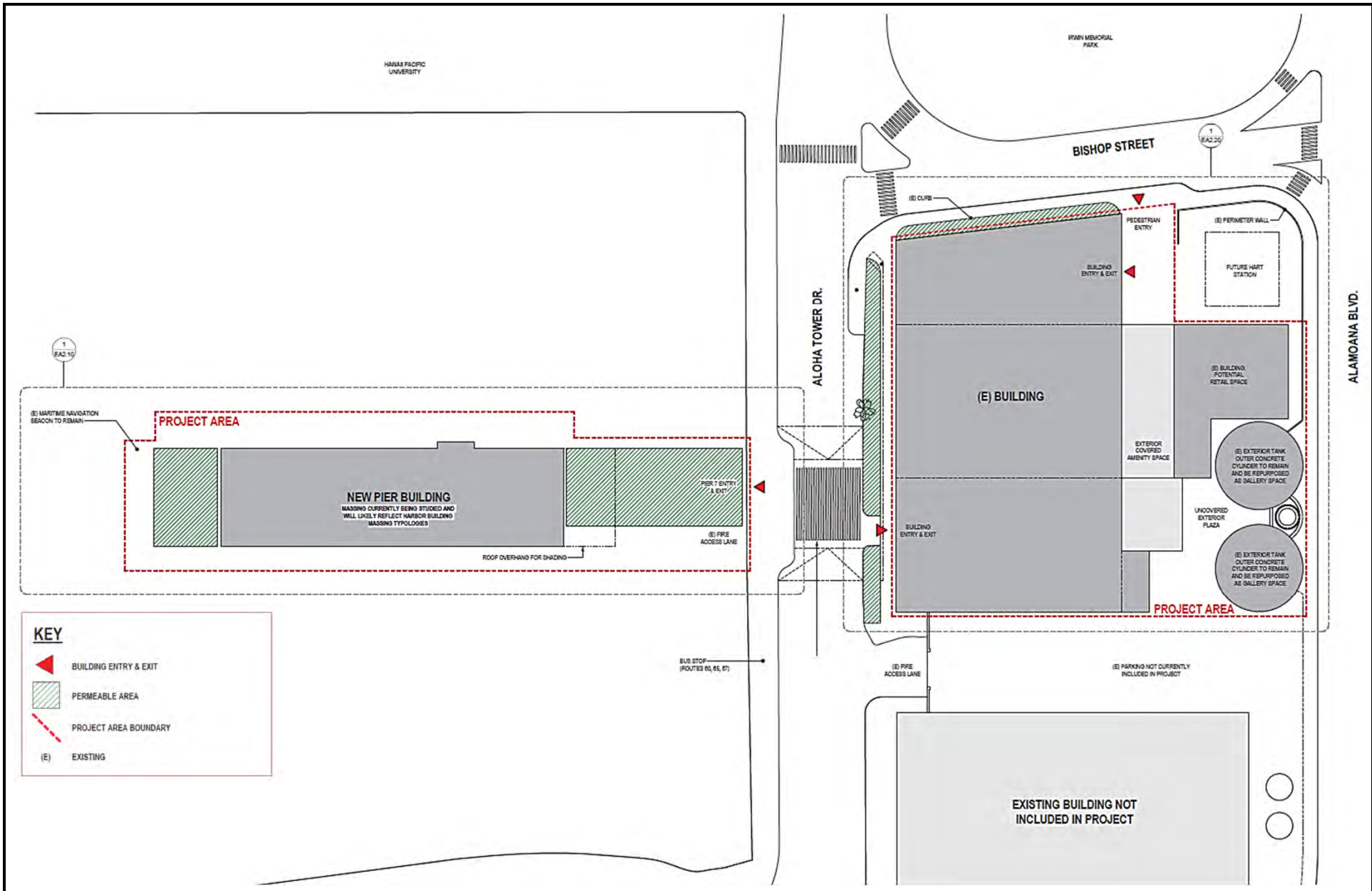
B. Project Characteristics

The proposed project entails redevelopment of portions of the existing Honolulu Power Plant building and Pier 7 to develop a garden and art museum with complementary amenities. On the northern portion of the project site, the interior of the existing Honolulu Power Plant building is expected to be renovated to include art gallery spaces, a hot shop for observing glass creation, and a bookstore/lobby. To the south, the existing Pier 7 structure is planned to be replaced with a new building to accommodate a garden with native Hawaiian vegetation, as well as a bookstore/lobby area with a bar and restaurant. In conjunction with the proposed project, a marked raised pedestrian crossing with curb extensions is expected to be installed along Aloha Tower Drive to facilitate pedestrian access between the two portions of the planned development. Parking for guests of the proposed Tradewinds Garden development is expected to be accommodated within the existing parking lots in the Aloha Tower Complex located west and east of the project site with access expected to continue being provided off Aloha Tower Drive via Fort Street, Bishop Street, and Richard Street. It should be noted that parking for staff and employees of the proposed project is not expected to be allocated on site. The proposed development is anticipated to be completed by Year 2026. See Figure 2 for the proposed site plan.

III. EXISTING TRAFFIC CONDITIONS

A. Area Roadway System

In the vicinity of the project site, Nimitz Highway is a two-way, State of Hawaii divided arterial generally oriented in the east-west direction. Near the northwest corner of the project site, Nimitz Highway intersects Bishop Street. At this signalized intersection, the eastbound approach along Nimitz Highway includes four through lanes and an exclusive right-turn lane, while the westbound approach includes four through lanes. Bishop Street is a City and County of Honolulu roadway generally oriented in the north-south direction and starts at the intersection with S. Beretania Street as a five-lane, one-way (southbound) roadway until it intersects Nimitz Highway where it transitions as a four-lane, two-way roadway. The



TRADEWINDS GARDEN

PROJECT SITE PLAN

FIGURE

2



southbound approach on Bishop Street includes two exclusive left-turn lanes, a through lane, and an exclusive right-turn lane while the northbound approach includes exclusive turning lanes.

East of the intersection with Bishop Street, Nimitz Highway intersects Alakea Street. At this signalized T-intersection, the eastbound approach along Nimitz Highway includes two exclusive left-turn lanes and three through lanes while the westbound approach includes three through lanes and an exclusive right-turn lane. It should be noted that there is signage at the intersection allowing U-turn maneuvers from both approaches of Nimitz Highway. Alakea Street is a predominantly four-lane, one-way (northbound) City and County of Honolulu roadway between Nimitz Highway and S. Beretania Street. At the intersection with Nimitz Highway, the Alakea Street leg of the intersection has 4 receiving lanes.

East of the intersection with Alakea Street, Nimitz Highway intersects Richards Street and Halekauwila Street. At this signalized intersection, the eastbound approach of Nimitz Highway includes an exclusive left-turn lane, two through lanes and a shared through and right-turn lane, while the westbound approach includes an exclusive left-turn lane and three through lanes. Richards Street is a City and County of Honolulu roadway generally oriented in the north-south direction and is comprised of 2 separate segments, north and south of Nimitz Highway. In the vicinity of the project, Richards Street is a one-way (southbound) roadway that provides access to the Aloha Tower Complex. At the intersection with Nimitz Highway, the Richards Street leg of the intersection includes a receiving lane. The north leg of the intersection is comprised of Halekauwila Street, a City and County of Honolulu roadway generally oriented in the east-west direction. At the intersection with Nimitz Highway, the Halekauwila Street leg of the intersection also has one receiving lane.

South of the intersection with Nimitz Highway, Richards Street intersects Aloha Tower Drive. At this unsignalized intersection, the southbound approach on Richards Street includes a stop-controlled shared lane that serves all turning movements. The northbound approach of the intersection is comprised of the access roadway for a parking lot for the Aloha Tower Complex. That approach includes a stop-controlled lane that serves left-and right-turn movements. Aloha Tower Drive is

a predominantly two-lane, two-way private roadway generally oriented in the east-west direction serving uses within the Aloha Tower Complex such as the Hawaii Pacific University (HPU), various commercial uses, and the complex's parking lots. In addition, field observations also indicate that the south side of the roadway is used for commercial bus loading/unloading for passengers associated with the Star of Honolulu Cruise Terminal located off Pier 8, as well as stops for the trolleys and public transit that serve the Aloha Tower Complex. At the intersection with Richards Street, the eastbound approach of Aloha Tower Drive includes a stop-controlled lane that serves through and right-turn movements while the westbound leg of the intersection includes a receiving lane.

West of the intersection with Richards Street, Aloha Tower Drive intersects Bishop Street. At this unsignalized T-intersection, the eastbound approach includes an exclusive left-turn lane and a through lane while the westbound approach includes one lane that serves through and right-turn movements. The southbound approach of Bishop Street includes a stop-controlled shared left- and right-turn lane and an exclusive right-turn lane.

West of the intersection with Bishop Street, Nimitz Highway intersects Fort Street Mall. At this signalized T-intersection, the eastbound approach of Nimitz Highway includes three through lanes and a shared through and right-turn lane while the westbound approach includes four through lanes. Fort Street is a City and County of Honolulu roadway that is generally oriented in the north-south direction. North of Nimitz Highway, Fort Street becomes a pedestrian mall through the downtown area. The northbound approach of Fort Street includes two exclusive turning lanes.

B. Traffic Volumes and Conditions

1. General

a. Field Investigation

Field investigations were conducted on February 1, 2024 and consisted of manual turning movement count surveys during the morning peak hours between 6:00 AM and 9:00 AM and the afternoon peak hours between 3:00 PM and 6:00 PM at the following intersections:

- Nimitz Highway and Bishop Street
- Nimitz Highway, Halekauwila Street, and Bishop Street
- Richards Street and Aloha Tower Drive
- Aloha Tower Drive and Bishop Street
- Nimitz Highway and Fort Street

Appendix A includes the traffic count data.

b. Capacity Analysis Methodology

The highway capacity analysis performed in this study is based upon procedures presented in the “Highway Capacity Manual”, Transportation Research Board, 2000, and the “Synchro” software, developed by Trafficware. It should be noted that the HCM 2010 and HCM 6 methodology is available with the Synchro software; however, analysis conducted using those methodologies is unable to accommodate all the lane configurations of the study intersections. The analysis is based on the concept of Level of Service (LOS) to identify the traffic impacts associated with traffic demands during the peak periods of traffic.

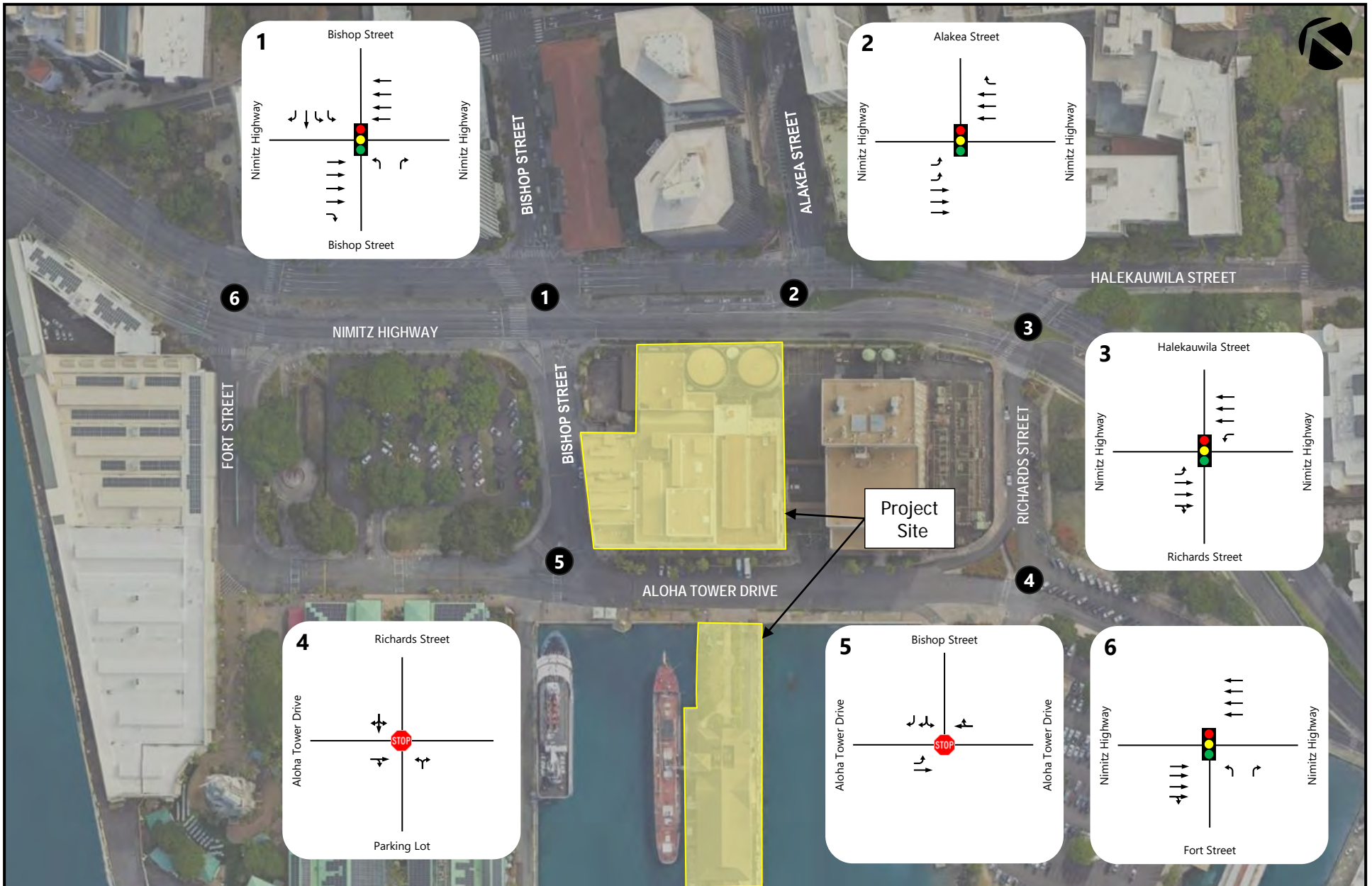
LOS is a quantitative and qualitative assessment of traffic operations. Levels of Service are defined by LOS “A” through “F”; LOS “A” representing ideal or free-flow traffic operating conditions and LOS “F” unacceptable or potentially congested traffic operating conditions.

“Volume-to-Capacity” (v/c) ratio is another measure indicating the relative traffic demand to the road carrying capacity. A v/c ratio of one (1.00) indicates that the roadway is operating at or near capacity. A v/c ratio of greater than 1.00 indicates that the traffic demand exceeds the road’s carrying capacity. The LOS definitions are included in Appendix B.

2. Existing Peak Hour Traffic

a. General

Figures 3 and 4 show the existing lane configurations and peak period traffic volumes. The AM peak hour of traffic generally occurs



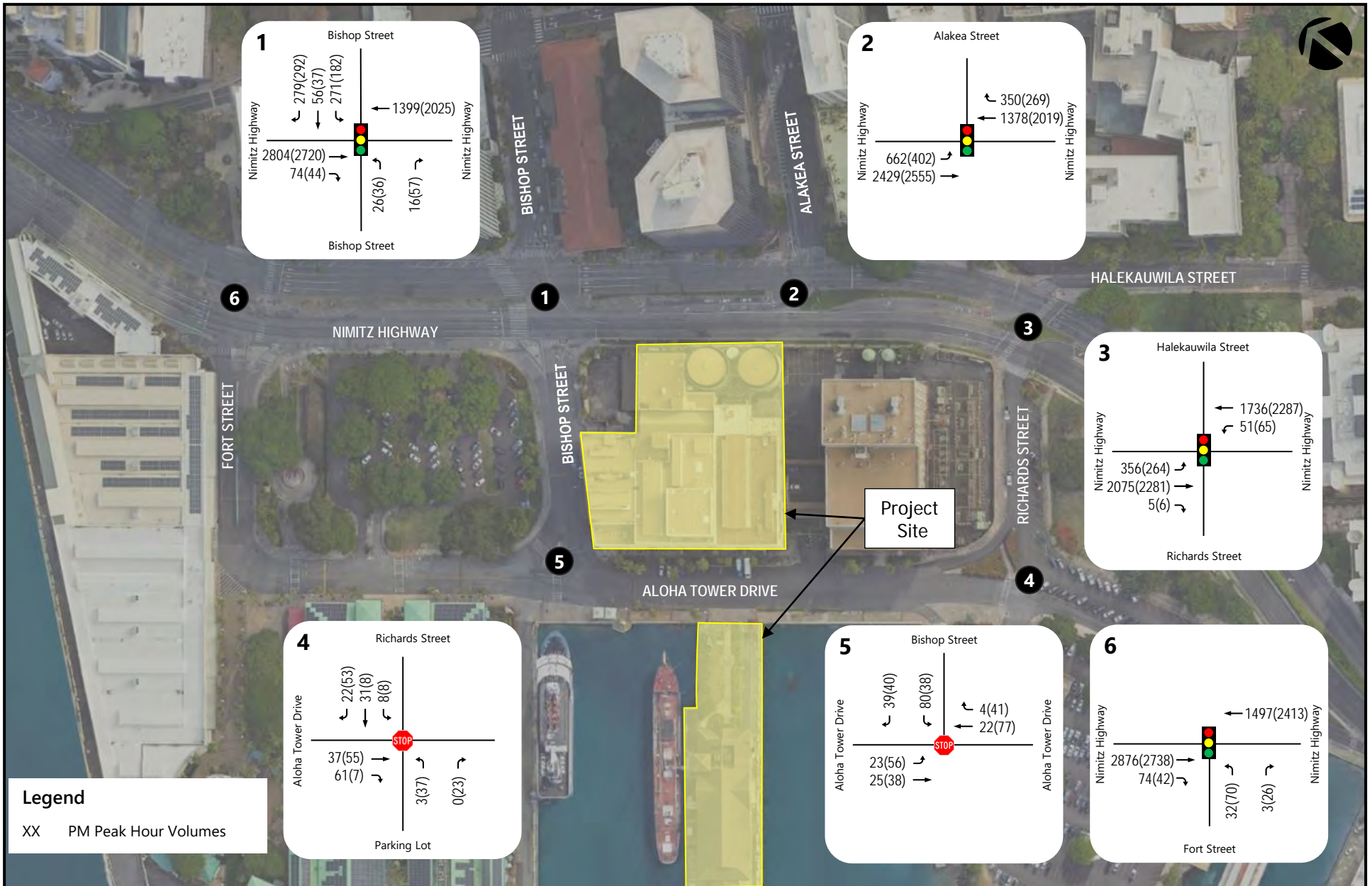
TRADEWINDS GARDEN

EXISTING LANE CONFIGURATIONS

FIGURE

3





TRADEWINDS GARDEN

EXISTING PEAK HOURS OF TRAFFIC

FIGURE

4



between 7:15 AM and 8:15 AM while the PM peak hour of traffic generally occurs between 4:30 PM and 5:30 PM. Although the peak hours of traffic generally occur at the same periods at each of the study intersections, the absolute commuter peak hour time periods for each intersection may differ slightly. The analysis is based on the absolute commuter peak hour time periods for each intersection to identify the traffic impacts resulting from the proposed project. LOS calculations are included in Appendix C.

b. Nimitz Highway and Bishop Street

At the intersection with Bishop Street, Nimitz Highway carries 2,878 vehicles eastbound and 1,399 vehicles westbound during the AM peak period. During the PM peak period, the overall traffic volume is higher with 2,764 vehicles traveling eastbound and 2,025 vehicles traveling westbound. Both approaches operate at LOS “A” during both peak periods. Traffic queues periodically formed along the highway approaches of the intersection. Average queue lengths of 7-9 vehicles were observed on the eastbound approach while average queue lengths of 10-12 vehicles were observed on the westbound approach during both peak periods. Field observations indicate that queueing along the westbound direction of the highway are influenced by the queues that form at the downstream intersection with Fort Street with these queues occasionally extending through the intersections with Bishop Street, Alakea Street, and Richards Street. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

The Bishop Street approaches of the intersection carries 42 vehicles northbound and 606 vehicles southbound during the AM peak period. During the PM peak period, overall traffic volume is slightly less with 93 vehicles traveling northbound and 511 vehicles traveling southbound. The northbound approach operates at LOS “D” during both peak periods while the southbound approach operates at LOS “D”

and LOS “E” during the AM and PM peak periods, respectively. The low levels of service at these approaches are influenced by the high volume of traffic along the highway, thereby requiring a greater proportion of the green time to be allocated to facilitate throughput along the highway. Traffic queues occasionally formed on the Bishop Street approaches with the most significant queueing occurring along the southbound approach. Average queue lengths of 6-8 vehicles were observed on that approach during both peak periods. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Crosswalks are provided across Bishop Street on the north and south sides of the intersection, as well as across Nimitz Highway on the west side of the intersection. During the AM peak period, 28 pedestrians were observed crossing Bishop Street on the north side of the intersection, while 58 pedestrians were observed crossing Nimitz Highway on the west side of the intersection. During the PM peak period, 24 pedestrians and 1 pedestrian were observed crossing Bishop Street on the north and south sides of the intersection, respectively, while 73 pedestrians were observed crossing Nimitz Highway on the west side of the intersection.

c. Nimitz Highway and Alakea Street

At the intersection with Alakea Street, Nimitz Highway carries 3,091 vehicles eastbound and 1,728 vehicles westbound. During the PM peak period, overall traffic volume is higher with 2,957 vehicles traveling eastbound and 2,288 vehicles traveling westbound. The eastbound and westbound approaches of the intersection operate at LOS “A” during both peak periods. Traffic queues periodically formed along the highway approaches of the intersection with the most significant queueing occurring along the westbound direction during both peak periods. As previously discussed, these queues are influenced by queues that form at the downstream intersections during

both peak periods. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

A crosswalk is provided across Alakea Street on the north side of the intersection. During the AM peak period, 37 pedestrians were observed crossing Alakea Street on the north side of the intersection. During the PM peak period, 39 pedestrians were observed crossing at the same location.

d. Nimitz Highway, Richards Street, and Halekauwila Street

At the intersection with Richards Street and Halekauwila Street, Nimitz Highway carries 2,436 vehicles eastbound and 1,787 vehicles westbound. During the PM peak period, traffic volumes are higher with 2,551 vehicles traveling eastbound and 2,352 vehicles traveling westbound. The eastbound approach operates at LOS “B” and LOS “A” during the AM and PM peak periods, respectively while the westbound approach operate at LOS “B” during both peak periods. Traffic queues periodically formed along the highway approaches of the intersection with the most significant queueing occurring along the westbound direction. As previously discussed, westbound queues from the downstream intersection with Fort Street occasionally extended to this intersection. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Crosswalks are provided across Nimitz Highway on the west side of the intersection, as well as across Richards Street and Halekauwila Street on the south and north sides of the intersection, respectively. During the AM peak period, 42 pedestrians were observed crossing Nimitz Highway on the west side of the intersection, 1 pedestrian was observed crossing Richards Street on the south side of the intersection, and 62 pedestrians were observed crossing Halekauwila Street on the north side of the intersection. During the PM peak period, 69 pedestrians were observed crossing Nimitz Highway on the west side of the intersection, while 7

pedestrians and 60 pedestrians were observed crossing Richards Street and Halekauwila Street, respectively.

e. Richards Street and Aloha Tower Drive

At the intersection with Aloha Tower Drive, Richards Street carries 61 vehicles southbound while the parking access carries 3 vehicles northbound. During the PM peak period, traffic volumes are higher with 69 vehicles traveling southbound and 60 vehicles northbound. Both approaches the southbound approach along Richards Street and the northbound approach along the parking access operate at LOS “A” during both peak periods. Minimal queues were observed along the northbound and southbound approaches of the intersection.

The Aloha Tower Drive approach of the intersection carries 99 vehicles eastbound during the AM peak period and 62 vehicles during the PM peak period. The eastbound approach operates at LOS “A” during both peak periods. Minimal queues were observed on the eastbound approach during both peak periods.

Crosswalks are provided across Richards Street on the south side of the intersection, as well as across Aloha Tower Drive on the west side of the intersection. During the AM peak period, 50 pedestrians were observed crossing Richards Street on the south side of the intersection, while 25 pedestrians were observed crossing Aloha Tower Drive on the east side of the intersection. During the PM peak period, 118 pedestrians were observed crossing Richards Street on the south side of the intersection, while 46 pedestrians were observed crossing Aloha Tower Drive on the east side of the intersection. It should be noted that although there are currently no marked crosswalks provided on the north and east sides of the intersection, 4 pedestrians were observed crossing Richards Street on the north side of the intersection and 4 pedestrians were observed crossing Aloha

Tower Drive on the east side of the intersection during the AM peak period.

f. Aloha Tower Drive and Bishop Street

At the intersection with Bishop Street, Aloha Tower Drive carries 26 vehicles westbound and 48 vehicles eastbound during the AM peak period. During the PM peak period, traffic volumes are higher with 118 vehicles traveling westbound and 94 vehicles traveling eastbound. The eastbound approach operates at LOS “A” during both peak periods. Minimal queues were observed on the Aloha Tower Drive approaches of the intersection throughout most of the duration of the field investigations. However, it should be noted that traffic operations in the vicinity of this intersection are influenced by the operations associated with the adjacent Star of Honolulu Cruise Terminal during the PM peak period. Dinner cruises from this terminal depart at 5:30 PM with passengers arriving and embarking within the hour preceding launch. During this arrival period, a portion of the north side of Aloha Tower Drive west of Bishop Street is coned off for valet operations while the south side of Aloha Tower Drive east of Bishop Street is used for commercial bus and rideshare loading/unloading for cruise passengers. Field observations indicate that queues associated with the valet operations are generally minimal (no more than 2-3 vehicles in queue on average) with sufficient width along the roadway to allow through vehicles to bypass the queues for valet parking. East of Bishop Street, a maximum queue length of 3 commercial buses was observed, occupying majority of the available curbside. These queues dissipated quickly after the cruise ship’s departure.

The Bishop Street approach of the intersection carries 119 vehicles southbound during the AM peak period and 78 vehicles southbound during the PM peak period. The southbound approach

operates at LOS “A” during both peak periods. Minimal queues were observed on the southbound approach during both peak periods.

Crosswalks are provided across Aloha Tower Drive on the west side of the intersection, as well as across Bishop Street on the north side of the intersection. During the AM peak period, 40 pedestrians were observed crossing Aloha Tower Drive on the west side of the intersection, while 10 pedestrians were observed crossing Bishop Street on the north side of the intersection. During the PM peak period, 60 pedestrians were observed crossing Aloha Tower Drive on the west side of the intersection, while 5 pedestrians were observed crossing Bishop Street on the north side of the intersection. It should be noted that although there are no marked crosswalks on the east side of the intersection, 2 pedestrians were observed crossing at this location during the AM peak period.

g. Nimitz Highway and Fort Street

At the intersection with Fort Street, Nimitz Highway carries 2,950 vehicles eastbound and 1,497 vehicles westbound during the AM peak period. During the PM peak period, the overall traffic volume is higher with 2,780 vehicles traveling eastbound and 2,413 vehicles traveling westbound. The eastbound approach operates at LOS “B” during both peak periods while the westbound approach operates at LOS “A” during both peak periods. Traffic queues periodically formed on the highway approaches of the intersection with the most significant queuing occurring during the PM peak period. Average queue lengths of 10-12 vehicles were observed on the eastbound approach during this peak period. As previously discussed, queues in the westbound occasionally extended to the upstream intersections. Most of these queues were observed clearing the intersection after each traffic signal cycle change.

Fort Street carries 35 vehicles northbound during the AM peak period and 96 vehicles during the PM peak period. The northbound

approach operates at LOS “D” during both peak periods. Although the northbound approach carries relatively low traffic volumes during both peak periods, the low levels of service are influenced by the high volume of traffic along the highway, thereby requiring more green time to be allocated to those movements. Minimal traffic queues were observed on the northbound approach with average queue lengths of 2-3 vehicles observed during both peak periods.

Crosswalks are provided across Fort Street on the south side of the intersection and across Nimitz Highway on the east side of the intersection. During the AM peak period, 6 pedestrians were observed crossing Fort Street on the south side of the intersection, while 23 pedestrians were observed crossing Nimitz Highway on the east side of the intersection. During the PM peak period, 6 pedestrians were observed crossing Fort Street on the south side of the intersection, while 47 pedestrians were observed crossing Nimitz Highway on the south side of the intersection.

IV. PROJECTED TRAFFIC CONDITIONS

A. Site-Generated Traffic

1. Trip Generation Methodology

The trip generation methodology used in this study is based upon generally accepted techniques developed by the Institute of Transportation Engineers (ITE) and published in “Trip Generation, 10th Edition,” 2021. The Tradewinds Garden development is expected to operate daily between 10:00 AM and 8:00 PM during non-peak months (Spring, Fall, and Winter) and between 8:00 AM and 8:00 PM during peak months (Summer). For the purpose of this report, the traffic assessment is based on a non-summer period since the traffic volumes along the adjacent roadways are higher when schools are in session. As such, no additional trips associated with the proposed project are expected to overlap with the AM peak period and the subsequent analysis focuses primarily on the PM peak period.

Site generated trips resulting from the proposed project are expected to be attributed to guests and employees. Based on projections provided by the developer that are consistent with other similar entertainment attractions in other states, ticket sales during peak months (Summer) are anticipated to be approximately 66,500 tickets per month with an hourly demand of 400 tickets. During off-season months (Spring, Fall, and Winter), monthly ticket sales are expected to be approximately 42,750 tickets, representing approximately 64% of the peak summer month's ticket sales. Applying that peak/non-peak ratio to the hourly demand results in an anticipated demand of approximately 257 tickets per hour during non-peak months. On average, guests to the Tradewinds Garden development are expected to spend approximately 2-3 hours on site. As such, guest departures are expected to be distributed over time with only a portion of the arrivals expected to leave within the same peak hour. The projected rate of departures was based on the assumed duration of visits and available data on other entertainment venues with similar characteristics.

The trip generation characteristics applied to the PM peak period also incorporates provisions for multi-modal trips consistent with the methodology developed by ITE. Multi-modal trips are trips made utilizing non-motorized modes of travel such as walking and biking, as well as trips made using transit. The prevailing mode split from the study "Commuting Patterns in Hawaii" published by the State of Hawaii Department of Business, Economic Development, and Tourism (DBEDT) was taken into consideration along with the existing limited access to alternative modes of transportation from the project site. Although pedestrian access is facilitated through improved sidewalks, curb ramps, crosswalks, and signalized intersection crossings, there are no designated bicycle facilities in the immediate vicinity and transit access in the immediate vicinity of the project is generally limited. Although the closest bus stop for eastbound passengers is located within the Aloha Tower Complex, the nearest stop for westbound passengers is located east of the intersection of Nimitz Highway and Halekauwila Street. It should be noted

that most of the east-west transit service through downtown Honolulu utilizes regional roadways located further north (i.e., Queen Street, South King Street, etc). The westbound stop near the intersection with Halekauwila Street is served by Routes 60, 65, 67, and 88A. Public transit services are supplemented by trolley service within the Aloha Tower Complex provided by the Waikiki Trolley (Red Line) with a trolley stop located on Aloha Tower Drive adjacent to the project site. As such, the majority of guests to the Tradewinds Garden development are expected to access the project site via a vehicular mode (includes private vehicles, rideshare, tour buses/trolleys, etc).

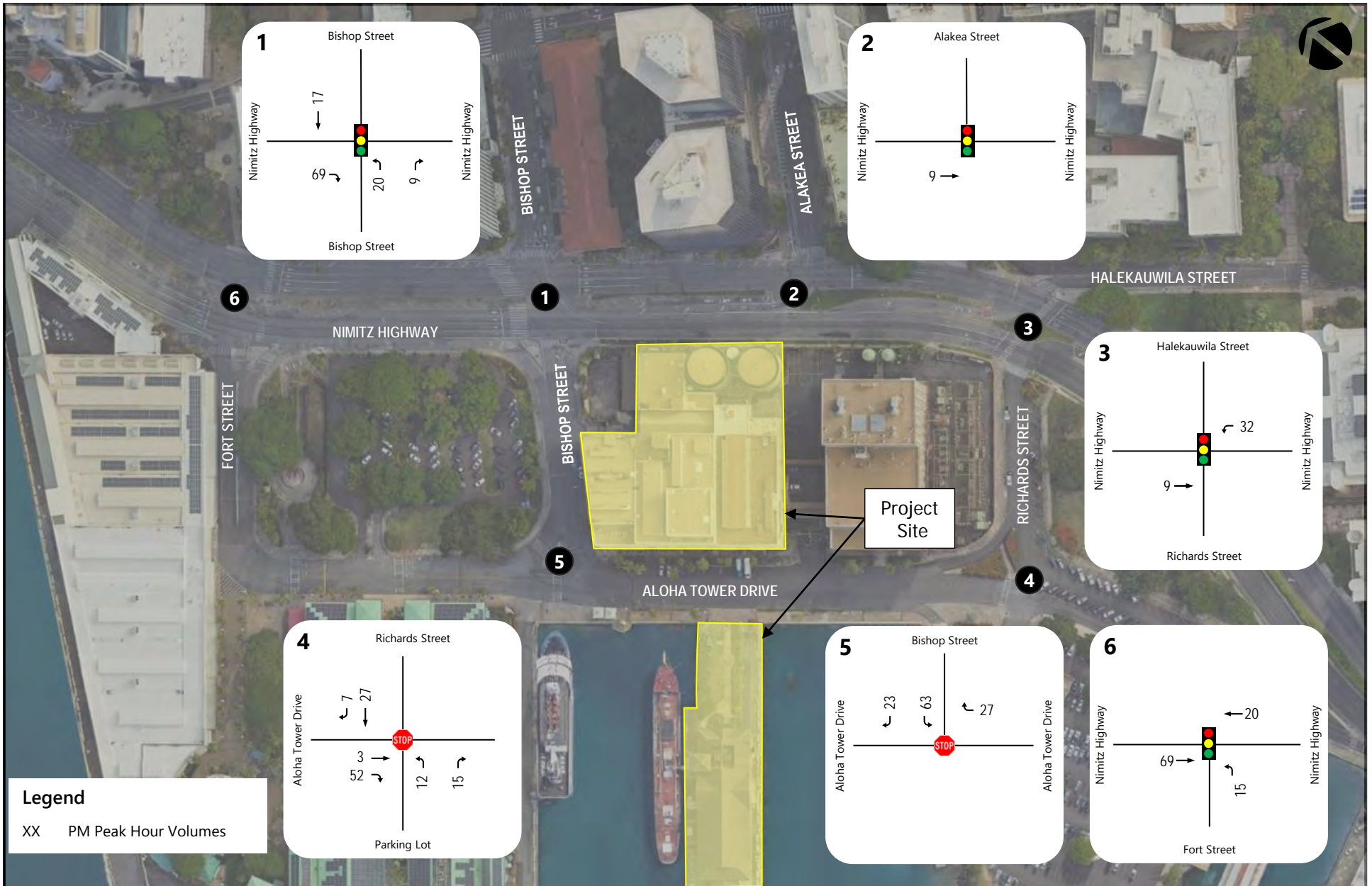
In addition, as previously discussed, no parking will be allocated on-site for employees with employees expected to be either dropped-off/picked-up from the project site or use alternative modes of transportation. Based on information provided by the developer, a total of 40 employees are expected to be on site at any point in time with their shifts occurring between 9:00 AM and 4:00 PM (Shift 1) or between 3:30 PM and 8:30 PM (Shift 2). As such, the arrivals of employees in Shift 2 are expected to overlap with the PM peak period. Table 1 summarizes the trip generation characteristics related to the proposed Tradewinds Garden development based on anticipated ticket sales, employee shifts, modal splits, and average vehicular occupancy as applied to the AM and PM peak hours of traffic.

Table 1: Peak Hour Trip Generation

GARDEN AND GLASS MUSEUM		
		PROJECTED TRIP ENDS
AM PEAK	ENTER	-
	EXIT	-
	TOTAL	-
PM PEAK	ENTER	118
	EXIT	61
	TOTAL	179

2. Trip Distribution

Figure 5 shows the distribution of site-generated traffic during the AM and PM peak periods. Parking for the proposed project is expected to be



TRADEWINDS GARDEN

DISTRIBUTION OF SITE-GENERATED VEHICLES WITH PROJECT

FIGURE

5



accommodated within the existing parking lots in the Aloha Tower Complex with access provided off Aloha Tower Drive. The directional distribution of site-generated vehicles was based on the existing distribution of traffic along Nimitz Highway. As such, 59% of trips were assumed to be traveling to/from the west and 41% of trips were assumed to be traveling to/from the east during the PM peak period. Site-generated vehicles were distributed at the study intersections based upon their assumed origin/destination, allowed turning movements, and the relative convenience of the available routes.

B. Through-Traffic Forecasting Methodology

The travel forecast is based upon historical traffic count data obtained from the State DOT, Highways Division at survey stations located along Nimitz Highway in the vicinity of the project site. Although the historical data indicates relatively stable traffic volumes along Nimitz Highway, an annual traffic growth rate of approximately 2.0% was conservatively assumed in the project vicinity given the ongoing in-fill developments occurring further east and west of the project site. Using 2024 as the Base Year, a growth rate factor of 1.04 was applied to the existing traffic demands along the roadways in the vicinity to achieve the projected Year 2026 traffic demands.

C. Other Considerations

The City and County of Honolulu is currently constructing a fixed guideway transit system that will extend from East Kapolei to Honolulu, thereby providing an alternate mode of travel through the area. Within the study area, the guideway alignment is expected to run along Nimitz Highway with the Bishop Street transit station to be in close proximity to the project site. In conjunction with the planned transit system, bus routes will be modified to provide connections to/from the transit station. At this writing, the planned transit system is expected to be completed by Year 2031 or later, several years after the completion of the proposed Tradewinds Garden development. As such, this project was not incorporated into the without project conditions.

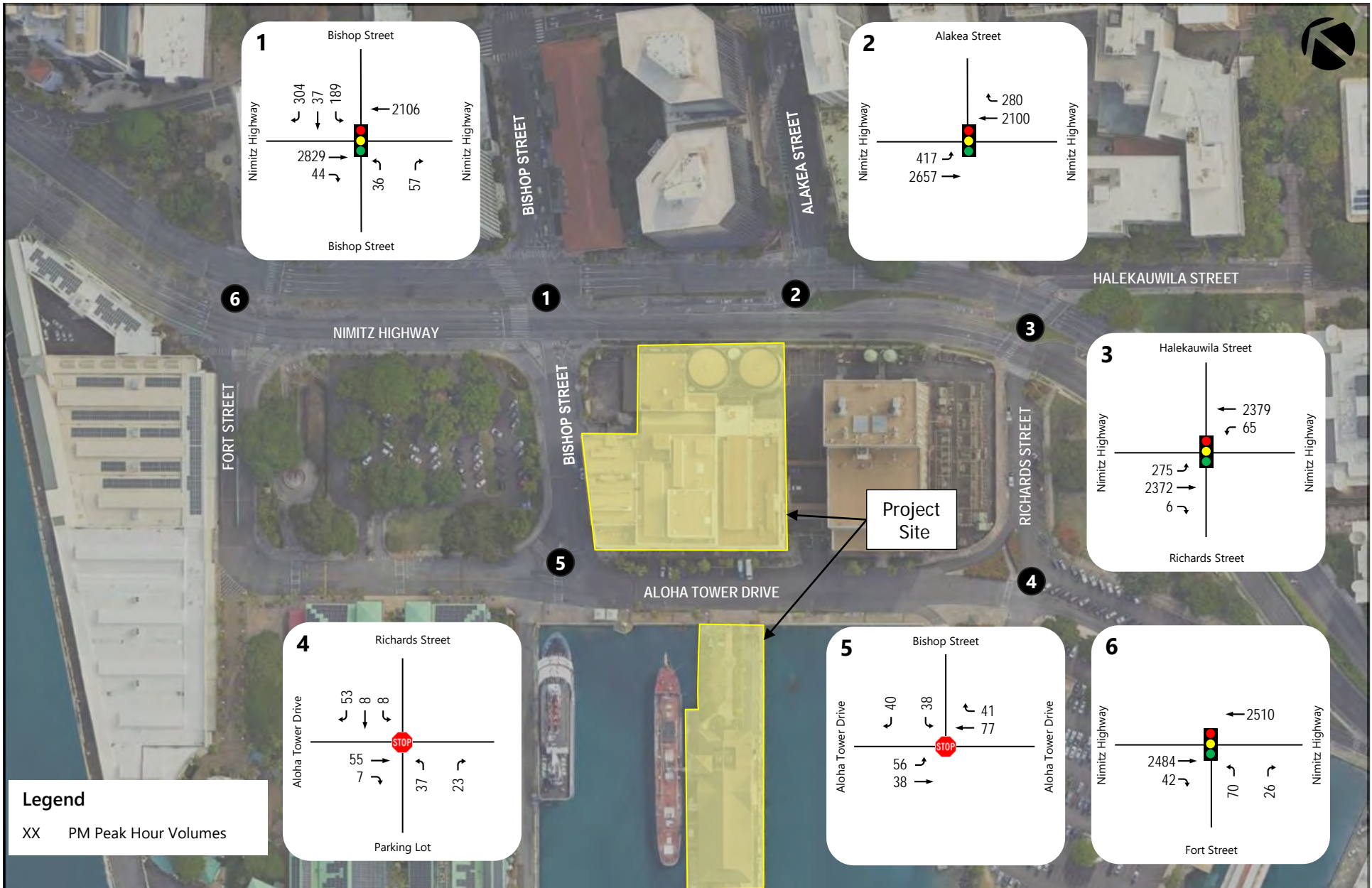
D. Total Traffic Volumes Without Project

The projected Year 2026 AM and PM peak period traffic volumes and operating conditions without the proposed Tradewinds Garden development are shown in Figure 6 and summarized in Table 3. As previously mentioned, the Year 2026 without project conditions incorporate ambient growth in traffic. In addition, no site-generated traffic are expected to overlap with the AM peak period and as such, the analysis focuses primarily on the PM peak period. The existing levels of service are provided for comparison purposes. LOS calculations are included in Appendix D.

Table 3: Existing and Projected Year 2026 (Without Project) LOS Traffic Operating Conditions

Intersection	Approach/ Critical Movement	PM	
		Exist	Year 2026 w/o Proj
Nimitz Hwy/ Bishop St	Eastbound	A	A
	Westbound	A	A
	Northbound	D	D
	Southbound	E	E
Nimitz Hwy/ Alakea St	Eastbound	A	A
	Westbound	A	A
Nimitz Hwy/ Richards St/ Halekauwila St	Eastbound	A	A
	Westbound	B	B
Richards St/ Aloha Tower Dr	Westbound	A	A
	Northbound	A	A
	Southbound	A	A
Aloha Tower Dr/ Bishop St/	Westbound	A	A
	Southbound	A	A
Nimitz Hwy/ Fort St	Eastbound	B	B
	Westbound	A	A
	Northbound	D	D

Under Year 2026 without project conditions, traffic operations are expected to remain similar to existing conditions despite ambient growth in traffic. Along Nimitz Highway, all the approaches at the intersection with Alakea Street and



TRADEWINDS GARDEN

YEAR 2026 PM PEAK HOUR OF TRAFFIC WITHOUT PROJECT

FIGURE

6



Richards/Halekauwila Street are expected to continue operating at LOS “B” or better during while those at Fort Street are expected to continue operating at LOS “D” or better during the PM peak period. At the intersection with Bishop Street, the highway approaches are expected to continue operating at LOS “A” during both peak periods while the side street approaches are expected to continue operating at LOS “E” or better during both peak periods. As previously discussed, traffic operations at this location are influenced by the high volume of traffic along the highway, thereby requiring more green time to be allocated to facilitate the through movements along the highway. The remaining study intersections are also expected to remain similar to existing conditions.

E. Total Traffic Volumes With Project

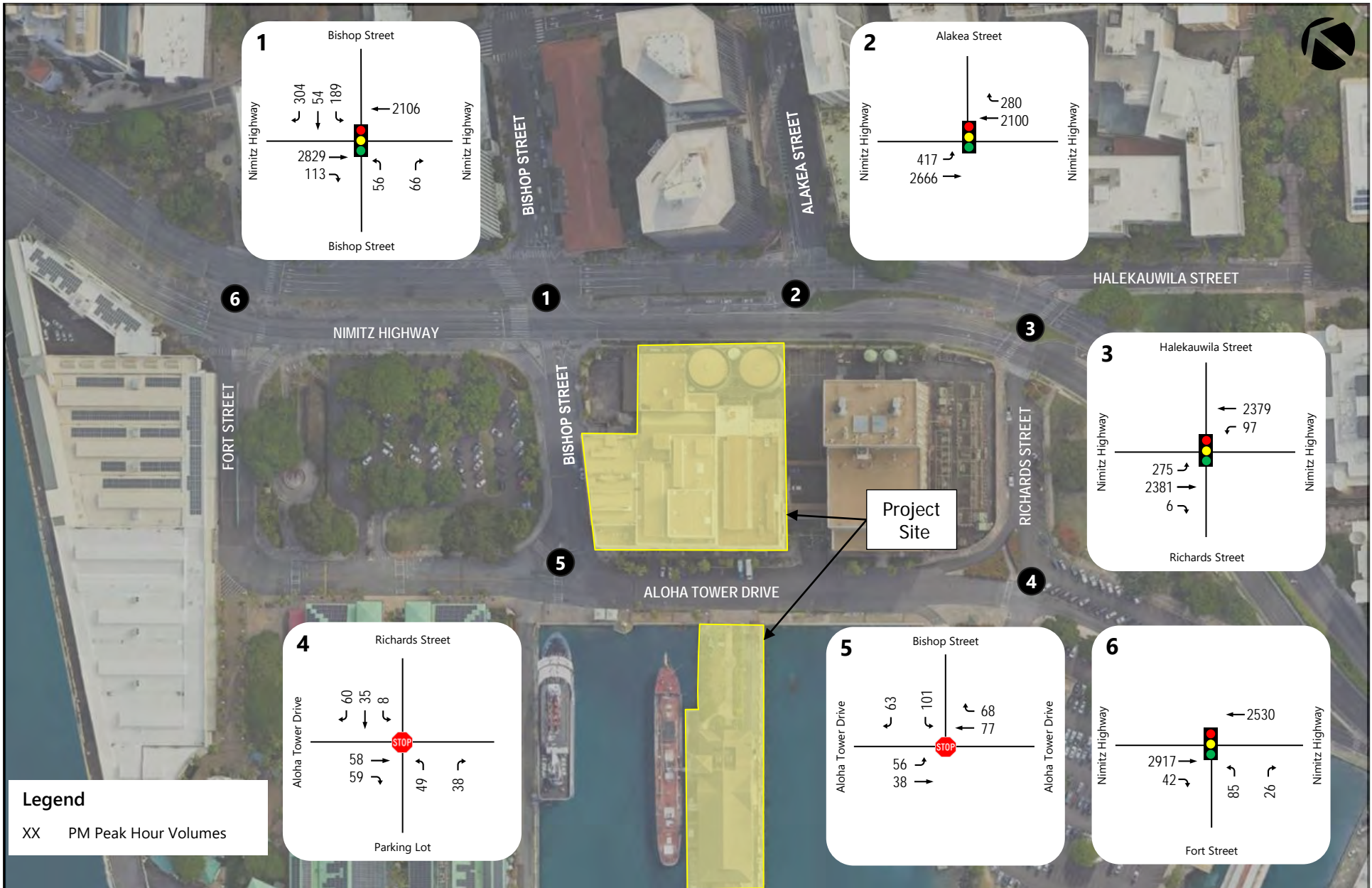
Figure 7 shows the Year 2026 cumulative AM and PM peak hour traffic conditions resulting from the projected external with the Tradewinds Garden development. The cumulative volumes consist of site-generated traffic superimposed over Year 2026 projected traffic demands. The traffic impacts resulting from the proposed project are addressed in the following section.

V. TRAFFIC IMPACT ANALYSIS

The projected Year 2026 cumulative AM and PM peak hour traffic conditions with the Tradewinds Garden development are summarized in Table 4. The existing and projected Year 2026 (Without Project) operating conditions are provided for comparison purposes. LOS calculations are included in Appendix E.

Table 4: Existing and Projected Year 2027 (Without and With Project) LOS Traffic Operating Conditions

Intersection	Approach	PM		
		Exist	Year 2026	
			w/out Proj	w/ Proj
Nimitz Hwy/ Bishop St	Eastbound	A	A	A
	Westbound	A	A	A
	Northbound	D	D	D
	Southbound	E	E	E



TRADEWINDS GARDEN

YEAR 2026 PM PEAK HOUR OF TRAFFIC WITH PROJECT

FIGURE

7



**Table 4: Existing and Projected Year 2027 (Without and With Project)
LOS Traffic Operating Conditions (Cont'd)**

Intersection	Approach	PM		
		Exist	Year 2026	
			w/out Proj	w/ Proj
Nimitz Hwy/ Alakea St	Eastbound	A	A	A
	Westbound	A	A	A
Nimitz Hwy/ Richards St/ Halekauwila St	Eastbound	A	A	A
	Westbound	B	B	B
Richards St/ Aloha Tower Dr	Westbound	A	A	A
	Northbound	A	A	A
	Southbound	A	A	A
Aloha Tower Dr /Bishop St	Eastbound	A	A	A
	Southbound	A	A	B
Nimitz Hwy/ Fort St	Eastbound	B	B	B
	Westbound	A	A	A
	Northbound	D	D	D

Under Year 2026 with project conditions, traffic operations in the vicinity are generally expected to remain similar to without project conditions despite the anticipated increases in traffic along the surrounding roadways. Along Nimitz Highway, traffic operations are generally expected to continue operating at similar levels of service with the highway approaches at Fort Street, Bishop Street, and Richards Street/Halekauwila Street expected to continue operating at LOS “B” or better during both peak periods. Along Aloha Tower Drive, traffic operations at the intersection with Richards Street are expected to continue operating at LOS “A” or better during both peak periods, while those at the intersection with Bishop Street are expected to operate at a slightly lower LOS “B” during the PM peak period. As previously discussed, traffic operations along this roadway are influenced by the operations associated with the adjacent cruise terminal with passenger loading/unloading activities occurring along this roadway. As such, given the adjacent uses, the preparation of a Transportation Management Plan should be considered with the proposed project to further minimize the project’s potential impact to the surrounding

roadways.. The levels of service at the remaining study intersection on Nimitz Highway are also expected to remain similar to without project conditions.

VI. MULTIMODAL FACILITIES

A. Pedestrian Facilities

1. Existing Conditions

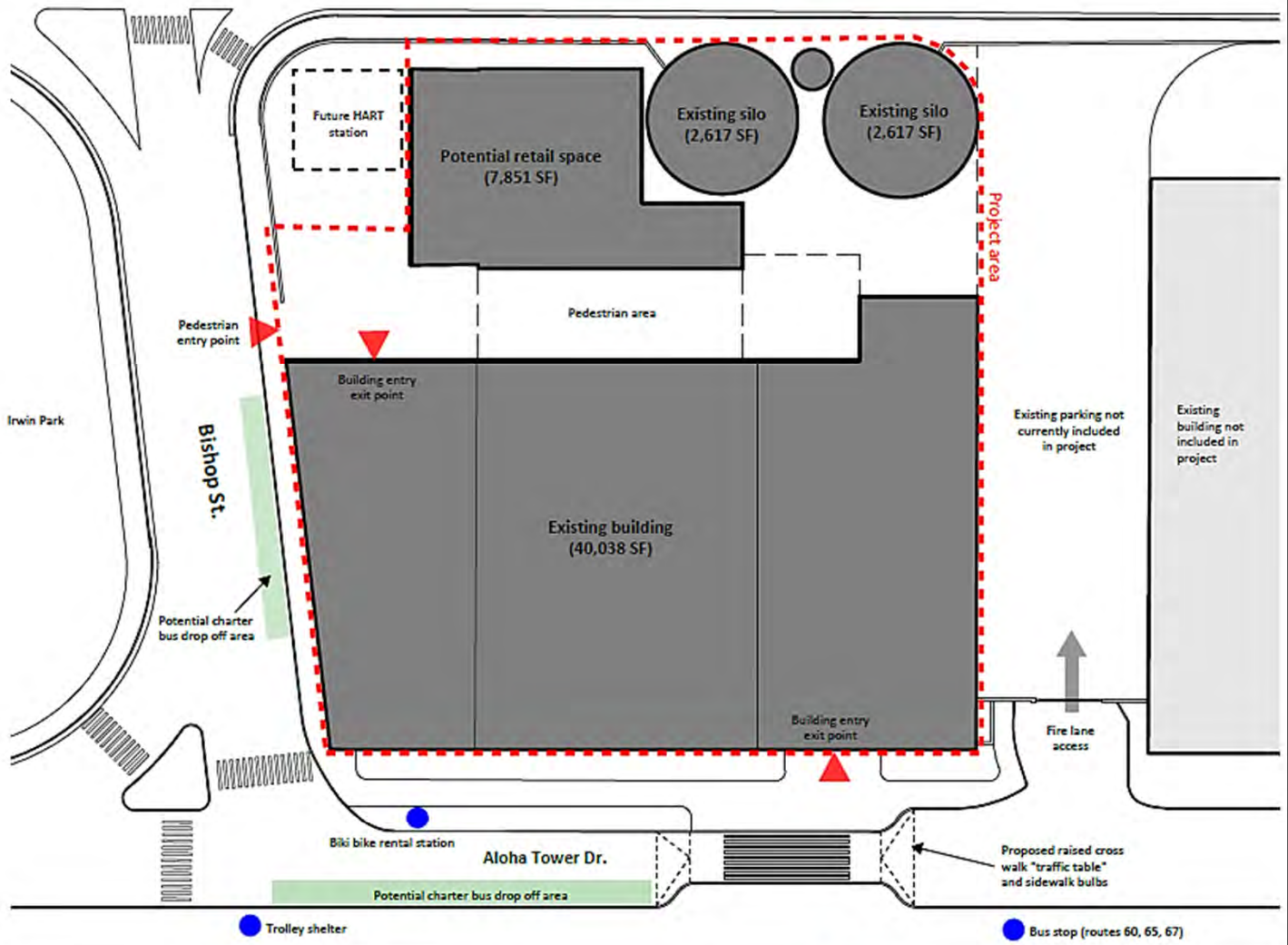
The Aloha Tower Complex includes a network of sidewalks and marked crosswalks along Aloha Tower Drive to facilitate access between the complex's parking lots, trolley/bus stops and destinations. Outside of the Aloha Tower Complex, designated pedestrian facilities such as sidewalks are provided along Nimitz Highway with designated pedestrian crossings at the signalized intersections with Fort Street, Bishop Street, Alakea Street, and Richard Street/Halekauwila Street. Further northwest of the project site, Fort Street transitions as a pedestrian mall providing convenient access through the downtown area. Although there are provided facilities, the overall pedestrian environment along Nimitz Highway is influenced by the high volume of vehicular traffic along this roadway.

2. With Project Conditions




a. General

Under with project conditions, existing pedestrian facilities along the roadways adjacent to the project are generally expected to be maintained/enhanced with the widening of the sidewalk area and the addition of landscaping treatments currently being considered along the project frontage on Bishop Street to enhance the attractiveness of the site. Pedestrian entry/exit points into northern portion of the project site is expected to be provided along Aloha Tower Drive and Bishop Street while access to the Pier 7 portion of the project is planned off Aloha Tower Drive. Figure 8 shows the proposed circulation associated with the project. In addition, in conjunction with the proposed project, a raised midblock crossing with curb extensions along Aloha Tower Drive is expected to be provided to facilitate access between the planned uses north and south of that

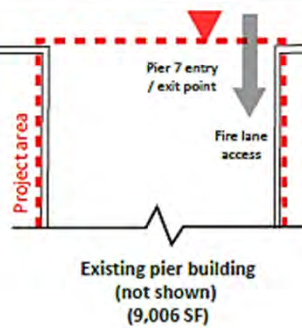
Ala Moana Blvd.



Key

-  Building entry exit point.
-  Transit location
-  Project area

Note that SF areas indicated are building footprint



TRADEWINDS GARDEN
CIRCULATION PLAN

FIGURE
8

roadway. It should be noted that the addition of this improvement is expected to reduce the existing curbside width along this roadway. Given the existing use of Aloha Tower Drive as a loading/unloading area for the adjacent cruise services and with bus and trolley stops located in the vicinity of the planned midblock crossing, an assessment of this crossing was conducted as detailed below.

b. Crossing Assessment Methodology

The “Guidelines for Pedestrian Crossing Treatments,” an evaluation tool to determine pedestrian crossing treatments at unsignalized intersections. The framework for this assessment is outlined in the “National Cooperative Highway Research Program (NCHRP) Report 562: Improving Pedestrian Safety at Unsignalized Crossings,” published in 2006. The guidelines are applied via two different worksheets based on a series of variables (i.e. pedestrian peak hour volumes, pedestrian delay) to determine whether or not the subject crossing meets a pre-determined threshold, with recommended treatments if the threshold is satisfied.

c. Crossing Assessment

The number of anticipated pedestrian crossings used for the purpose of analysis was determined based on guests traveling between the north and south portions of the project site that straddle Tower Drive. With the proposed project, approximately 514 pedestrian crossings per hour are expected at the midblock crossing. Taking into account the projected pedestrian and conflicting vehicular traffic along Aloha Tower Drive, the guidelines in the NCHRP indicates that in addition to providing a marked crossing, active or enhanced crossing treatments should be implemented. It should be noted that this recommendation is consistent with the planned improvements associated with the crossing which includes a raised crosswalk with curb extensions. In addition, other enhancements/high visibility treatments should also be considered. These include in-street crossing

signs, high visibility signs/markers and advanced stop/yield lines. However, as previously discussed, the curblineline on the south side of Aloha Tower Drive is used as passenger loading/unloading for the commercial buses that serve the Star of Honolulu Cruise Terminal. There are also stops for the Waikiki Trolley and The Bus located along this roadway. During field investigations, a maximum queue of 3 commercial buses were observed, occupying majority of the available curbside. As such, coordination with the existing users of this roadway is critical during the design phase of the midblock crossing since the addition of this crossing may impact their existing operations.

B. Bicycle Facilities

1. Methodology

Bicycle Level of Traffic Stress (LTS) is a metric developed by the Mineta Transportation Institute used to classify a roadway segment or intersection. The LTS ranking system is based on the amount of traffic stress imposed on cyclists based on variables such as street width, prevailing vehicle speed, and average daily traffic volumes. The Level of Traffic Stress ranges from 1 to 4 and can be assessed for a given segment or intersection via six tables provided by the Mineta Transportation Institute. The general descriptions of the LTS levels are as follows:

- LTS 1: Characterized by strong separation from all except low speed, low volume traffic. Simple crossings. Suitable for children.
- LTS 2: Except in low speed/low volume traffic situations, cyclists have their own place to ride that keeps them from having to interact with traffic except at formal crossings. There is a physical separation from higher speed and multilane traffic. Crossings are easy for an adult to navigate. This refers to a level of traffic stress that most adults can tolerate, particularly those sometimes classified as interested but concerned.
- LTS 3: Involves interaction with moderate speed or multilane traffic, or close proximity to higher speed traffic. Refers to a level of traffic stress acceptable to those classified as enthused and confident.

- LTS 4: Involves interaction with higher speed traffic or close proximity to high-speed traffic. Refers to a level of stress acceptable only to those classified as strong and fearless.

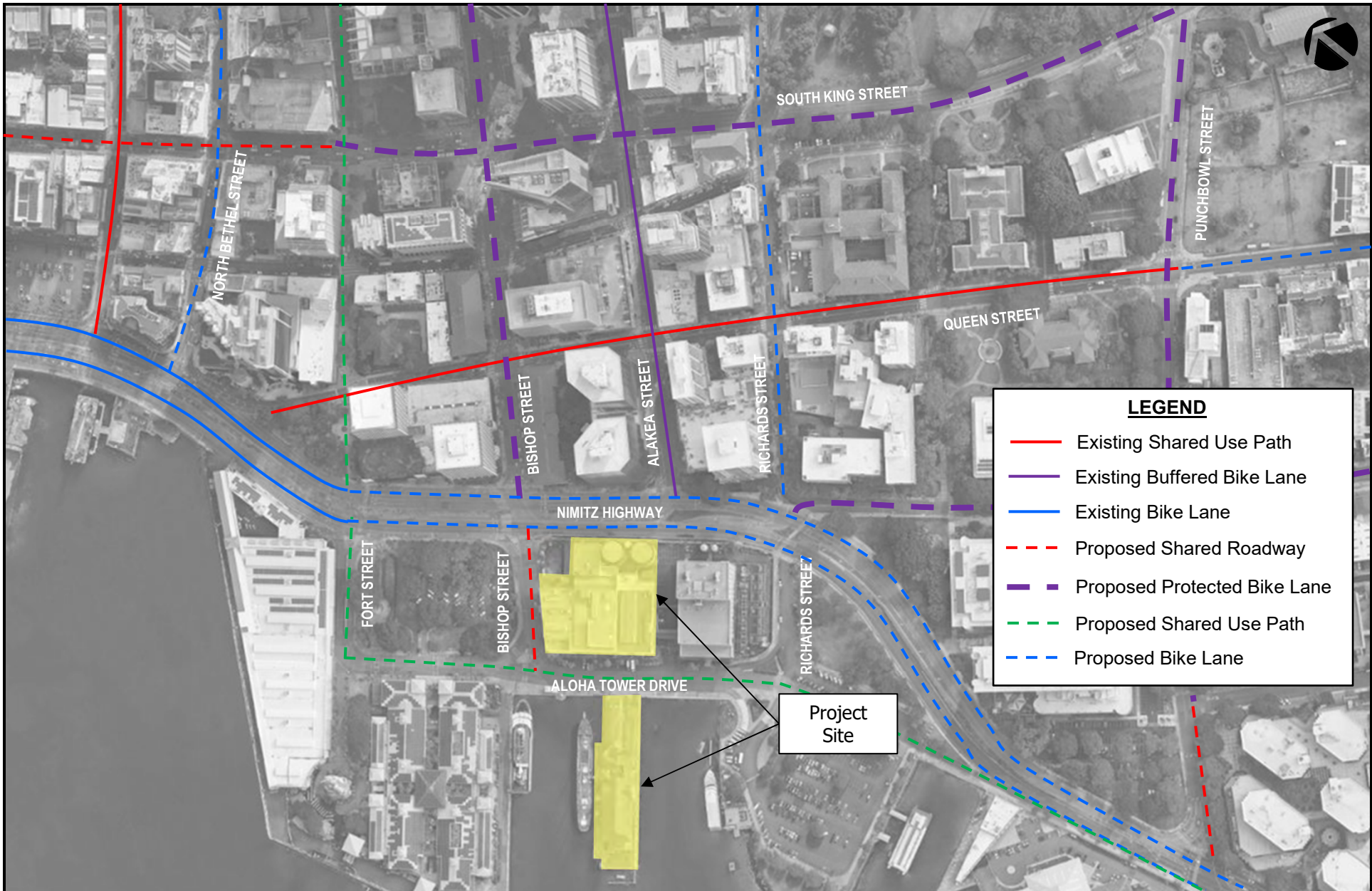
It should be noted that current LTS methodology assumes no traffic stress is imposed on cyclists at signalized intersections. Guidance provided by the Mineta Transportation Institute includes categorizing signalized intersections as a LTS 2.

2. Existing Conditions and Bicycle Level of Traffic Stress

There is a BIKI bike share station located within the Aloha Tower Complex near the intersection of Bishop Street with Aloha Tower Drive and adjacent to the project site. However, with the exception of buffered bike lanes along Alakea Street, designated bicycle facilities are currently limited along the roadways in the vicinity of the project (see Figure 9). Given the limited availability of designated bicycle facilities, most of the roadways in the vicinity of the project are rated at LTS 3 or higher. Nimitz Highway is rated at LTS 4, representing the highest level of traffic stress, while Bishop Street (north of Nimitz Highway), Richards Street are rated at LTS 3. The high LTS along these roadways are due to the high volume of vehicular traffic and the lack of dedicated facilities along these roadways, requiring bicyclists to utilize the travel way and interact with vehicular traffic. As such, the conditions along these roadways are better suited for more experienced bicyclists. Within the Aloha Tower Complex, along Aloha Tower Drive, Richards Street and Fort Street, the LTS for these roadways are rated at LTS 2 since vehicular traffic volumes are relatively less with lower prevailing speeds. Figure 10 depicts the existing LTS along the roadways in the vicinity of the project.

3. With Project Conditions

The proposed project is expected to provide bicycle facilities on-site. In addition, the existing BIKI bike share station adjacent to the north portion of the project site is expected to be maintained. Although designated bicycle facilities along the roadways in the vicinity are currently limited, there are future plans to provide bicycle facilities in the project vicinity (see Figure 9).



TRADEWINDS GARDEN

EXISTING AND PROPOSED BICYCLE FACILITIES

FIGURE

9





FIGURE
10

According to the 2019 Update of the “Oahu Bike Plan” published by the City and County of Honolulu DTS, these improvements include the following:

- Bike lanes along Nimitz Highway east of Fort Street
- Shared roadway along Bishop Street between Aloha Tower Drive and Nimitz Highway
- Buffered bike lanes along Bishop Street north of Nimitz Highway
- Bike lanes on Richards Street between Nimitz Highway and S. Hotel Street
- Shared-use path along the Aloha Tower Drive waterfront between Fort Street and Forrest Avenue

These improvements are expected to increase the availability of bicycle facilities in the vicinity of the project, but the timelines for these improvements are not known at this time.

C. Transit Facilities

1. Methodology

Transit Capacity and Quality of Service is a metric used to measure transit availability, comfort, and convenience from both the passenger and transit service provider’s points of view. The framework for this metric is outlined in the Transit Cooperative Research Program (TCRP) Report 165: Transit Capacity and Quality of Service Manual (TCQSM), 3rd Edition published in 2013 which provides research-based guidance on public transit capacity and quality of service. The quality of service concepts and methods contained in the TCQSM address real-world transit operations, comprehensive planning, and design needs. The research for and development of the TCQSM has also directly supported the development of the Multimodal Level of Service (LOS) analysis methodologies introduced in the Highway Capacity Manual (HCM) 2010 and subsequently refined in HCM 6. Multimodal LOS analyzes a roadway corridor comprised of street segments which are defined as a length of street between intersections where traffic may have to stop due to traffic control. Transit LOS can be directly compared to other transportation modes with LOS “A” representing the best quality of service and the letter “F” used to represent the worst quality of service. The assessment evaluates the quality of transit operations incorporating factors

that bear all aspect of a transit trip including the pedestrian environment along the street, service frequency and reliability, and the availability of transit amenities at those stop locations.

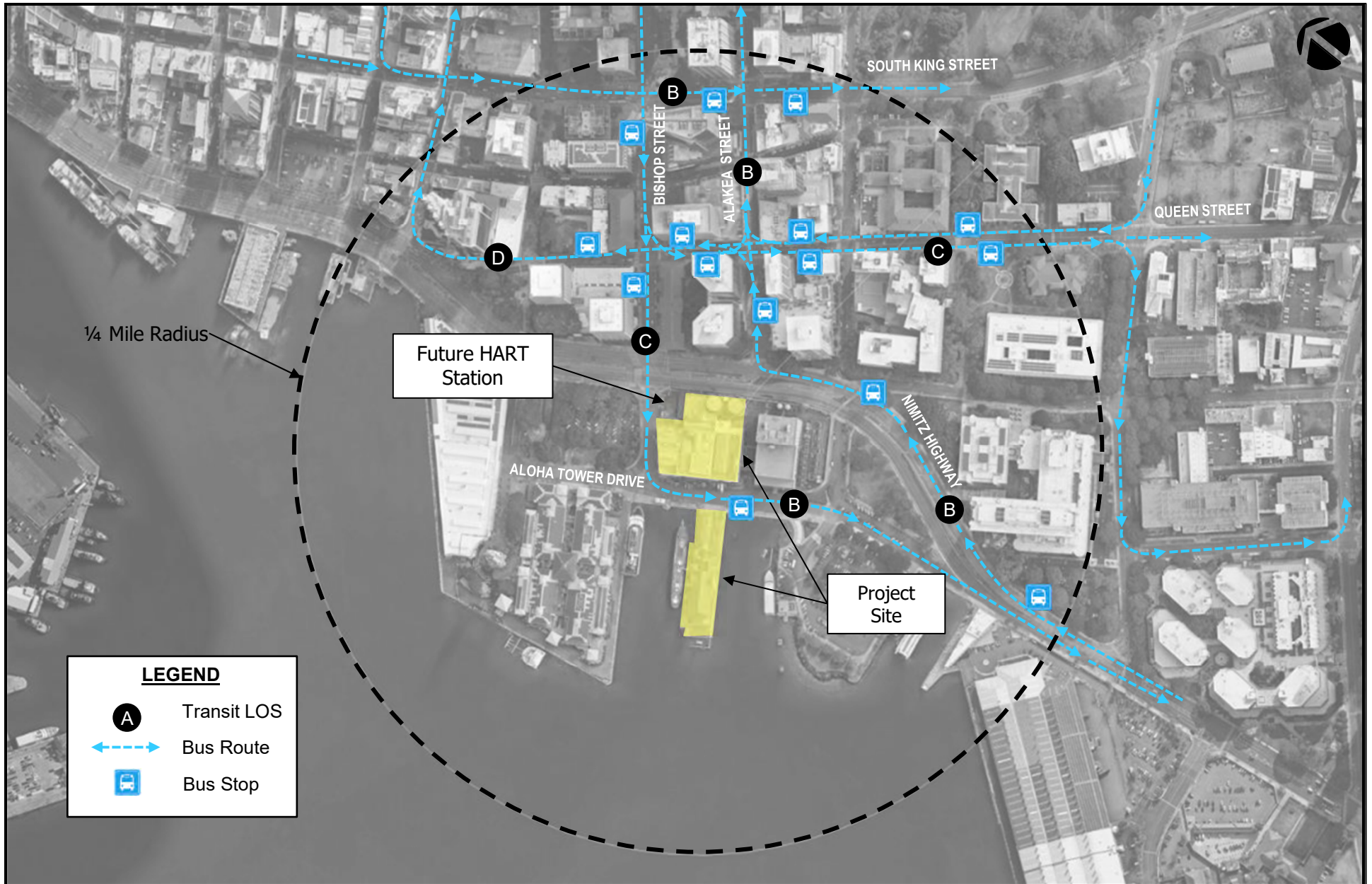
2. Transit LOS

Existing transit resources located closest to the project site include bus stops along Aloha Tower Drive, Nimitz Highway, Bishop Street, Queen Street, and Alakea Street (see Figure 11). These facilities are provided by “The Bus” which is operated by Oahu Transit Service (OTS) for the City and County of Honolulu Department of Transportation Services. The assessment indicates that transit service in the vicinity operates at LOS “D” or better since service is generally frequent with most of the routes with headways of approximately 30 minutes or less. The nearby transit stops also include amenities like benches and shelters with access to the bus stops facilitated via improved pedestrian facilities along the adjacent roadways. As previously mentioned, in addition to the Bus, the Aloha Tower Complex is also served by the Waikiki Trolley Red Line with a trolley stop located along Aloha Tower Drive. The Waikiki Trolley Red Line operates daily approximately with the first pickup at 11:25 AM and the last pickup at 4:25 PM with headways of approximately 1 hour.

VII. RECOMMENDATIONS

Based on the analysis of the traffic data, the following are the recommendations of this study to be incorporated in the project design.

1. Maintain sufficient sight distance for motorists to safely enter and exit the project driveways.
2. Provide adequate on-site loading and off-loading service areas and prohibit off-site loading operations.
3. Provide adequate turn-around area for service, delivery, and refuse collection vehicles to maneuver on the project site and prohibit vehicle-reversing maneuvers onto Kona Street.
4. Provide sufficient turning radii at all project driveways to avoid or minimize vehicle encroachments to oncoming traffic lanes.



TRADEWINDS GARDEN

TRANSIT FACILITIES AND LEVEL OF SERVICE

FIGURE

11



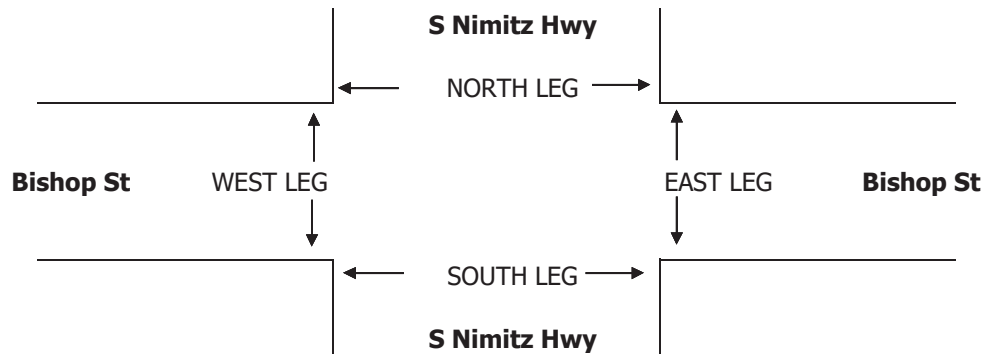
5. Coordinate with the owner and users of Aloha Tower Drive with regards to the proposed midblock raised crossing along Aloha Tower Drive and any planned improvements along that roadway. The midblock crossing is expected to limit the available space for loading/unloading along that roadway. As previously discussed, field observations indicate there is sufficient space for 3 tour buses under existing conditions. As such, coordination with the existing users of that area is critical, especially during the PM peak period. In addition, it should be noted that during project development, consideration of an additional loading/unloading area was considered along Bishop Street. However, the proposed sidewalk widening along that stretch of Bishop Street may preclude the use of this area for that function.
6. Ensure adequate transition space and sufficient clearance areas are provided to and from the adjacent City and County of Honolulu bus stop and the trolley bus loading areas on either side of the proposed midblock raised crossing.
7. Coordinate with the City and County of Honolulu Department of Transportation Services with regards to the potential relocation of the existing bus stop along Aloha Tower Drive with the implementation of the midblock crossing.
8. With regards to the proposed midblock raised crossing, provide adequate signage, advanced stop/yield lines, and high visibility signs and markings to further increase pedestrian visibility at this location.
9. Prepare a Construction Management Plan (CMP) for the development which includes discussions regarding the anticipated construction schedule and phasing, as well as traffic circulation, traffic control, and parking during the construction period given the project's location.
10. Preparing a Traffic Management Plan (TMP) for the project to further minimize the project's potential impact to the surrounding roadways given the existing loading/unloading activities along Aloha Tower Drive and the adjacent uses within the Aloha Tower Marketplace.

VIII. CONCLUSION

The proposed project entails conversion of a portion of the existing Honolulu Power Plant and replacement of the existing Pier 7 building within the Aloha Tower Complex to include an art and garden museum with complementary amenities. In conjunction with the proposed project, a raised midblock crossing along Aloha Tower Drive is also planned to be provided to facilitate access between the two project areas. Parking for guests is expected to be accommodated within the complex's existing parking areas with the project expected to be completed by Year 2026. With the implementation of the aforementioned recommendations, traffic operations with the proposed development are generally expected

to remain similar to without project conditions. Although traffic operations along the roadways in the vicinity are generally expected to remain similar to without project conditions, coordination with the existing users along Aloha Tower Drive is critical as the provision of a midblock crossing is expected to reduce the available curbside width currently used as passenger loading/unloading. In addition, given the project's location within the Aloha Tower Complex and surrounding uses, the preparation of a Construction Management Plan and a Traffic Management Plan is also recommended to identify strategies to further minimize the project's impact to the surrounding roadways.

APPENDIX A
EXISTING TRAFFIC COUNT DATA



AM	6:00 AM
	6:15 AM
	6:30 AM
	6:45 AM
	7:00 AM
	7:15 AM
	7:30 AM
	7:45 AM
	8:00 AM
	8:15 AM
	8:30 AM
8:45 AM	
TOTAL	
BEGIN PEAK HR	
PM	3:00 PM
	3:15 PM
	3:30 PM
	3:45 PM
	4:00 PM
	4:15 PM
	4:30 PM
	4:45 PM
	5:00 PM
	5:15 PM
	5:30 PM
5:45 PM	
TOTAL	
BEGIN PEAK HR	

ALL PED + BIKE & SCOOTER					
N LEG	S LEG	E LEG	W LEG	TOTAL	
7	0	3	1	11	
6	0	5	3	14	
6	0	4	2	12	
11	0	8	1	20	
7	0	4	0	11	
10	0	5	0	15	
9	0	4	0	13	
14	0	11	0	25	
29	0	15	0	44	
8	0	9	2	19	
13	0	12	0	25	
15	0	6	0	21	
135	0	86	9	230	
7:15 AM					
13	0	6	1	20	
14	0	9	1	24	
6	0	9	0	15	
21	0	7	1	29	
18	0	7	2	27	
11	0	7	0	18	
21	0	8	0	29	
18	0	2	3	23	
29	0	12	1	42	
10	0	7	1	18	
12	0	5	0	17	
7	0	3	0	10	
180	0	82	10	272	
4:30 PM					
73	0	24	1	98	

PEDESTRIAN CROSSINGS				
N LEG	S LEG	E LEG	W LEG	TOTAL
7	0	2	1	10
6	0	5	2	13
6	0	4	2	12
11	0	8	0	19
7	0	2	0	9
10	0	3	0	13
7	0	4	0	11
13	0	10	0	23
28	0	11	0	39
8	0	6	2	16
12	0	12	0	24
13	0	5	0	18
128	0	72	7	207
58	0	28	0	86
13	0	5	1	19
14	0	8	0	22
6	0	8	0	14
21	0	6	0	27
18	0	6	2	26
11	0	6	0	17
21	0	6	0	27
15	0	2	1	18
28	0	10	0	38
9	0	6	0	15
11	0	5	0	16
6	0	3	0	9
173	0	71	4	248
73	0	24	1	98

BICYCLE & SCOOTER CROSSINGS				
NL	SL	EL	WL	TOTAL
0	0	1	0	1
0	0	0	1	1
0	0	0	0	0
0	0	0	1	1
0	0	2	0	2
0	0	2	0	2
2	0	0	0	2
1	0	1	0	2
1	0	4	0	5
0	0	3	0	3
1	0	0	0	1
2	0	1	0	3
7	0	14	2	23

0	0	1	0	1
0	0	1	1	2
0	0	1	0	1
0	0	1	1	2
0	0	1	0	1
0	0	1	0	1
0	0	2	0	2
3	0	0	2	5
1	0	2	1	4
1	0	1	1	3
1	0	0	0	1
1	0	0	0	1
7	0	11	6	24

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:
Thu, Feb 1, 24

LOCATION:
NORTH & SOUTH:
EAST & WEST:

Honolulu
S Nimitz Hwy
Alakea St

PROJECT #: SC4393
LOCATION #: 3
CONTROL: SIGNAL

NOTES:	AM		▲	
	PM		N	
	MD	◀ W		E ▶
	OTHER		S	
	OTHER		▼	

LANES:	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL
	S Nimitz Hwy			S Nimitz Hwy			Alakea St			Alakea St			
	WL	WT	WR	EL	ET	ER	NL	NT	NR	SL	ST	SR	
	X	3	1	2	3	X	X	X	X	X	X	X	

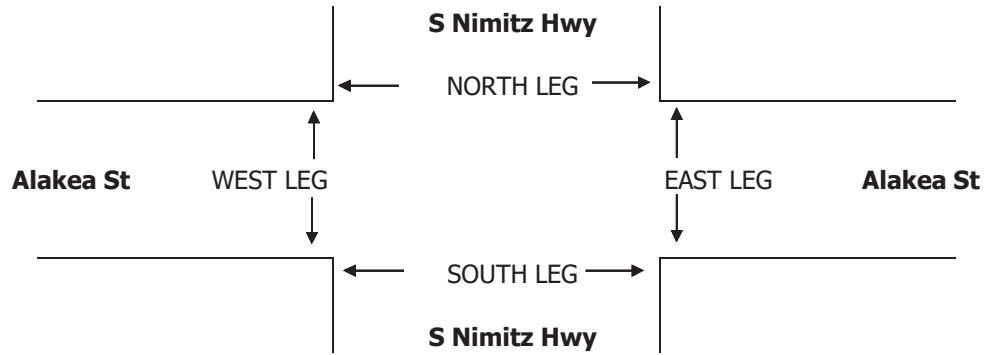
U-TURNS				
NB	SB	EB	WB	TTL
0	0	0	0	

AM	6:00 AM	0	150	26	41	308	0	0	0	0	0	0	525
	6:15 AM	0	177	23	70	376	0	0	0	0	0	0	646
	6:30 AM	0	226	29	94	470	0	0	0	0	0	0	819
	6:45 AM	0	207	40	157	567	0	0	0	0	0	0	971
	7:00 AM	0	290	71	151	564	0	0	0	0	0	0	1,076
	7:15 AM	0	360	67	163	599	0	0	0	0	0	0	1,189
	7:30 AM	0	352	82	165	588	0	0	0	0	0	0	1,187
	7:45 AM	0	376	118	157	642	0	0	0	0	0	0	1,293
	8:00 AM	0	290	83	156	600	0	0	0	0	0	0	1,129
	8:15 AM	0	347	76	142	527	0	0	0	0	0	0	1,092
	8:30 AM	0	316	78	128	460	0	0	0	0	0	0	982
	8:45 AM	0	245	78	110	470	0	0	0	0	0	0	903
VOLUMES	0	3,336	771	1,534	6,171	0	0	0	0	0	0	0	11,877
APPROACH %	0%	81%	19%	20%	79%	0%	0%	0%	0%	0%	0%	0%	
APP/DEPART	4,107	/	3,401	7,770	/	6,171	0	/	2,305	0	/	0	0
BEGIN PEAK HR	7:15 AM												
VOLUMES	0	1,378	350	641	2,429	0	0	0	0	0	0	0	4,819
APPROACH %	0%	80%	20%	21%	79%	0%	0%	0%	0%	0%	0%	0%	
PEAK HR FACTOR	0.874			0.962			0.000			0.000			0.929
APP/DEPART	1,728	/	1,399	3,091	/	2,429	0	/	991	0	/	0	0

0	2	0	0	2
0	3	0	0	3
0	5	0	0	5
0	3	0	0	3
0	2	0	0	2
0	3	0	0	3
0	6	0	0	6
0	4	0	0	4
0	8	0	0	8
0	10	0	0	10
0	9	0	0	9
0	10	0	0	10
0	65	0	0	65

PM	3:00 PM	0	445	65	90	565	0	0	0	0	0	0	1,165
	3:15 PM	0	475	71	114	524	0	0	0	0	0	0	1,184
	3:30 PM	0	509	81	102	572	0	0	0	0	0	0	1,264
	3:45 PM	0	498	79	133	579	0	0	0	0	0	0	1,289
	4:00 PM	0	469	78	103	591	0	0	0	0	0	0	1,241
	4:15 PM	0	509	69	129	563	0	0	0	0	0	0	1,270
	4:30 PM	0	465	73	106	638	0	0	0	0	0	0	1,282
	4:45 PM	0	531	78	97	647	0	0	0	0	0	0	1,353
	5:00 PM	0	502	59	91	642	0	0	0	0	0	0	1,294
	5:15 PM	0	521	59	101	628	0	0	0	0	0	0	1,309
	5:30 PM	0	396	65	109	501	0	0	0	0	0	0	1,071
	5:45 PM	0	419	65	74	525	0	0	0	0	0	0	1,083
VOLUMES	0	5,739	842	1,249	6,975	0	0	0	0	0	0	0	14,824
APPROACH %	0%	87%	13%	15%	85%	0%	0%	0%	0%	0%	0%	0%	
APP/DEPART	6,581	/	5,758	8,243	/	6,975	0	/	2,091	0	/	0	0
BEGIN PEAK HR	4:30 PM												
VOLUMES	0	2,019	269	395	2,555	0	0	0	0	0	0	0	5,245
APPROACH %	0%	88%	12%	13%	86%	0%	0%	0%	0%	0%	0%	0%	
PEAK HR FACTOR	0.939			0.992			0.000			0.000			0.968
APP/DEPART	2,288	/	2,026	2,957	/	2,555	0	/	664	0	/	0	0

0	4	0	0	4
0	1	0	0	1
0	0	0	0	0
0	4	0	0	4
0	0	0	0	0
0	1	0	0	1
0	1	0	0	1
0	1	0	0	1
0	1	0	0	1
0	4	0	0	4
0	0	0	0	0
0	2	0	0	2
0	19	0	0	19

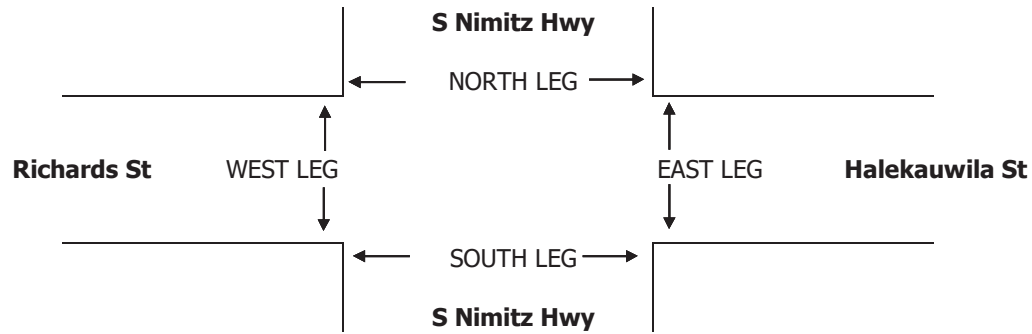


AM	6:00 AM
	6:15 AM
	6:30 AM
	6:45 AM
	7:00 AM
	7:15 AM
	7:30 AM
	7:45 AM
	8:00 AM
	8:15 AM
	8:30 AM
	8:45 AM
	TOTAL
	BEGIN PEAK HR
BEGIN PEAK HR	

ALL PED + BIKE & SCOOTER				
N LEG	S LEG	E LEG	W LEG	TOTAL
0	0	4	1	5
0	0	9	0	9
0	0	11	0	11
0	0	8	0	8
0	0	10	0	10
0	0	10	0	10
0	0	11	0	11
0	0	12	0	12
0	0	15	0	15
0	0	14	0	14
0	0	14	0	14
0	0	11	0	11
0	0	129	1	130
7:15 AM				
0	0	15	0	15
0	0	17	0	17
0	0	7	0	7
0	0	3	0	3
0	0	11	1	12
0	0	8	0	8
0	0	17	0	17
0	0	9	1	10
0	0	13	0	13
0	0	9	1	10
0	0	3	0	3
0	0	12	0	12
0	0	124	3	127
4:30 PM				
0	0	39	0	39

PEDESTRIAN CROSSINGS				
N LEG	S LEG	E LEG	W LEG	TOTAL
0	0	3	0	3
0	0	9	0	9
0	0	10	0	10
0	0	7	0	7
0	0	6	0	6
0	0	7	0	7
0	0	10	0	10
0	0	10	0	10
0	0	10	0	10
0	0	12	0	12
0	0	13	0	13
0	0	9	0	9
0	0	106	0	106
0	0	37	0	37
0	0	13	0	13
0	0	17	0	17
0	0	7	0	7
0	0	2	0	2
0	0	9	0	9
0	0	7	0	7
0	0	14	0	14
0	0	9	0	9
0	0	9	0	9
0	0	7	0	7
0	0	3	0	3
0	0	12	0	12
0	0	109	0	109
0	0	39	0	39

BICYCLE & SCOOTER CROSSINGS				
NL	SL	EL	WL	TOTAL
0	0	1	1	2
0	0	0	0	0
0	0	1	0	1
0	0	1	0	1
0	0	4	0	4
0	0	3	0	3
0	0	1	0	1
0	0	2	0	2
0	0	5	0	5
0	0	2	0	2
0	0	1	0	1
0	0	2	0	2
0	0	23	1	24
0	0	2	0	2
0	0	0	0	0
0	0	0	0	0
0	0	1	0	1
0	0	2	1	3
0	0	1	0	1
0	0	3	0	3
0	0	0	1	1
0	0	4	0	4
0	0	2	1	3
0	0	0	0	0
0	0	0	0	0
0	0	15	3	18



AM	6:00 AM
	6:15 AM
	6:30 AM
	6:45 AM
	7:00 AM
	7:15 AM
	7:30 AM
	7:45 AM
	8:00 AM
	8:15 AM
	8:30 AM
	8:45 AM
	TOTAL
	BEGIN PEAK HR
PM	3:00 PM
	3:15 PM
	3:30 PM
	3:45 PM
	4:00 PM
	4:15 PM
	4:30 PM
	4:45 PM
	5:00 PM
	5:15 PM
	5:30 PM
	5:45 PM
	TOTAL
	BEGIN PEAK HR

ALL PED + BIKE & SCOOTER				
N LEG	S LEG	E LEG	W LEG	TOTAL
3	0	5	1	9
8	0	14	1	23
8	0	11	1	20
18	0	10	2	30
20	0	16	1	37
17	0	15	0	32
6	0	13	1	20
10	0	18	0	28
9	0	29	0	38
10	0	17	2	29
4	0	16	0	20
5	0	13	0	18
118	0	177	9	304
7:15 AM				
11	0	18	1	30
5	0	17	1	23
9	0	5	1	15
2	0	1	0	3
4	0	8	0	12
23	0	14	0	37
16	0	18	2	36
33	0	17	5	55
16	0	17	1	34
6	0	15	2	23
6	0	6	0	12
3	0	17	2	22
134	0	153	15	302
4:30 PM				

PEDESTRIAN CROSSINGS				
N LEG	S LEG	E LEG	W LEG	TOTAL
2	0	2	0	4
7	0	13	0	20
8	0	11	1	20
18	0	9	2	29
20	0	13	1	34
17	0	11	0	28
6	0	12	1	19
10	0	17	0	27
9	0	22	0	31
10	0	16	2	28
4	0	16	0	20
5	0	12	0	17
116	0	154	7	277
7:15 AM				
42	0	62	1	105
10	0	14	1	25
5	0	17	0	22
9	0	5	1	15
2	0	0	0	2
4	0	6	0	10
23	0	13	0	36
16	0	14	2	32
32	0	17	4	53
16	0	16	0	32
5	0	13	1	19
6	0	6	0	12
2	0	15	2	19
130	0	136	11	277
4:30 PM				
69	0	60	7	136

BICYCLE & SCOOTER CROSSINGS				
NL	SL	EL	WL	TOTAL
1	0	3	1	5
1	0	1	1	3
0	0	0	0	0
0	0	1	0	1
0	0	3	0	3
0	0	4	0	4
0	0	1	0	1
0	0	1	0	1
0	0	7	0	7
0	0	1	0	1
0	0	0	0	0
0	0	1	0	1
2	0	23	2	27
7:15 AM				
1	0	4	0	5
0	0	0	1	1
0	0	0	0	0
0	0	1	0	1
0	0	2	0	2
0	0	1	0	1
0	0	4	0	4
1	0	0	1	2
0	0	1	1	2
1	0	2	1	4
0	0	0	0	0
1	0	2	0	3
4	0	17	4	25

Wilson Okamoto Corporation

1907 S. Beretania Street, Suite 400
Honolulu HI, 96826

Counted By: CD
Counters: TU-0653
Weather: CLEAR

File Name : AloRic AM
Site Code : 00000002
Start Date : 2/1/2024
Page No : 1

Groups Printed- Unshifted

Start Time	Richards Street Southbound					Aloha Tower Drive Westbound					Parking Lot Northbound					Aloha Tower Drive Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	1	3	3	0	7	0	1	0	1	2	0	0	1	4	5	7	6	0	2	15	29
06:15 AM	1	5	1	1	8	0	0	0	0	0	0	0	1	11	12	16	7	0	5	28	48
06:30 AM	3	14	2	0	19	0	0	0	1	1	0	0	0	13	13	16	7	0	6	29	62
06:45 AM	1	12	2	0	15	0	0	0	0	0	0	0	2	14	16	15	5	0	15	35	66
Total	6	34	8	1	49	0	1	0	2	3	0	0	4	42	46	54	25	0	28	107	205
07:00 AM	4	20	2	2	28	0	0	0	0	0	0	0	1	20	21	9	3	0	15	27	76
07:15 AM	2	4	1	0	7	0	1	0	0	1	0	0	1	11	12	12	7	0	11	30	50
07:30 AM	3	7	2	2	14	0	0	0	1	1	0	0	1	6	7	12	4	0	3	19	41
07:45 AM	6	10	2	1	19	0	0	0	0	0	0	0	1	19	20	26	11	0	10	47	86
Total	15	41	7	5	68	0	1	0	1	2	0	0	4	56	60	59	25	0	39	123	253
08:00 AM	8	5	3	1	17	0	1	0	1	2	0	0	1	10	11	10	16	1	5	32	62
08:15 AM	5	9	1	0	15	0	0	0	2	2	0	0	0	15	15	13	6	0	7	26	58
08:30 AM	4	4	0	1	9	0	1	0	0	1	0	0	1	35	36	6	11	0	4	21	67
08:45 AM	6	3	2	0	11	0	0	0	1	1	0	0	0	12	12	8	14	0	2	24	48
Total	23	21	6	2	52	0	2	0	4	6	0	0	2	72	74	37	47	1	18	103	235
Grand Total	44	96	21	8	169	0	4	0	7	11	0	0	10	170	180	150	97	1	85	333	693
Apprch %	26	56.8	12.4	4.7		0	36.4	0	63.6		0	0	5.6	94.4		45	29.1	0.3	25.5		
Total %	6.3	13.9	3	1.2	24.4	0	0.6	0	1	1.6	0	0	1.4	24.5	26	21.6	14	0.1	12.3	48.1	

Start Time	Richards Street Southbound				Aloha Tower Drive Westbound				Parking Lot Northbound				Aloha Tower Drive Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	3	7	2	12	0	0	0	0	0	0	1	1	12	4	0	16	29
07:45 AM	6	10	2	18	0	0	0	0	0	0	1	1	26	11	0	37	56
08:00 AM	8	5	3	16	0	1	0	1	0	0	1	1	10	16	1	27	45
08:15 AM	5	9	1	15	0	0	0	0	0	0	0	0	13	6	0	19	34
Total Volume	22	31	8	61	0	1	0	1	0	0	3	3	61	37	1	99	164
% App. Total	36.1	50.8	13.1		0	100	0		0	0	100		61.6	37.4	1		
PHF	.688	.775	.667	.847	.000	.250	.000	.250	.000	.000	.750	.750	.587	.578	.250	.669	.732

Wilson Okamoto Corporation

1907 S. Beretania Street, Suite 400
Honolulu HI, 96826

Counted By: LP
Counters: TU-0653
Weather: CLEAR

File Name : AloRic PM
Site Code : 00000002
Start Date : 2/1/2024
Page No : 1

Groups Printed- Unshifted

Start Time	Richards Street Southbound					Aloha Tower Drive Westbound					Parking Lot Northbound					Aloha Tower Drive Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	7	1	1	0	9	0	0	0	0	0	4	0	6	35	45	2	9	0	8	19	73
03:15 PM	6	1	0	0	7	0	0	0	0	0	8	0	17	64	89	0	17	0	1	18	114
03:30 PM	7	0	1	0	8	0	0	0	0	0	3	0	5	20	28	1	15	0	7	23	59
03:45 PM	7	2	0	0	9	0	0	0	0	0	3	0	4	9	16	2	11	0	3	16	41
Total	27	4	2	0	33	0	0	0	0	0	18	0	32	128	178	5	52	0	19	76	287
04:00 PM	4	2	1	0	7	0	0	0	0	0	0	0	5	11	16	1	11	0	4	16	39
04:15 PM	4	0	0	0	4	0	0	1	0	1	2	0	7	12	21	4	10	0	15	29	55
04:30 PM	9	1	2	0	12	0	0	0	0	0	3	0	5	20	28	0	10	0	13	23	63
04:45 PM	20	5	5	0	30	0	0	0	0	0	10	0	12	25	47	2	19	0	22	43	120
Total	37	8	8	0	53	0	0	1	0	1	15	0	29	68	112	7	50	0	54	111	277
05:00 PM	16	0	0	0	16	0	0	0	0	0	6	0	15	55	76	1	19	0	9	29	121
05:15 PM	8	2	1	0	11	0	0	0	0	0	4	0	5	18	27	4	7	0	2	13	51
05:30 PM	6	1	1	0	8	0	0	0	0	0	0	0	4	14	18	2	10	0	6	18	44
05:45 PM	0	0	2	0	2	0	0	0	0	0	0	0	3	7	10	0	6	0	1	7	19
Total	30	3	4	0	37	0	0	0	0	0	10	0	27	94	131	7	42	0	18	67	235
Grand Total	94	15	14	0	123	0	0	1	0	1	43	0	88	290	421	19	144	0	91	254	799
Apprch %	76.4	12.2	11.4	0		0	0	100	0		10.2	0	20.9	68.9		7.5	56.7	0	35.8		
Total %	11.8	1.9	1.8	0	15.4	0	0	0.1	0	0.1	5.4	0	11	36.3	52.7	2.4	18	0	11.4	31.8	

Start Time	Richards Street Southbound				Aloha Tower Drive Westbound				Parking Lot Northbound				Aloha Tower Drive Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	9	1	2	12	0	0	0	0	3	0	5	8	0	10	0	10	30
04:45 PM	20	5	5	30	0	0	0	0	10	0	12	22	2	19	0	21	73
05:00 PM	16	0	0	16	0	0	0	0	6	0	15	21	1	19	0	20	57
05:15 PM	8	2	1	11	0	0	0	0	4	0	5	9	4	7	0	11	31
Total Volume	53	8	8	69	0	0	0	0	23	0	37	60	7	55	0	62	191
% App. Total	76.8	11.6	11.6		0	0	0		38.3	0	61.7		11.3	88.7	0		
PHF	.663	.400	.400	.575	.000	.000	.000	.000	.575	.000	.617	.682	.438	.724	.000	.738	.654

Wilson Okamoto Corporation

1907 S. Beretania Street, Suite 400
Honolulu HI, 96826

Counted By: MAL
Counters: TU-0649
Weather: CLEAR

File Name : AloBis AM
Site Code : 00000001
Start Date : 2/1/2024
Page No : 1

Groups Printed- Unshifted

Start Time	Bishop Street Southbound					Aloha Tower Drive Westbound					Aloha Tower Sidewalk Northbound					Aloha Tower Drive Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	5	0	12	0	17	2	1	0	0	3	0	0	0	0	0	0	2	1	3	6	26
06:15 AM	3	0	20	3	26	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	32
06:30 AM	8	0	20	2	30	1	2	0	0	3	0	0	0	0	0	0	6	5	1	12	45
06:45 AM	4	0	16	0	20	1	4	0	0	5	0	0	0	0	0	0	0	6	3	9	34
Total	20	0	68	5	93	4	10	0	0	14	0	0	0	0	0	0	11	12	7	30	137
07:00 AM	5	0	13	2	20	0	5	0	0	5	0	0	0	0	0	0	2	4	6	12	37
07:15 AM	4	0	15	1	20	0	4	0	0	4	0	0	0	0	0	0	3	6	5	14	38
07:30 AM	7	0	15	2	24	3	2	0	1	6	0	0	0	0	0	0	2	4	7	13	43
07:45 AM	9	0	30	1	40	1	5	0	1	7	0	1	0	27	28	0	7	5	10	22	97
Total	25	0	73	6	104	4	16	0	2	22	0	1	0	27	28	0	14	19	28	61	215
08:00 AM	16	0	16	4	36	0	7	0	0	7	0	0	1	23	24	0	10	8	18	36	103
08:15 AM	7	0	19	3	29	0	8	0	0	8	0	1	0	45	46	0	6	6	5	17	100
08:30 AM	8	0	11	3	22	0	6	0	0	6	0	0	0	45	45	0	4	3	5	12	85
08:45 AM	6	0	16	1	23	0	5	0	0	5	0	0	0	18	18	0	6	2	4	12	58
Total	37	0	62	11	110	0	26	0	0	26	0	1	1	131	133	0	26	19	32	77	346
Grand Total	82	0	203	22	307	8	52	0	2	62	0	2	1	158	161	0	51	50	67	168	698
Apprch %	26.7	0	66.1	7.2		12.9	83.9	0	3.2		0	1.2	0.6	98.1		0	30.4	29.8	39.9		
Total %	11.7	0	29.1	3.2	44	1.1	7.4	0	0.3	8.9	0	0.3	0.1	22.6	23.1	0	7.3	7.2	9.6	24.1	

Start Time	Bishop Street Southbound				Aloha Tower Drive Westbound				Aloha Tower Sidewalk Northbound				Aloha Tower Drive Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	7	0	15	22	3	2	0	5	0	0	0	0	0	2	4	6	33
07:45 AM	9	0	30	39	1	5	0	6	0	1	0	1	0	7	5	12	58
08:00 AM	16	0	16	32	0	7	0	7	0	0	1	1	0	10	8	18	58
08:15 AM	7	0	19	26	0	8	0	8	0	1	0	1	0	6	6	12	47
Total Volume	39	0	80	119	4	22	0	26	0	2	1	3	0	25	23	48	196
% App. Total	32.8	0	67.2		15.4	84.6	0		0	66.7	33.3		0	52.1	47.9		
PHF	.609	.000	.667	.763	.333	.688	.000	.813	.000	.500	.250	.750	.000	.625	.719	.667	.845

Wilson Okamoto Corporation

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Start Date : 2/1/2024
Page No : 1

Groups Printed- Unshifted

Start Time	Bishop Street Southbound					Aloha Tower Drive Westbound					Aloha Tower Sidewalk Northbound					Aloha Tower Drive Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	8	0	9	0	17	6	6	0	0	12	0	0	0	30	30	0	4	6	5	15	74
03:15 PM	16	0	5	0	21	14	19	0	0	33	0	0	0	93	93	0	14	6	13	33	180
03:30 PM	7	0	6	3	16	6	8	0	0	14	0	0	0	31	31	0	5	2	10	17	78
03:45 PM	14	0	8	3	25	2	11	0	0	13	0	0	0	12	12	0	2	8	6	16	66
Total	45	0	28	6	79	28	44	0	0	72	0	0	0	166	166	0	25	22	34	81	398
04:00 PM	9	0	5	3	17	3	6	0	0	9	0	0	0	15	15	0	7	5	12	24	65
04:15 PM	12	0	9	2	23	7	11	0	0	18	0	0	0	22	22	0	7	18	7	32	95
04:30 PM	10	0	4	1	15	8	13	0	0	21	0	0	0	26	26	0	6	18	18	42	104
04:45 PM	8	0	13	1	22	11	27	0	0	38	0	0	0	36	36	0	10	11	24	45	141
Total	39	0	31	7	77	29	57	0	0	86	0	0	0	99	99	0	30	52	61	143	405
05:00 PM	10	0	12	1	23	15	26	0	0	41	0	0	0	172	172	0	15	9	11	35	271
05:15 PM	8	0	5	1	14	8	14	0	0	22	0	0	0	44	44	0	4	6	6	16	96
05:30 PM	12	0	5	1	18	3	10	0	0	13	0	0	0	14	14	0	9	3	3	15	60
05:45 PM	12	0	2	3	17	3	2	0	0	5	0	0	0	14	14	0	3	5	8	16	52
Total	42	0	24	6	72	29	52	0	0	81	0	0	0	244	244	0	31	23	28	82	479
Grand Total	126	0	83	19	228	86	153	0	0	239	0	0	0	509	509	0	86	97	123	306	1282
Apprch %	55.3	0	36.4	8.3		36	64	0	0		0	0	0	100		0	28.1	31.7	40.2		
Total %	9.8	0	6.5	1.5	17.8	6.7	11.9	0	0	18.6	0	0	0	39.7	39.7	0	6.7	7.6	9.6	23.9	

Start Time	Bishop Street Southbound				Aloha Tower Drive Westbound				Aloha Tower Sidewalk Northbound				Aloha Tower Drive Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	12	0	9	21	7	11	0	18	0	0	0	0	0	7	18	25	64
04:30 PM	10	0	4	14	8	13	0	21	0	0	0	0	0	6	18	24	59
04:45 PM	8	0	13	21	11	27	0	38	0	0	0	0	0	10	11	21	80
05:00 PM	10	0	12	22	15	26	0	41	0	0	0	0	0	15	9	24	87
Total Volume	40	0	38	78	41	77	0	118	0	0	0	0	0	38	56	94	290
% App. Total	51.3	0	48.7		34.7	65.3	0		0	0	0		0	40.4	59.6		
PHF	.833	.000	.731	.886	.683	.713	.000	.720	.000	.000	.000	.000	.000	.633	.778	.940	.833

APPENDIX B

LEVEL OF SERVICE DEFINITIONS

LEVEL OF SERVICE DEFINITIONS

LEVEL-OF-SERVICE CRITERIA FOR SIGNALIZED INTERSECTIONS

Level of Service (LOS) for signalized intersections is defined in terms of delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. Specifically, level-of-service (LOS) criteria are stated in terms of the average control delay per vehicle, typically a 15-min analysis period. The criteria are given in the following table.

Table 1: Level-of-Service Criteria for Signalized Intersections

Level of Service	Control Delay per Vehicle (sec/veh)
A	≤ 10.0
B	>10.0 and ≤ 20.0
C	>20.0 and ≤ 35.0
D	>35.0 and ≤ 55.0
E	>55.0 and ≤ 80.0
F	>80.0

Delay is a complex measure and depends on a number of variables, including the quality of progression, the cycle length, the green ratio, and the v/c ratio for the lane group.

Level of Service A describes operations with low control delay, up to 10 sec per vehicle. This level of service occurs when progression is extremely favorable and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.

Level of Service B describes operations with control delay greater than 10 and up to 20 sec per vehicle. This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with LOS A, causing higher levels of delay.

Level of Service C describes operations with control delay greater than 20 and up to 35 sec per vehicle. These higher delays may result from only fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. Cycle failure occurs when a given green phase does not serve queued vehicles and overflows occur. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

Level of Service D describes operations with control delay greater than 35 and up to 55 sec per vehicle. At level of service D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, or high v/c ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

Level of Service E describes operation with control delay greater than 55 and up to 80 sec per vehicle. These high delay values generally indicate poor progression, long cycle lengths, and high v/c ratios. Individual cycle failures are frequent.

Level of Service F describes operations with control delay in excess of 80 sec per vehicle. This level, considered to be unacceptable to most drivers, often occurs with oversaturation, that is, when arrival flow rates exceed the capacity lane groups. It may also occur at high v/c ratios with many individual cycle failures. Poor progression and long cycle lengths may also contribute significantly to high delay levels.

LEVEL OF SERVICE DEFINITIONS

LEVEL-OF-SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS

Level of Service (LOS) criteria are given in Table 1. As used here, control delay is defined as the total elapsed time from the time a vehicle stops at the end of the queue to the time required for the vehicle to travel from the last-in-queue position to the first-in-queue position, including deceleration of vehicles from free-flow speed to the speed of vehicles in the queue.

The average total delay for any particular minor movement is a function of the service rate or capacity of the approach and the degree of saturation. If the degree of saturation is greater than about 0.9, average control delay is significantly affected by the length of the analysis period.

**Table 1: Level-of-Service Criteria for
Unsignalized Intersections**

Level of Service	Average Control Delay (Sec/Veh)
A	≤ 10.0
B	>10.0 and ≤ 15.0
C	>15.0 and ≤ 25.0
D	>25.0 and ≤ 35.0
E	>35.0 and ≤ 50.0
F	>50.0













APPENDIX C

CAPACITY ANALYSIS CALCULATIONS
EXISTING PEAK PERIOD TRAFFIC ANALYSIS

HCM Signalized Intersection Capacity Analysis

1: Bishop Street & Nimitz Hwy

03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↗		↑↑↑		↘		↗	↘↘	↑	↗
Traffic Volume (vph)	0	2804	74	0	1399	0	26	0	16	271	56	279
Future Volume (vph)	0	2804	74	0	1399	0	26	0	16	271	56	279
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Lane Util. Factor		0.86	1.00		0.86		1.00		1.00	0.97	1.00	1.00
Frbp, ped/bikes		1.00	1.00		1.00		1.00		1.00	1.00	1.00	0.92
Flpb, ped/bikes		1.00	1.00		1.00		0.94		1.00	1.00	1.00	1.00
Frt		1.00	0.85		1.00		1.00		0.85	1.00	1.00	0.85
Flt Protected		1.00	1.00		1.00		0.95		1.00	0.95	1.00	1.00
Satd. Flow (prot)		6408	1583		6408		1656		1583	3433	1863	1456
Flt Permitted		1.00	1.00		1.00		0.72		1.00	0.95	1.00	1.00
Satd. Flow (perm)		6408	1583		6408		1251		1583	3433	1863	1456
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	3048	80	0	1521	0	28	0	17	295	61	303
RTOR Reduction (vph)	0	0	21	0	0	0	0	0	12	0	0	57
Lane Group Flow (vph)	0	3048	59	0	1521	0	28	0	5	295	61	246
Confl. Peds. (#/hr)							58					58
Turn Type		NA	Perm		NA		Perm		Perm	Perm	NA	Perm
Protected Phases		2			6						4	
Permitted Phases			2				8		8	4		4
Actuated Green, G (s)		97.0	97.0		97.0		33.0		33.0	33.0	33.0	33.0
Effective Green, g (s)		97.0	97.0		97.0		33.0		33.0	33.0	33.0	33.0
Actuated g/C Ratio		0.69	0.69		0.69		0.24		0.24	0.24	0.24	0.24
Clearance Time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Vehicle Extension (s)		3.0	3.0		3.0		3.0		3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		4439	1096		4439		294		373	809	439	343
v/s Ratio Prot		c0.48			0.24						0.03	
v/s Ratio Perm			0.04				0.02		0.00	0.09		c0.17
v/c Ratio		0.69	0.05		0.34		0.10		0.01	0.36	0.14	0.72
Uniform Delay, d1		12.6	6.9		8.7		41.8		41.0	44.7	42.3	49.2
Progression Factor		0.50	0.45		1.00		1.00		1.00	1.00	1.00	1.00
Incremental Delay, d2		0.7	0.1		0.2		0.1		0.0	0.3	0.1	7.0
Delay (s)		6.9	3.2		8.9		42.0		41.0	45.0	42.4	56.2
Level of Service		A	A		A		D		D	D	D	E
Approach Delay (s)		6.8			8.9			41.6			49.9	
Approach LOS		A			A			D			D	
Intersection Summary												
HCM 2000 Control Delay			13.0				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.69									
Actuated Cycle Length (s)			140.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			76.0%				ICU Level of Service			D		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

2: Nimitz Hwy & Alakea Street

03/21/2024



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↔↔	↑↑↑	↑↑↑	↗		
Traffic Volume (vph)	21	641	2429	1378	350	0	0
Future Volume (vph)	21	641	2429	1378	350	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0	5.0	5.0		
Lane Util. Factor		0.97	0.91	0.91	1.00		
Frbp, ped/bikes		1.00	1.00	1.00	0.90		
Flpb, ped/bikes		1.00	1.00	1.00	1.00		
Frt		1.00	1.00	1.00	0.85		
Flt Protected		0.95	1.00	1.00	1.00		
Satd. Flow (prot)		3433	5085	5085	1430		
Flt Permitted		0.95	1.00	1.00	1.00		
Satd. Flow (perm)		3433	5085	5085	1430		
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	23	689	2612	1482	376	0	0
RTOR Reduction (vph)	0	0	0	0	27	0	0
Lane Group Flow (vph)	0	712	2612	1482	349	0	0
Confl. Peds. (#/hr)					37		
Turn Type	Prot	Prot	NA	NA	Perm		
Protected Phases	5	5	2	6			
Permitted Phases					6		
Actuated Green, G (s)		35.6	140.0	94.4	94.4		
Effective Green, g (s)		35.6	140.0	94.4	94.4		
Actuated g/C Ratio		0.25	1.00	0.67	0.67		
Clearance Time (s)		5.0	5.0	5.0	5.0		
Vehicle Extension (s)		3.0	3.0	3.0	3.0		
Lane Grp Cap (vph)		872	5085	3428	964		
v/s Ratio Prot		c0.21	c0.51	0.29			
v/s Ratio Perm					0.24		
v/c Ratio		0.82	0.51	0.43	0.36		
Uniform Delay, d1		49.1	0.0	10.5	9.8		
Progression Factor		0.80	1.00	0.39	0.30		
Incremental Delay, d2		4.6	0.3	0.3	0.9		
Delay (s)		43.8	0.3	4.5	3.8		
Level of Service		D	A	A	A		
Approach Delay (s)			9.6	4.3		0.0	
Approach LOS			A	A		A	
Intersection Summary							
HCM 2000 Control Delay			7.7		HCM 2000 Level of Service		A
HCM 2000 Volume to Capacity ratio			0.62				
Actuated Cycle Length (s)			140.0		Sum of lost time (s)		10.0
Intersection Capacity Utilization			53.8%		ICU Level of Service		A
Analysis Period (min)			15				
c Critical Lane Group							

HCM Signalized Intersection Capacity Analysis

3: Richards St/Halekauwila Street & Nimitz Hwy

03/21/2024




















Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↘	↑↑↑		↘	↑↑↑							
Traffic Volume (vph)	356	2075	5	51	1736	0	0	0	0	0	0	0
Future Volume (vph)	356	2075	5	51	1736	0	0	0	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	5.0		5.0	5.0							
Lane Util. Factor	1.00	0.91		1.00	0.91							
Frbp, ped/bikes	1.00	1.00		1.00	1.00							
Flpb, ped/bikes	1.00	1.00		1.00	1.00							
Frt	1.00	1.00		1.00	1.00							
Flt Protected	0.95	1.00		0.95	1.00							
Satd. Flow (prot)	1770	5083		1770	5085							
Flt Permitted	0.95	1.00		0.95	1.00							
Satd. Flow (perm)	1770	5083		1770	5085							
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	396	2306	6	57	1929	0	0	0	0	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	396	2312	0	57	1929	0	0	0	0	0	0	0
Confl. Peds. (#/hr)			1									
Turn Type	Prot	NA		Prot	NA							
Protected Phases	5	2		1	6							
Permitted Phases												
Actuated Green, G (s)	37.3	121.7		8.3	92.7							
Effective Green, g (s)	37.3	121.7		8.3	92.7							
Actuated g/C Ratio	0.27	0.87		0.06	0.66							
Clearance Time (s)	5.0	5.0		5.0	5.0							
Vehicle Extension (s)	3.0	3.0		3.0	3.0							
Lane Grp Cap (vph)	471	4418		104	3366							
v/s Ratio Prot	c0.22	0.45		0.03	c0.38							
v/s Ratio Perm												
v/c Ratio	0.84	0.52		0.55	0.57							
Uniform Delay, d1	48.5	2.2		64.0	12.9							
Progression Factor	0.84	2.08		1.00	1.00							
Incremental Delay, d2	11.4	0.4		5.8	0.7							
Delay (s)	52.1	5.0		69.8	13.6							
Level of Service	D	A		E	B							
Approach Delay (s)		11.9			15.2			0.0				0.0
Approach LOS		B			B			A				A
Intersection Summary												
HCM 2000 Control Delay			13.3			HCM 2000 Level of Service				B		
HCM 2000 Volume to Capacity ratio			0.65									
Actuated Cycle Length (s)			140.0			Sum of lost time (s)				10.0		
Intersection Capacity Utilization			61.6%			ICU Level of Service				B		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

5: Richards & Aloha Tower Dr

03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop				Stop
Traffic Volume (vph)	0	37	61	0	0	0	3	0	0	8	31	22
Future Volume (vph)	0	37	61	0	0	0	3	0	0	8	31	22
Peak Hour Factor	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
Hourly flow rate (vph)	0	51	84	0	0	0	4	0	0	11	42	30
Direction, Lane #	EB 1	NB 1	NB 2	SB 1								
Volume Total (vph)	135	4	0	83								
Volume Left (vph)	0	4	0	11								
Volume Right (vph)	84	0	0	30								
Hadj (s)	-0.34	0.53	0.00	-0.16								
Departure Headway (s)	3.8	5.4	4.8	4.1								
Degree Utilization, x	0.14	0.01	0.00	0.10								
Capacity (veh/h)	935	644	733	844								
Control Delay (s)	7.4	7.2	6.6	7.6								
Approach Delay (s)	7.4	7.2		7.6								
Approach LOS	A	A		A								
Intersection Summary												
Delay			7.4									
Level of Service			A									
Intersection Capacity Utilization			22.4%	ICU Level of Service	A							
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

6: Bishop Street

03/21/2024



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↩	↩		↩	
Traffic Volume (veh/h)	23	25	22	4	80	39
Future Volume (Veh/h)	23	25	22	4	80	39
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84
Hourly flow rate (vph)	27	30	26	5	95	46
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	31				112	28
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	31				112	28
tC, single (s)	4.1				*5.4	*5.2
tC, 2 stage (s)						
tF (s)	2.2				*3.0	*3.0
p0 queue free %	98				91	96
cM capacity (veh/h)	1582				1044	1165

Direction, Lane #	EB 1	WB 1	SB 1
Volume Total	57	31	141
Volume Left	27	0	95
Volume Right	0	5	46
cSH	1582	1700	1081
Volume to Capacity	0.02	0.02	0.13
Queue Length 95th (ft)	1	0	11
Control Delay (s)	3.5	0.0	8.8
Lane LOS	A		A
Approach Delay (s)	3.5	0.0	8.8
Approach LOS			A

Intersection Summary			
Average Delay		6.3	
Intersection Capacity Utilization	22.7%	ICU Level of Service	A
Analysis Period (min)	15		

* User Entered Value

HCM Signalized Intersection Capacity Analysis

7: Aloha Tower Dr - Fort St & Nimitz Hwy

03/21/2024



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑↑			↑↑↑↑	↔	
Traffic Volume (vph)	2876	74	0	1497	32	3
Future Volume (vph)	2876	74	0	1497	32	3
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0			5.0	5.0	
Lane Util. Factor	0.86			0.86	1.00	
Frbp, ped/bikes	1.00			1.00	1.00	
Flpb, ped/bikes	1.00			1.00	1.00	
Frt	1.00			1.00	0.99	
Flt Protected	1.00			1.00	0.96	
Satd. Flow (prot)	6377			6408	1756	
Flt Permitted	1.00			1.00	0.96	
Satd. Flow (perm)	6377			6408	1756	
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	3060	79	0	1593	34	3
RTOR Reduction (vph)	2	0	0	0	2	0
Lane Group Flow (vph)	3137	0	0	1593	35	0
Confl. Peds. (#/hr)	6				23	
Turn Type	NA			NA	Prot	
Protected Phases	2			6	8	
Permitted Phases						
Actuated Green, G (s)	101.2			101.2	28.8	
Effective Green, g (s)	101.2			101.2	28.8	
Actuated g/C Ratio	0.72			0.72	0.21	
Clearance Time (s)	5.0			5.0	5.0	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	4609			4632	361	
v/s Ratio Prot	c0.49			0.25	c0.02	
v/s Ratio Perm						
v/c Ratio	0.68			0.34	0.10	
Uniform Delay, d1	10.6			7.2	45.1	
Progression Factor	1.00			0.99	1.00	
Incremental Delay, d2	0.8			0.2	0.1	
Delay (s)	11.4			7.3	45.2	
Level of Service	B			A	D	
Approach Delay (s)	11.4			7.3	45.2	
Approach LOS	B			A	D	

Intersection Summary			
HCM 2000 Control Delay	10.3	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.55		
Actuated Cycle Length (s)	140.0	Sum of lost time (s)	10.0
Intersection Capacity Utilization	68.9%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis

1: Bishop Street & Nimitz Hwy

03/21/2024



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↗		↑↑↑		↘		↗	↘↘	↑	↗
Traffic Volume (vph)	0	2720	44	0	2025	0	36	0	57	182	37	292
Future Volume (vph)	0	2720	44	0	2025	0	36	0	57	182	37	292
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Lane Util. Factor		0.86	1.00		0.86		1.00		1.00	0.97	1.00	1.00
Frbp, ped/bikes		1.00	1.00		1.00		1.00		1.00	1.00	1.00	0.90
Flpb, ped/bikes		1.00	1.00		1.00		0.92		1.00	1.00	1.00	1.00
Frt		1.00	0.85		1.00		1.00		0.85	1.00	1.00	0.85
Flt Protected		1.00	1.00		1.00		0.95		1.00	0.95	1.00	1.00
Satd. Flow (prot)		6408	1583		6408		1621		1583	3433	1863	1427
Flt Permitted		1.00	1.00		1.00		0.73		1.00	0.95	1.00	1.00
Satd. Flow (perm)		6408	1583		6408		1248		1583	3433	1863	1427
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	0	2894	47	0	2154	0	38	0	61	194	39	311
RTOR Reduction (vph)	0	0	12	0	0	0	0	0	11	0	0	57
Lane Group Flow (vph)	0	2894	35	0	2154	0	38	0	50	194	39	254
Confl. Peds. (#/hr)							73					73
Turn Type		NA	Perm		NA		Perm		Perm	Perm	NA	Perm
Protected Phases		2			6						4	
Permitted Phases			2				8		8	4		4
Actuated Green, G (s)		104.6	104.6		104.6		35.4		35.4	35.4	35.4	35.4
Effective Green, g (s)		104.6	104.6		104.6		35.4		35.4	35.4	35.4	35.4
Actuated g/C Ratio		0.70	0.70		0.70		0.24		0.24	0.24	0.24	0.24
Clearance Time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Vehicle Extension (s)		3.0	3.0		3.0		3.0		3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		4468	1103		4468		294		373	810	439	336
v/s Ratio Prot		c0.45			0.34						0.02	
v/s Ratio Perm			0.02				0.03		0.03	0.06		c0.18
v/c Ratio		0.65	0.03		0.48		0.13		0.13	0.24	0.09	0.76
Uniform Delay, d1		12.5	7.0		10.4		45.2		45.2	46.4	44.7	53.3
Progression Factor		0.54	0.61		0.70		1.00		1.00	1.00	1.00	1.00
Incremental Delay, d2		0.6	0.0		0.3		0.2		0.2	0.2	0.1	9.3
Delay (s)		7.3	4.3		7.6		45.4		45.4	46.6	44.8	62.6
Level of Service		A	A		A		D		D	D	D	E
Approach Delay (s)		7.3			7.6			45.4			55.6	
Approach LOS		A			A			D			E	
Intersection Summary												
HCM 2000 Control Delay			12.6				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.67									
Actuated Cycle Length (s)			150.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			76.9%				ICU Level of Service			D		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

2: Nimitz Hwy & Alakea Street

03/21/2024



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		⇐⇐	⇐⇐⇐	⇐⇐⇐	⇐		
Traffic Volume (vph)	7	395	2555	2019	269	0	0
Future Volume (vph)	7	395	2555	2019	269	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0	5.0	5.0		
Lane Util. Factor		0.97	0.91	0.91	1.00		
Frbp, ped/bikes		1.00	1.00	1.00	0.89		
Flpb, ped/bikes		1.00	1.00	1.00	1.00		
Frt		1.00	1.00	1.00	0.85		
Flt Protected		0.95	1.00	1.00	1.00		
Satd. Flow (prot)		3433	5085	5085	1413		
Flt Permitted		0.95	1.00	1.00	1.00		
Satd. Flow (perm)		3433	5085	5085	1413		
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	7	407	2634	2081	277	0	0
RTOR Reduction (vph)	0	0	0	0	14	0	0
Lane Group Flow (vph)	0	414	2634	2081	263	0	0
Confl. Peds. (#/hr)					39		
Turn Type	Prot	Prot	NA	NA	Perm		
Protected Phases	5	5	2	6			
Permitted Phases					6		
Actuated Green, G (s)		23.4	150.0	116.6	116.6		
Effective Green, g (s)		23.4	150.0	116.6	116.6		
Actuated g/C Ratio		0.16	1.00	0.78	0.78		
Clearance Time (s)		5.0	5.0	5.0	5.0		
Vehicle Extension (s)		3.0	3.0	3.0	3.0		
Lane Grp Cap (vph)		535	5085	3952	1098		
v/s Ratio Prot		c0.12	c0.52	0.41			
v/s Ratio Perm					0.19		
v/c Ratio		0.77	0.52	0.53	0.24		
Uniform Delay, d1		60.8	0.0	6.3	4.6		
Progression Factor		0.93	1.00	0.43	0.45		
Incremental Delay, d2		5.5	0.3	0.4	0.4		
Delay (s)		62.1	0.3	3.1	2.5		
Level of Service		E	A	A	A		
Approach Delay (s)			8.7	3.0		0.0	
Approach LOS			A	A		A	
Intersection Summary							
HCM 2000 Control Delay			6.2		HCM 2000 Level of Service		A
HCM 2000 Volume to Capacity ratio			0.58				
Actuated Cycle Length (s)			150.0		Sum of lost time (s)		10.0
Intersection Capacity Utilization			58.8%		ICU Level of Service		B
Analysis Period (min)			15				
c Critical Lane Group							

HCM Signalized Intersection Capacity Analysis

3: Richards St/Halekauwila Street & Nimitz Hwy

















03/21/2024



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↗	↑↑↑		↗	↑↑↑							
Traffic Volume (vph)	264	2281	6	65	2287	0	0	0	0	0	0	0
Future Volume (vph)	264	2281	6	65	2287	0	0	0	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	5.0		5.0	5.0							
Lane Util. Factor	1.00	0.91		1.00	0.91							
Frbp, ped/bikes	1.00	1.00		1.00	1.00							
Flpb, ped/bikes	1.00	1.00		1.00	1.00							
Frt	1.00	1.00		1.00	1.00							
Flt Protected	0.95	1.00		0.95	1.00							
Satd. Flow (prot)	1770	5083		1770	5085							
Flt Permitted	0.95	1.00		0.95	1.00							
Satd. Flow (perm)	1770	5083		1770	5085							
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	275	2376	6	68	2382	0	0	0	0	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	275	2382	0	68	2382	0	0	0	0	0	0	0
Confl. Peds. (#/hr)			7									
Turn Type	Prot	NA		Prot	NA							
Protected Phases	5	2		1	6							
Permitted Phases												
Actuated Green, G (s)	30.4	130.5		9.5	109.6							
Effective Green, g (s)	30.4	130.5		9.5	109.6							
Actuated g/C Ratio	0.20	0.87		0.06	0.73							
Clearance Time (s)	5.0	5.0		5.0	5.0							
Vehicle Extension (s)	3.0	3.0		3.0	3.0							
Lane Grp Cap (vph)	358	4422		112	3715							
v/s Ratio Prot	c0.16	0.47		0.04	c0.47							
v/s Ratio Perm												
v/c Ratio	0.77	0.54		0.61	0.64							
Uniform Delay, d1	56.5	2.4		68.4	10.2							
Progression Factor	1.02	0.59		1.00	1.00							
Incremental Delay, d2	8.4	0.4		9.0	0.9							
Delay (s)	66.0	1.8		77.4	11.1							
Level of Service	E	A		E	B							
Approach Delay (s)		8.5		12.9			0.0				0.0	
Approach LOS		A		B			A				A	
Intersection Summary												
HCM 2000 Control Delay			10.6		HCM 2000 Level of Service				B			
HCM 2000 Volume to Capacity ratio			0.67									
Actuated Cycle Length (s)			150.0		Sum of lost time (s)				10.0			
Intersection Capacity Utilization			67.1%		ICU Level of Service				C			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis
 5: Richards & Aloha Tower Dr

03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	55	7	0	0	0	37	0	23	8	8	53
Future Volume (vph)	0	55	7	0	0	0	37	0	23	8	8	53
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Hourly flow rate (vph)	0	85	11	0	0	0	57	0	35	12	12	82
Direction, Lane #	EB 1	NB 1	NB 2	SB 1								
Volume Total (vph)	96	57	35	106								
Volume Left (vph)	0	57	0	12								
Volume Right (vph)	11	0	35	82								
Hadj (s)	-0.03	0.53	-0.67	-0.41								
Departure Headway (s)	4.3	5.3	4.1	3.9								
Degree Utilization, x	0.11	0.08	0.04	0.12								
Capacity (veh/h)	801	655	840	892								
Control Delay (s)	7.9	7.6	6.1	7.4								
Approach Delay (s)	7.9	7.0		7.4								
Approach LOS	A	A		A								
Intersection Summary												
Delay			7.4									
Level of Service			A									
Intersection Capacity Utilization		20.8%		ICU Level of Service		A						
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

6: Bishop Street

03/21/2024



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	56	38	77	41	38	40
Future Volume (Veh/h)	56	38	77	41	38	40
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Hourly flow rate (vph)	67	46	93	49	46	48
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	142				298	118
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	142				298	118
tC, single (s)	4.1				*5.4	*5.2
tC, 2 stage (s)						
tF (s)	2.2				*3.0	*3.0
p0 queue free %	95				94	95
cM capacity (veh/h)	1441				827	1063

Direction, Lane #	EB 1	WB 1	SB 1
Volume Total	113	142	94
Volume Left	67	0	46
Volume Right	0	49	48
cSH	1441	1700	933
Volume to Capacity	0.05	0.08	0.10
Queue Length 95th (ft)	4	0	8
Control Delay (s)	4.7	0.0	9.3
Lane LOS	A		A
Approach Delay (s)	4.7	0.0	9.3
Approach LOS			A

Intersection Summary			
Average Delay		4.0	
Intersection Capacity Utilization	23.0%	ICU Level of Service	A
Analysis Period (min)	15		

* User Entered Value

HCM Signalized Intersection Capacity Analysis

7: Aloha Tower Dr - Fort St & Nimitz Hwy

03/21/2024



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑↑			↑↑↑↑		↑↑
Traffic Volume (vph)	2738	42	0	2413	70	26
Future Volume (vph)	2738	42	0	2413	70	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0			5.0		5.0
Lane Util. Factor	0.86			0.86		1.00
Frbp, ped/bikes	1.00			1.00		0.98
Flpb, ped/bikes	1.00			1.00		1.00
Frtp	1.00			1.00		0.96
Flt Protected	1.00			1.00		0.96
Satd. Flow (prot)	6389			6408		1698
Flt Permitted	1.00			1.00		0.96
Satd. Flow (perm)	6389			6408		1698
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	2823	43	0	2488	72	27
RTOR Reduction (vph)	1	0	0	0	2	0
Lane Group Flow (vph)	2865	0	0	2488	97	0
Confl. Peds. (#/hr)	6				47	
Turn Type	NA			NA	Prot	
Protected Phases	2			6	8	
Permitted Phases						
Actuated Green, G (s)	110.3			110.3	29.7	
Effective Green, g (s)	110.3			110.3	29.7	
Actuated g/C Ratio	0.74			0.74	0.20	
Clearance Time (s)	5.0			5.0	5.0	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	4698			4712	336	
v/s Ratio Prot	c0.45			0.39	c0.06	
v/s Ratio Perm						
v/c Ratio	0.61			0.53	0.29	
Uniform Delay, d1	9.5			8.6	51.2	
Progression Factor	1.00			0.75	1.00	
Incremental Delay, d2	0.6			0.4	0.5	
Delay (s)	10.1			6.8	51.6	
Level of Service	B			A	D	
Approach Delay (s)	10.1			6.8	51.6	
Approach LOS	B			A	D	

Intersection Summary			
HCM 2000 Control Delay	9.4	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.54		
Actuated Cycle Length (s)	150.0	Sum of lost time (s)	10.0
Intersection Capacity Utilization	73.2%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			













APPENDIX D

**CAPACITY ANALYSIS CALCULATIONS
PROJECTED YEAR 2026 PEAK PERIOD TRAFFIC
ANALYSIS WITHOUT PROJECT**

HCM Signalized Intersection Capacity Analysis

1: Bishop Street & Nimitz Hwy

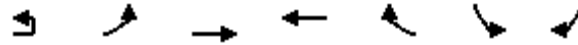
03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↗		↑↑↑		↘		↗	↘↘	↑	↗
Traffic Volume (vph)	0	2829	44	0	2106	0	36	0	57	189	37	304
Future Volume (vph)	0	2829	44	0	2106	0	36	0	57	189	37	304
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Lane Util. Factor		0.86	1.00		0.86		1.00		1.00	0.97	1.00	1.00
Frbp, ped/bikes		1.00	1.00		1.00		1.00		1.00	1.00	1.00	0.90
Flpb, ped/bikes		1.00	1.00		1.00		0.92		1.00	1.00	1.00	1.00
Frt		1.00	0.85		1.00		1.00		0.85	1.00	1.00	0.85
Flt Protected		1.00	1.00		1.00		0.95		1.00	0.95	1.00	1.00
Satd. Flow (prot)		6408	1583		6408		1621		1583	3433	1863	1427
Flt Permitted		1.00	1.00		1.00		0.73		1.00	0.95	1.00	1.00
Satd. Flow (perm)		6408	1583		6408		1248		1583	3433	1863	1427
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	0	3010	47	0	2240	0	38	0	61	201	39	323
RTOR Reduction (vph)	0	0	11	0	0	0	0	0	11	0	0	57
Lane Group Flow (vph)	0	3010	36	0	2240	0	38	0	50	201	39	266
Confl. Peds. (#/hr)							73					73
Turn Type		NA	Perm		NA		Perm		Perm	Perm	NA	Perm
Protected Phases		2			6						4	
Permitted Phases			2				8		8	4		4
Actuated Green, G (s)		103.8	103.8		103.8		36.2		36.2	36.2	36.2	36.2
Effective Green, g (s)		103.8	103.8		103.8		36.2		36.2	36.2	36.2	36.2
Actuated g/C Ratio		0.69	0.69		0.69		0.24		0.24	0.24	0.24	0.24
Clearance Time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Vehicle Extension (s)		3.0	3.0		3.0		3.0		3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		4434	1095		4434		301		382	828	449	344
v/s Ratio Prot		c0.47			0.35						0.02	
v/s Ratio Perm			0.02				0.03		0.03	0.06		c0.19
v/c Ratio		0.68	0.03		0.51		0.13		0.13	0.24	0.09	0.77
Uniform Delay, d1		13.4	7.3		10.9		44.5		44.6	45.9	44.1	53.1
Progression Factor		0.52	0.59		0.59		1.00		1.00	1.00	1.00	1.00
Incremental Delay, d2		0.7	0.0		0.4		0.2		0.2	0.2	0.1	10.4
Delay (s)		7.6	4.4		6.8		44.7		44.7	46.0	44.2	63.4
Level of Service		A	A		A		D		D	D	D	E
Approach Delay (s)		7.6			6.8			44.7			55.9	
Approach LOS		A			A			D			E	
Intersection Summary												
HCM 2000 Control Delay			12.5				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.70									
Actuated Cycle Length (s)			150.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			78.5%				ICU Level of Service			D		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

2: Nimitz Hwy & Alakea Street

03/21/2024



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↔↔	↑↑↑	↑↑↑	↔		
Traffic Volume (vph)	7	410	2657	2100	280	0	0
Future Volume (vph)	7	410	2657	2100	280	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0	5.0	5.0		
Lane Util. Factor		0.97	0.91	0.91	1.00		
Frbp, ped/bikes		1.00	1.00	1.00	0.89		
Flpb, ped/bikes		1.00	1.00	1.00	1.00		
Frt		1.00	1.00	1.00	0.85		
Flt Protected		0.95	1.00	1.00	1.00		
Satd. Flow (prot)		3433	5085	5085	1413		
Flt Permitted		0.95	1.00	1.00	1.00		
Satd. Flow (perm)		3433	5085	5085	1413		
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	7	423	2739	2165	289	0	0
RTOR Reduction (vph)	0	0	0	0	14	0	0
Lane Group Flow (vph)	0	430	2739	2165	275	0	0
Confl. Peds. (#/hr)					39		
Turn Type	Prot	Prot	NA	NA	Perm		
Protected Phases	5	5	2	6			
Permitted Phases					6		
Actuated Green, G (s)		24.1	150.0	115.9	115.9		
Effective Green, g (s)		24.1	150.0	115.9	115.9		
Actuated g/C Ratio		0.16	1.00	0.77	0.77		
Clearance Time (s)		5.0	5.0	5.0	5.0		
Vehicle Extension (s)		3.0	3.0	3.0	3.0		
Lane Grp Cap (vph)		551	5085	3929	1091		
v/s Ratio Prot		c0.13	c0.54	0.43			
v/s Ratio Perm					0.19		
v/c Ratio		0.78	0.54	0.55	0.25		
Uniform Delay, d1		60.4	0.0	6.7	4.8		
Progression Factor		0.95	1.00	0.39	0.41		
Incremental Delay, d2		5.5	0.3	0.4	0.4		
Delay (s)		63.0	0.3	3.1	2.4		
Level of Service		E	A	A	A		
Approach Delay (s)			8.8	3.0		0.0	
Approach LOS			A	A		A	
Intersection Summary							
HCM 2000 Control Delay			6.3		HCM 2000 Level of Service		A
HCM 2000 Volume to Capacity ratio			0.60				
Actuated Cycle Length (s)			150.0		Sum of lost time (s)		10.0
Intersection Capacity Utilization			60.8%		ICU Level of Service		B
Analysis Period (min)			15				
c Critical Lane Group							

HCM Signalized Intersection Capacity Analysis
 3: Richards St/Halekauwila Street & Nimitz Hwy

03/21/2024



















Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↗	↑↑↑		↗	↑↑↑							
Traffic Volume (vph)	275	2372	6	65	2379	0	0	0	0	0	0	0
Future Volume (vph)	275	2372	6	65	2379	0	0	0	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	5.0		5.0	5.0							
Lane Util. Factor	1.00	0.91		1.00	0.91							
Frbp, ped/bikes	1.00	1.00		1.00	1.00							
Flpb, ped/bikes	1.00	1.00		1.00	1.00							
Frt	1.00	1.00		1.00	1.00							
Flt Protected	0.95	1.00		0.95	1.00							
Satd. Flow (prot)	1770	5083		1770	5085							
Flt Permitted	0.95	1.00		0.95	1.00							
Satd. Flow (perm)	1770	5083		1770	5085							
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	286	2471	6	68	2478	0	0	0	0	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	286	2477	0	68	2478	0	0	0	0	0	0	0
Confl. Peds. (#/hr)			7									
Turn Type	Prot	NA		Prot	NA							
Protected Phases	5	2		1	6							
Permitted Phases												
Actuated Green, G (s)	31.0	130.5		9.5	109.0							
Effective Green, g (s)	31.0	130.5		9.5	109.0							
Actuated g/C Ratio	0.21	0.87		0.06	0.73							
Clearance Time (s)	5.0	5.0		5.0	5.0							
Vehicle Extension (s)	3.0	3.0		3.0	3.0							
Lane Grp Cap (vph)	365	4422		112	3695							
v/s Ratio Prot	c0.16	0.49		0.04	c0.49							
v/s Ratio Perm												
v/c Ratio	0.78	0.56		0.61	0.67							
Uniform Delay, d1	56.3	2.5		68.4	10.9							
Progression Factor	1.04	0.54		1.00	1.00							
Incremental Delay, d2	9.1	0.4		9.0	1.0							
Delay (s)	67.8	1.8		77.4	11.9							
Level of Service	E	A		E	B							
Approach Delay (s)		8.6		13.7			0.0				0.0	
Approach LOS		A		B			A				A	
Intersection Summary												
HCM 2000 Control Delay			11.0		HCM 2000 Level of Service				B			
HCM 2000 Volume to Capacity ratio			0.70									
Actuated Cycle Length (s)			150.0		Sum of lost time (s)				10.0			
Intersection Capacity Utilization			69.5%		ICU Level of Service				C			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

5: Richards & Aloha Tower Dr

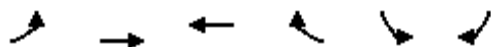
03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	55	7	0	0	0	37	0	23	8	8	53
Future Volume (vph)	0	55	7	0	0	0	37	0	23	8	8	53
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Hourly flow rate (vph)	0	85	11	0	0	0	57	0	35	12	12	82
Direction, Lane #	EB 1	NB 1	NB 2	SB 1								
Volume Total (vph)	96	57	35	106								
Volume Left (vph)	0	57	0	12								
Volume Right (vph)	11	0	35	82								
Hadj (s)	-0.03	0.53	-0.67	-0.41								
Departure Headway (s)	4.3	5.3	4.1	3.9								
Degree Utilization, x	0.11	0.08	0.04	0.12								
Capacity (veh/h)	801	655	840	892								
Control Delay (s)	7.9	7.6	6.1	7.4								
Approach Delay (s)	7.9	7.0		7.4								
Approach LOS	A	A		A								
Intersection Summary												
Delay			7.4									
Level of Service			A									
Intersection Capacity Utilization			20.8%		ICU Level of Service				A			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

6: Bishop Street

03/21/2024



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↔	↔		↔	
Traffic Volume (veh/h)	56	38	77	41	38	40
Future Volume (Veh/h)	56	38	77	41	38	40
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Hourly flow rate (vph)	67	46	93	49	46	48
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	142				298	118
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	142				298	118
tC, single (s)	4.1				*5.4	*5.2
tC, 2 stage (s)						
tF (s)	2.2				*3.0	*3.0
p0 queue free %	95				94	95
cM capacity (veh/h)	1441				827	1063

Direction, Lane #	EB 1	WB 1	SB 1
Volume Total	113	142	94
Volume Left	67	0	46
Volume Right	0	49	48
cSH	1441	1700	933
Volume to Capacity	0.05	0.08	0.10
Queue Length 95th (ft)	4	0	8
Control Delay (s)	4.7	0.0	9.3
Lane LOS	A		A
Approach Delay (s)	4.7	0.0	9.3
Approach LOS			A

Intersection Summary			
Average Delay		4.0	
Intersection Capacity Utilization	23.0%	ICU Level of Service	A
Analysis Period (min)	15		

* User Entered Value

HCM Signalized Intersection Capacity Analysis
 7: Aloha Tower Dr - Fort St & Nimitz Hwy

03/21/2024



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑↑			↑↑↑↑	↘	
Traffic Volume (vph)	2848	42	0	2510	70	26
Future Volume (vph)	2848	42	0	2510	70	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0			5.0	5.0	
Lane Util. Factor	0.86			0.86	1.00	
Frbp, ped/bikes	1.00			1.00	0.98	
Flpb, ped/bikes	1.00			1.00	1.00	
Frt	1.00			1.00	0.96	
Flt Protected	1.00			1.00	0.96	
Satd. Flow (prot)	6390			6408	1698	
Flt Permitted	1.00			1.00	0.96	
Satd. Flow (perm)	6390			6408	1698	
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	2936	43	0	2588	72	27
RTOR Reduction (vph)	1	0	0	0	2	0
Lane Group Flow (vph)	2978	0	0	2588	97	0
Confl. Peds. (#/hr)		6				47
Turn Type	NA			NA	Prot	
Protected Phases	2			6	8	
Permitted Phases						
Actuated Green, G (s)	110.3			110.3	29.7	
Effective Green, g (s)	110.3			110.3	29.7	
Actuated g/C Ratio	0.74			0.74	0.20	
Clearance Time (s)	5.0			5.0	5.0	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	4698			4712	336	
v/s Ratio Prot	c0.47			0.40	c0.06	
v/s Ratio Perm						
v/c Ratio	0.63			0.55	0.29	
Uniform Delay, d1	9.8			8.8	51.2	
Progression Factor	1.00			0.65	1.00	
Incremental Delay, d2	0.7			0.4	0.5	
Delay (s)	10.5			6.1	51.6	
Level of Service	B			A	D	
Approach Delay (s)	10.5			6.1	51.6	
Approach LOS	B			A	D	

Intersection Summary

HCM 2000 Control Delay	9.2	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.56		
Actuated Cycle Length (s)	150.0	Sum of lost time (s)	10.0
Intersection Capacity Utilization	74.7%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			













APPENDIX E

CAPACITY ANALYSIS CALCULATIONS
PROJECTED YEAR 2026 PEAK PERIOD TRAFFIC
ANALYSIS WITH PROJECT

HCM Signalized Intersection Capacity Analysis

1: Bishop Street & Nimitz Hwy

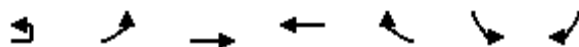
03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↗		↑↑↑		↘		↗	↘↘	↑	↗
Traffic Volume (vph)	0	2829	113	0	2106	0	56	0	66	189	54	304
Future Volume (vph)	0	2829	113	0	2106	0	56	0	66	189	54	304
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Lane Util. Factor		0.86	1.00		0.86		1.00		1.00	0.97	1.00	1.00
Frbp, ped/bikes		1.00	1.00		1.00		1.00		1.00	1.00	1.00	0.90
Flpb, ped/bikes		1.00	1.00		1.00		0.91		1.00	1.00	1.00	1.00
Frt		1.00	0.85		1.00		1.00		0.85	1.00	1.00	0.85
Flt Protected		1.00	1.00		1.00		0.95		1.00	0.95	1.00	1.00
Satd. Flow (prot)		6408	1583		6408		1616		1583	3433	1863	1419
Flt Permitted		1.00	1.00		1.00		0.72		1.00	0.95	1.00	1.00
Satd. Flow (perm)		6408	1583		6408		1225		1583	3433	1863	1419
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	0	3010	120	0	2240	0	60	0	70	201	57	323
RTOR Reduction (vph)	0	0	29	0	0	0	0	0	11	0	0	57
Lane Group Flow (vph)	0	3010	91	0	2240	0	60	0	59	201	57	266
Confl. Peds. (#/hr)							73					73
Turn Type		NA	Perm		NA		Perm		Perm	Perm	NA	Perm
Protected Phases		2			6						4	
Permitted Phases			2				8		8	4		4
Actuated Green, G (s)		104.3	104.3		104.3		35.7		35.7	35.7	35.7	35.7
Effective Green, g (s)		104.3	104.3		104.3		35.7		35.7	35.7	35.7	35.7
Actuated g/C Ratio		0.70	0.70		0.70		0.24		0.24	0.24	0.24	0.24
Clearance Time (s)		5.0	5.0		5.0		5.0		5.0	5.0	5.0	5.0
Vehicle Extension (s)		3.0	3.0		3.0		3.0		3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		4455	1100		4455		291		376	817	443	337
v/s Ratio Prot		c0.47			0.35						0.03	
v/s Ratio Perm			0.06				0.05		0.04	0.06		c0.19
v/c Ratio		0.68	0.08		0.50		0.21		0.16	0.25	0.13	0.79
Uniform Delay, d1		13.1	7.4		10.7		45.8		45.2	46.3	44.9	53.6
Progression Factor		0.50	0.47		0.55		1.00		1.00	1.00	1.00	1.00
Incremental Delay, d2		0.7	0.1		0.3		0.4		0.2	0.2	0.1	11.6
Delay (s)		7.3	3.6		6.2		46.1		45.4	46.4	45.1	65.2
Level of Service		A	A		A		D		D	D	D	E
Approach Delay (s)		7.1			6.2			45.8			56.7	
Approach LOS		A			A			D			E	
Intersection Summary												
HCM 2000 Control Delay			12.4				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.70									
Actuated Cycle Length (s)			150.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			77.0%				ICU Level of Service			D		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

2: Nimitz Hwy & Alakea Street

03/21/2024



Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↔↔	↑↑↑	↑↑↑	↔		
Traffic Volume (vph)	7	410	2666	2100	280	0	0
Future Volume (vph)	7	410	2666	2100	280	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0	5.0	5.0	5.0		
Lane Util. Factor		0.97	0.91	0.91	1.00		
Frbp, ped/bikes		1.00	1.00	1.00	0.89		
Flpb, ped/bikes		1.00	1.00	1.00	1.00		
Frt		1.00	1.00	1.00	0.85		
Flt Protected		0.95	1.00	1.00	1.00		
Satd. Flow (prot)		3433	5085	5085	1413		
Flt Permitted		0.95	1.00	1.00	1.00		
Satd. Flow (perm)		3433	5085	5085	1413		
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	7	423	2748	2165	289	0	0
RTOR Reduction (vph)	0	0	0	0	14	0	0
Lane Group Flow (vph)	0	430	2748	2165	275	0	0
Confl. Peds. (#/hr)					39		
Turn Type	Prot	Prot	NA	NA	Perm		
Protected Phases	5	5	2	6			
Permitted Phases					6		
Actuated Green, G (s)		24.1	150.0	115.9	115.9		
Effective Green, g (s)		24.1	150.0	115.9	115.9		
Actuated g/C Ratio		0.16	1.00	0.77	0.77		
Clearance Time (s)		5.0	5.0	5.0	5.0		
Vehicle Extension (s)		3.0	3.0	3.0	3.0		
Lane Grp Cap (vph)		551	5085	3929	1091		
v/s Ratio Prot		c0.13	c0.54	0.43			
v/s Ratio Perm					0.19		
v/c Ratio		0.78	0.54	0.55	0.25		
Uniform Delay, d1		60.4	0.0	6.7	4.8		
Progression Factor		0.94	1.00	0.39	0.41		
Incremental Delay, d2		5.5	0.3	0.4	0.4		
Delay (s)		62.6	0.3	3.1	2.4		
Level of Service		E	A	A	A		
Approach Delay (s)			8.7	3.0		0.0	
Approach LOS			A	A		A	
Intersection Summary							
HCM 2000 Control Delay			6.2		HCM 2000 Level of Service		A
HCM 2000 Volume to Capacity ratio			0.60				
Actuated Cycle Length (s)			150.0		Sum of lost time (s)		10.0
Intersection Capacity Utilization			60.8%		ICU Level of Service		B
Analysis Period (min)			15				
c Critical Lane Group							

HCM Signalized Intersection Capacity Analysis

3: Richards St/Halekauwila Street & Nimitz Hwy

03/21/2024



















Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↗	↑↑↑		↖	↑↑↑							
Traffic Volume (vph)	275	2381	6	97	2379	0	0	0	0	0	0	0
Future Volume (vph)	275	2381	6	97	2379	0	0	0	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	5.0		5.0	5.0							
Lane Util. Factor	1.00	0.91		1.00	0.91							
Frbp, ped/bikes	1.00	1.00		1.00	1.00							
Flpb, ped/bikes	1.00	1.00		1.00	1.00							
Frt	1.00	1.00		1.00	1.00							
Flt Protected	0.95	1.00		0.95	1.00							
Satd. Flow (prot)	1770	5083		1770	5085							
Flt Permitted	0.95	1.00		0.95	1.00							
Satd. Flow (perm)	1770	5083		1770	5085							
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	286	2480	6	101	2478	0	0	0	0	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	286	2486	0	101	2478	0	0	0	0	0	0	0
Confl. Peds. (#/hr)			7									
Turn Type	Prot	NA		Prot	NA							
Protected Phases	5	2		1	6							
Permitted Phases												
Actuated Green, G (s)	31.0	126.4		13.6	109.0							
Effective Green, g (s)	31.0	126.4		13.6	109.0							
Actuated g/C Ratio	0.21	0.84		0.09	0.73							
Clearance Time (s)	5.0	5.0		5.0	5.0							
Vehicle Extension (s)	3.0	3.0		3.0	3.0							
Lane Grp Cap (vph)	365	4283		160	3695							
v/s Ratio Prot	c0.16	0.49		0.06	c0.49							
v/s Ratio Perm												
v/c Ratio	0.78	0.58		0.63	0.67							
Uniform Delay, d1	56.3	3.6		65.8	10.9							
Progression Factor	1.04	0.55		1.00	1.00							
Incremental Delay, d2	9.1	0.5		7.9	1.0							
Delay (s)	67.4	2.5		73.7	11.9							
Level of Service	E	A		E	B							
Approach Delay (s)		9.2		14.3			0.0				0.0	
Approach LOS		A		B			A				A	
Intersection Summary												
HCM 2000 Control Delay			11.7		HCM 2000 Level of Service				B			
HCM 2000 Volume to Capacity ratio			0.70									
Actuated Cycle Length (s)			150.0		Sum of lost time (s)			10.0				
Intersection Capacity Utilization			69.5%		ICU Level of Service				C			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

5: Richards & Aloha Tower Dr

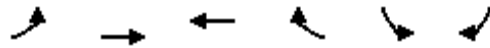
03/21/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	58	59	0	0	0	49	0	38	8	35	60
Future Volume (vph)	0	58	59	0	0	0	49	0	38	8	35	60
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Hourly flow rate (vph)	0	89	91	0	0	0	75	0	58	12	54	92
Direction, Lane #	EB 1	NB 1	NB 2	SB 1								
Volume Total (vph)	180	75	58	158								
Volume Left (vph)	0	75	0	12								
Volume Right (vph)	91	0	58	92								
Hadj (s)	-0.27	0.53	-0.67	-0.30								
Departure Headway (s)	4.3	5.6	4.4	4.3								
Degree Utilization, x	0.21	0.12	0.07	0.19								
Capacity (veh/h)	785	617	780	796								
Control Delay (s)	8.5	8.1	6.5	8.3								
Approach Delay (s)	8.5	7.4		8.3								
Approach LOS	A	A		A								
Intersection Summary												
Delay			8.1									
Level of Service			A									
Intersection Capacity Utilization			26.0%	ICU Level of Service	A							
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

6: Bishop Street

03/21/2024



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↶	↶		↶	
Traffic Volume (veh/h)	56	38	77	68	101	63
Future Volume (Veh/h)	56	38	77	68	101	63
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Hourly flow rate (vph)	67	46	93	82	122	76
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	175				314	134
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	175				314	134
tC, single (s)	4.1				*5.4	*5.2
tC, 2 stage (s)						
tF (s)	2.2				*3.0	*3.0
p0 queue free %	95				85	93
cM capacity (veh/h)	1401				811	1045

Direction, Lane #	EB 1	WB 1	SB 1
Volume Total	113	175	198
Volume Left	67	0	122
Volume Right	0	82	76
cSH	1401	1700	887
Volume to Capacity	0.05	0.10	0.22
Queue Length 95th (ft)	4	0	21
Control Delay (s)	4.7	0.0	10.2
Lane LOS	A		B
Approach Delay (s)	4.7	0.0	10.2
Approach LOS			B

Intersection Summary			
Average Delay		5.3	
Intersection Capacity Utilization	32.8%	ICU Level of Service	A
Analysis Period (min)	15		

* User Entered Value

HCM Signalized Intersection Capacity Analysis

7: Aloha Tower Dr - Fort St & Nimitz Hwy

03/21/2024



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑↑			↑↑↑↑		↘
Traffic Volume (vph)	2917	42	0	2530	85	26
Future Volume (vph)	2917	42	0	2530	85	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0			5.0		5.0
Lane Util. Factor	0.86			0.86		1.00
Frbp, ped/bikes	1.00			1.00		0.98
Flpb, ped/bikes	1.00			1.00		1.00
Frt	1.00			1.00		0.97
Flt Protected	1.00			1.00		0.96
Satd. Flow (prot)	6390			6408		1709
Flt Permitted	1.00			1.00		0.96
Satd. Flow (perm)	6390			6408		1709
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	3007	43	0	2608	88	27
RTOR Reduction (vph)	1	0	0	0	2	0
Lane Group Flow (vph)	3049	0	0	2608	113	0
Confl. Peds. (#/hr)	6				47	
Turn Type	NA			NA	Prot	
Protected Phases	2			6	8	
Permitted Phases						
Actuated Green, G (s)	109.3			109.3	30.7	
Effective Green, g (s)	109.3			109.3	30.7	
Actuated g/C Ratio	0.73			0.73	0.20	
Clearance Time (s)	5.0			5.0	5.0	
Vehicle Extension (s)	3.0			3.0	3.0	
Lane Grp Cap (vph)	4656			4669	349	
v/s Ratio Prot	c0.48			0.41	c0.07	
v/s Ratio Perm						
v/c Ratio	0.65			0.56	0.32	
Uniform Delay, d1	10.6			9.3	50.8	
Progression Factor	1.00			0.71	1.00	
Incremental Delay, d2	0.7			0.4	0.5	
Delay (s)	11.3			7.0	51.4	
Level of Service	B			A	D	
Approach Delay (s)	11.3			7.0	51.4	
Approach LOS	B			A	D	

Intersection Summary			
HCM 2000 Control Delay	10.2	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.58		
Actuated Cycle Length (s)	150.0	Sum of lost time (s)	10.0
Intersection Capacity Utilization	76.6%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

APPENDIX F
PEDESTRIAN CROSSING ASSESSMENT

TCRP Report 112 - NCHRP Report 562 - Pedestrian Crossing Treatment Worksheet

Worksheet 1: Peak-Hour, 35 MPH or Less

Analyst and Site Information

Analyst: JTM
 Analysis Date: Monday, March 11, 2024
 Data Collection Date: Thursday, February 1, 2024
 Major Street: Aloha Tower Drive
 Minor Street or Location: Midblock
 Peak Hour: PM Peak

Step 1: Select worksheet (speed reflects posted or statutory speed limit or 85th percentile speed on the major street):
 a) Worksheet 1 - 35 mph or less
 b) Worksheet 2- exceeds 35 mph, communities with less than 10,000, or where major transit stop exists

Step 2: Does the crossing meet minimum pedestrian volumes to be considered for a TCD type of treatment?

2a Peak-hour pedestrian volume (ped/h), vp **2a** 514
 o If 2a ≥ 20 ped/h, then go to Step 3.
 o If 2a < 20 ped/h, then consider median refuge islands, curb extensions, traffic calming, etc. as feasible.

Step 3: Does the crossing meet the pedestrian volume warrant for a traffic signal?

3a Major road volume, total of both approaches during peak hour (veh/h), V maj-s **3a** 284

3b o Minimum signal warrant volume for peak hour (use 3a for Vmaj-s), SC **3b** 720.93
 • SC = 0.00021 Vmaj-s² - 0.74072 Vmaj-s + 734.125/0.75 OR
 • [(0.00021 3a² - 0.74072 3a + 734.125)/0.75]

3c o If 3b < 133, then enter 133. If 3b ≥ 133, then enter 3b. **3c** 720.93104

3d o If 15th percentile crossing speed of pedestrians is less than 3.5 ft/s (1.1 m/s), then **3d** 720.93104
 reduce 3c by up to 50 percent; otherwise enter 3c.
 o If 2a ≥ 3d, then the warrant has been met and a traffic signal should be considered if not within 300 ft of another traffic signal. Otherwise, the warrant has not been met. Go to Step 4.

Step 4: Estimate pedestrian delay.

4a Pedestrian crossing distance, curb to curb (ft), L **4a** 70

4b Pedestrian walking speed (ft.s), Sp **4b** 3.5

4c Pedestrian start-up time and end clearance time (s), ts **4c** 5

4d o Critical gap required for crossing pedestrian (s), tc = (L/Sp) + ts OR [(4a/4b) + 4c] **4d** 25.00

4e Major road volume, total of both approaches or approach being crossed if median refuge island is present during peak hour (veh.h), Vmaj-d **4e** 284

4f o Major road flow rate (veh/s), v = Vmaj-d/3600 OR [4e/3600] **4f** 0.08

4g o Average pedestrian delay (s/person), dp = (e^{vtc} - vtc - 1) / v OR [(e^{4f x 4d} - 4f x 4d - 1) / 4f] **4g** 53.42

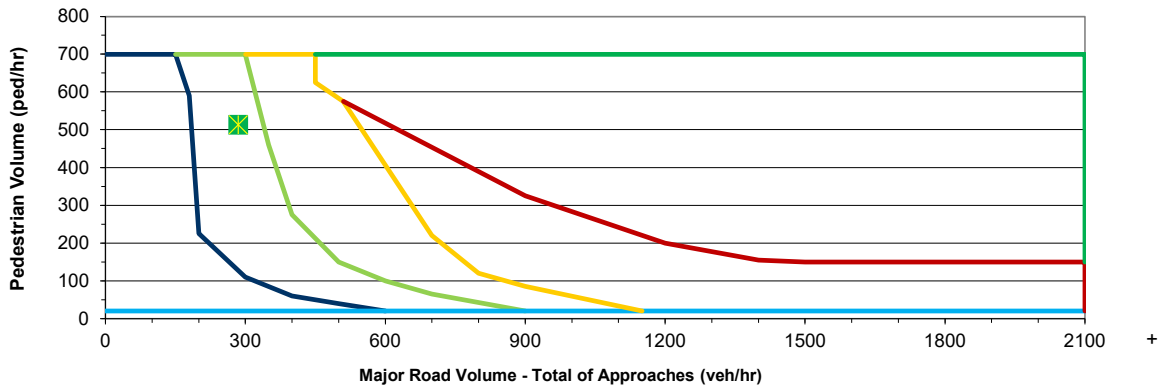
4h o Total pedestrian delay (h), Dp = (dp x Vp) / 3600 OR [(4g x 2a) / 3600] **4h** 7.63
 (this is estimated delay for all pedestrians crossing the major roadway without a crossing treatment - assumes 05 compliance). This calculated value can be replaced with the actual total pedestrian delay measured at the site.

Step 5: Select treatment based upon total pedestrian delay and expected motorist compliance.

5a Expected motorist compliance at pedestrian crossings in region, Comp = high or low **5a** HIGH

Total Pedestrian Delay Dp (4h) and Comp (5a)	Treatment Category (see Descriptions of Sample Treatments for examples)
Dp ≥ 21.3h (Comp = high or low) OR 5.3h ≤ Dp < 21.3 h and Comp = low	DO NOT USE RED
1.3h ≤ Dp < 21.3h and Comp = high or low) OR 5.3 ≤ Dp < 21.3 h and Comp = high	USE ACTIVE OR ENHANCED
Dp < 1.3 h (Comp = high or low)	DO NOT USE CROSSWALK

Roadway Configuration: 66' Wide, <35 mph, Vped = 3.5 ft/s



LEGEND
Study Intersection
Signal
Enhanced-High Visibility/Active when Present
Red
Enhanced-High Visibility/Active when Present (if high compliance expected) OR Red (if low compliance expected)
Striped Crosswalk
No Treatment

DESCRIPTIONS OF TREATMENT TYPE		
RED	ENHANCED-HIGH VISIBILITY/ACTIVE WHEN PRESENT	
	Active When Present	Enhanced/High Visibility
<ul style="list-style-type: none"> • Midblock Signal • Half Signal • HAWK 	<ul style="list-style-type: none"> • In Roadway Warning Lights • Passive/Pushbutton Flashing Beacons • Pedestrian Crossing Flags • Rapid Rectangular Flashing Beacons 	<ul style="list-style-type: none"> • In-Street Crossing Signs • High Visibility Signs/Markings • Pedestrian Refuge Islands • Raised Crosswalks • Curb Extensions • Advanced Signage • Advanced Stop/Yield Lines • Constant Flashing Yellow Beacons

APPENDIX G
TRANSIT LOS

Multimodal Transit LOS Calculation									
	Aloha Tower EB	Ala Moana WB	Bishop SB	Alakea NB	Queen WB	Queen EB	King EB		
Inputs	1	2	3	4	5	6	7		
TRANSIT OPERATIONS INFORMATION									
	Number of local buses on street segment per hour (bus/h)	5	7	13	10	4	4		18
	Number of express buses stopping in segment per hour (bus/h)	0	1	0	1	0	0		7
t _{ex}	Average excess wait time (min)	5.4	2.0	5.0	2.5	3.4	4.1		4.9
L _f	Average passenger load factor (p/seat)	0.3	0.5	0.3	0.5	0.3	0.3		0.5
S	Average transit travel speed (mi/h)	9.7	11.5	5.0	9.1	7.5	8.0		8.0
l _{pt}	Average passenger trip length (mi)	9.9	7.5	8.9	7.5	2.1	3.5		10.5
	Is the segment in the CBD of a metro area of 5 million or more?	No	No	No	No	No	No		No
TRANSIT AMENITY DATA									
p _{sh}	Percent stops in segment with a shelter	100%	100%	0%	0%	25%	0%		0%
p _{be}	Percent stops in segment with a bench	100%	100%	100%	100%	100%	100%		50%
PEDESTRIAN ENVIRONMENT DATA									
W _A	Sidewalk width (ft) (Enter 0 if no sidewalk)	13.0	8.0	8.0	8.0	8.0	8.0		6.0
W _{buf}	Buffer width from sidewalk to street (ft)	0.0	0.0	0.0	0.0	0.0	0.0		0.0
	Does a continuous barrier exist between the street and sidewalk?	No	No	No	No	No	No		No
	Is the street divided?	No	Yes	No	No	No	No		No
	Are parking spaces striped?	No	No	No	No	No	No		No
p _{pk}	Proportion of on-street parking occupied	0%	0%	0%	0%	0%	0%		0%
W _{bl}	Bicycle lane width (ft)	0.0	0.0	0.0	0.0	0.0	0.0		0.0
W _{os}	Shoulder/parking lane width (ft)	0.0	0.0	0.0	0.0	0.0	0.0		0.0
W _{ol}	Outside travel lane (closest to sidewalk) width (ft)	20.0	12.0	10.0	10.0	10.0	10.0		12.0
V _m	Outside lane demand flow rate at midsegment (veh/h)	150	700	300	300	400	400		400
S _R	Average vehicle running speed, including intersection delay (mi/h)	25.0	35.0	30.0	30.0	30.0	30.0		30.0
Calculations									
f	Transit frequency (bus/h)	5	8	13	11	4	4		25
f _h	Headway factor	3.00	3.34	3.58	3.51	2.80	2.80		3.78
f _{pl}	Passenger load weighting factor	1.00	1.00	1.00	1.00	1.00	1.00		1.00
T _{at}	Perceived amenity time rate (min/mi)	0.2	0.2	0.0	0.0	0.3	0.1		0.0
T _{ex}	Excess wait time rate due to late arrivals (min/mi)	0.5	0.3	0.6	0.3	1.6	1.2		0.5
T _{ptt}	Perceived travel time rate (min/mi)	7.1	5.6	13.1	7.2	11.0	9.8		8.4
T _{btt}	Base travel time rate (min/mi)	4.0	4.0	4.0	4.0	4.0	4.0		4.0
f _{tt}	Perceived travel time factor	0.80	0.88	0.65	0.79	0.69	0.71		0.75
S _{w-r}	Transit wait-ride score	2.40	2.94	2.32	2.79	1.92	1.99		2.84
f _s	Motorized vehicle speed adjustment factor	0.25	0.49	0.36	0.36	0.36	0.36		0.36
f _v	Motorized vehicle volume adjustment factor	0.34	1.59	0.68	0.68	0.91	0.91		0.91
W _{aA}	Adjusted available sidewalk width (ft)	10.0	8.0	8.0	8.0	8.0	8.0		6.0
f _{sw}	Sidewalk width coefficient	3.00	3.60	3.60	3.60	3.60	3.60		4.20
f _b	Buffer area coefficient	1.00	1.00	1.00	1.00	1.00	1.00		1.00
W _t	Total width of outside lane, bike lane, and parking lane/shoulder (ft)	20.0	12.0	10.0	10.0	10.0	10.0		12.0
W _v	Effective total width as a function of traffic volume (ft)	25.0	12.0	10.0	10.0	10.0	10.0		12.0
W ₁	Effective width of combined bike lane and shoulder (ft)	0.0	0.0	0.0	0.0	0.0	0.0		0.0
f _w	Cross-section adjustment factor	-4.92	-4.55	-4.49	-4.49	-4.49	-4.49		-4.44
I _p	Pedestrian environment score	1.72	3.58	2.60	2.60	2.83	2.83		2.88
	Pedestrian LOS	A	D	B	B	C	C		C
I _t	Transit LOS score	2.66	2.13	2.90	2.21	3.55	3.44		2.18
Output									
	Transit LOS	B	B	C	B	D	C		B

APPENDIX G

Wilson Okamoto Corporation
Preliminary Engineering Report for
Tradewinds Garden and Glass

DRAFT

**PRELIMINARY ENGINEERING REPORT
CIVIL INFRASTRUCTURE**

TRADEWINDS GARDEN AND GLASS

**Honolulu, Oahu, Hawaii
Tax Map Key (1) 2-1-014:006, 2-1-001:057 & 058**

Prepared For:

GARDEN ART, LLC
999 Bishop St, Suite 1250
Honolulu, Hawaii 96813

Prepared By:

Wilson Okamoto Corporation
Engineers and Planners
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826
WOC Job No. 10815-01

APRIL 2024

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APPENDICES

Appendix A – Sanitary Sewer System Information

Appendix B – Water Adequacy Request

EXECUTIVE SUMMARY

Garden Art, LLC intends to redevelop the existing 2.43 acres of property currently occupied by the HECO Power Station & Hawaiian Maritime Museum into the proposed Tradewinds Garden and Glass located in Honolulu on the island of Oahu. The areas designated for redevelopment are occupied by the State of Hawaii and the Hawaiian Electric Co Inc (HECO). The project site is identified by Tax Map Key(s) (1) 2-1-001:057 with a portion of 058, and a portion of unit 6 identified by TMK (1) 2-1-014:006 respectively. The project proposes to transform and modernize the area into a vibrant cultural destination by establishing the Tradewinds Garden and Glass. The proposed project will introduce new art galleries, gardens, educational facilities, and additional complementary features.

In support of the EA process, and project planning efforts, a Preliminary Engineering Report (PER) was conducted by Wilson Okamoto Corporation (WOC) to evaluate site infrastructure and utility systems for the Tradewinds Garden and Glass development, review the existing site infrastructure improvements, determine the project requirements related to the roadway and parking facilities, site grading, storm drainage system, sanitary sewer system, and water system, and, based on the project requirements, determine required improvements, and identify possible opportunities and constraints for redevelopment. These findings are summarized and articulated in the contents of this Preliminary Engineering Report.

1. INTRODUCTION

1.1 Background

The existing project site spans two primary areas: Pier 7 of Honolulu Harbor and a portion from unit 6 of the HECO Power Plant.

The existing Pier 7 property occupied by the Hawaii Maritime Center is located at 171 Aloha Tower Drive in Honolulu identified by Tax Map Keys (TMK) (1) 2-1-001:057 and 58 (See Figure 1-1, 1-2, & 1-3). This portion of the project is approximately 0.9 acres or 39,918 square feet. The State of Hawaii is the owner of Pier 7 and is located in the Aloha Tower Complex managed by the Aloha Tower Development Corporation (ATDC), HDOT-Harbors controls the Pier 7 property and is the leaser. The project site is bounded by the HECO Power Plant to the northeast, and Honolulu Harbor around the rest of the site (See Figure 1-3).

Hawaiian Electric Co Inc (HECO) is the owner of the existing HECO Power Plant, identified by TMK parcel (1) 2-1-014:006. This project covers a portion from unit 6 of the parcel which is approximately 1.5 acres or approximately 65,913 square feet (See Figure 1-2). The project site is adjacent to the Hawaii Maritime Center and Honolulu Harbor to the southwest, Aloha Tower Marketplace to the west, and Irwin Memorial Park to the northwest.

1.2 Proposed Project

The Garden Art, LLC is proposing to develop the Tradewinds Garden and Glass which provides art galleries, gardens, educational facilities, and additional complementary features, fostering a supportive environment for both local and international artists, as well as established and emerging talents.

The goals and objectives of the Proposed Project are to:

- Align the Proposed Project with the Honolulu Waterfront Master Plan and development objectives of the ATDC;
- Revitalize and modernize the existing Maritime Center and the HECO Power Plant into a garden and art attraction to provide a variety of experiences at the water's edge;
- Foster and promote visual art and creative expression;
- Showcase glass art installations; and serve as an educational resource by implementing programs, classes, demonstrations, and excursions designed to educate all segments of the population about art and the science of glass art.

1.3 Purpose

This Preliminary Engineering Report (PER) is prepared in support of the EA process and project planning effort to provide an evaluation of the civil infrastructure and utility systems for Pier 7 of the Honolulu Harbor and a portion from unit 6 of the HECO Power Plant. The objective of this report is to provide a broad evaluation of the site infrastructure and utility systems present on the project site, through reviewing the existing site infrastructure improvements, determining the project requirements related to the roadway and parking facilities, site grading, storm drainage system, sanitary sewer system, and water system, and based on anticipated project requirements extrapolated from the development, determine required improvements, and identify possible opportunities and constraints for the following:

- Roadway, parking, and access
- Site grading and flood hazard
- Storm drainage system
- Sanitary sewer system
- Water supply system
- Natural gas

The assessment of existing site characteristics and utilities for the project site is based on available data obtained from the City's Honolulu Land Information System (HoLIS) database, record information, as-built plans, and a review of aerial and street level photography obtained from the Google Earth database. In addition, letters were sent to appropriate City and County of Hawaii and other utility agencies with the proposed project requirements for each development scenario to determine capacities and the agency's ability to service the redevelopment demands.

The proposed improvements are conceptual and subject to change based on further development of plans and availability of additional information. The conceptual layouts that are being analyzed for the PER do not constitute any final locations for the project but serve to create a 'case study' for analysis.

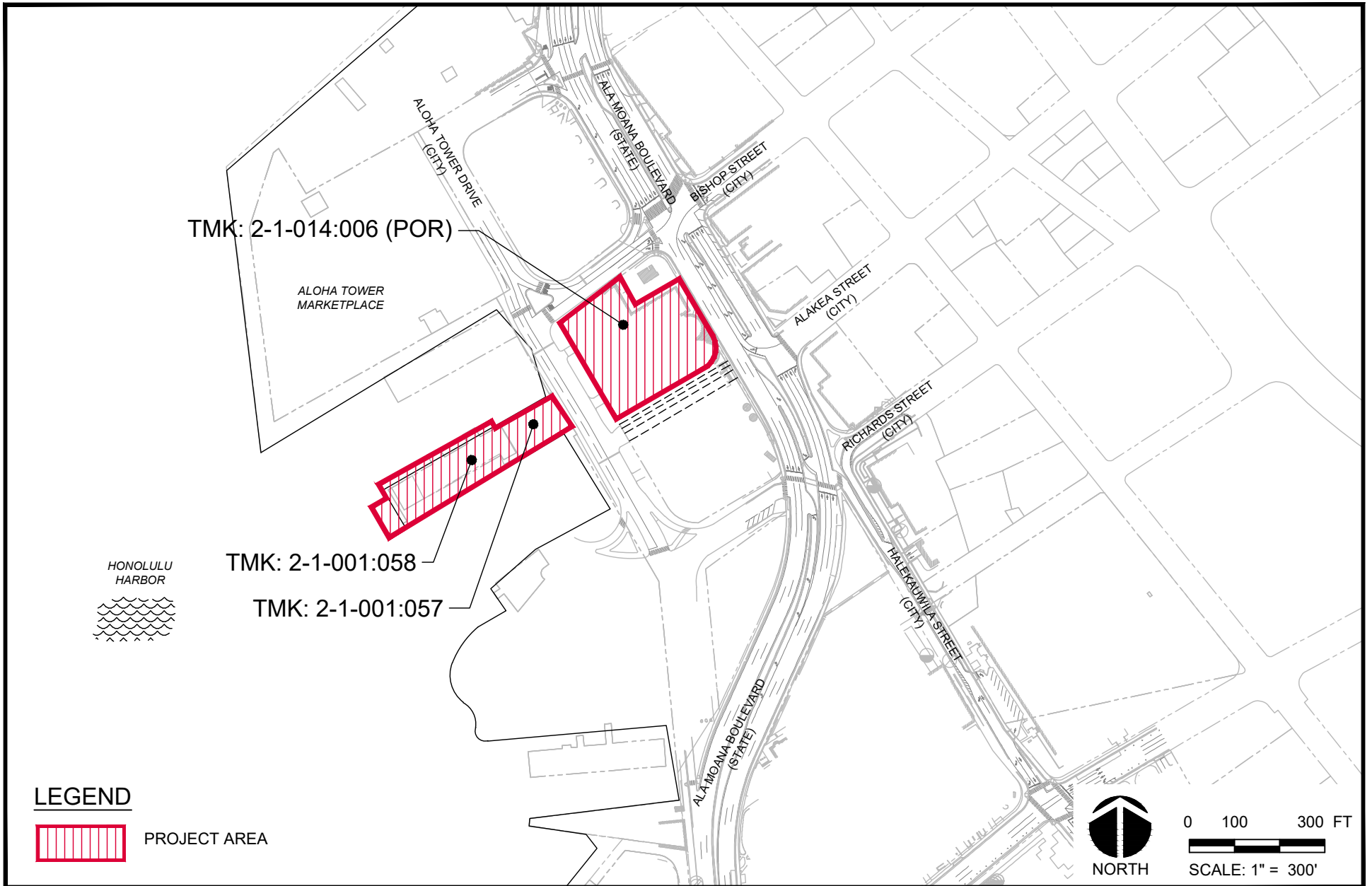


FIGURE 1-2
TMK MAP



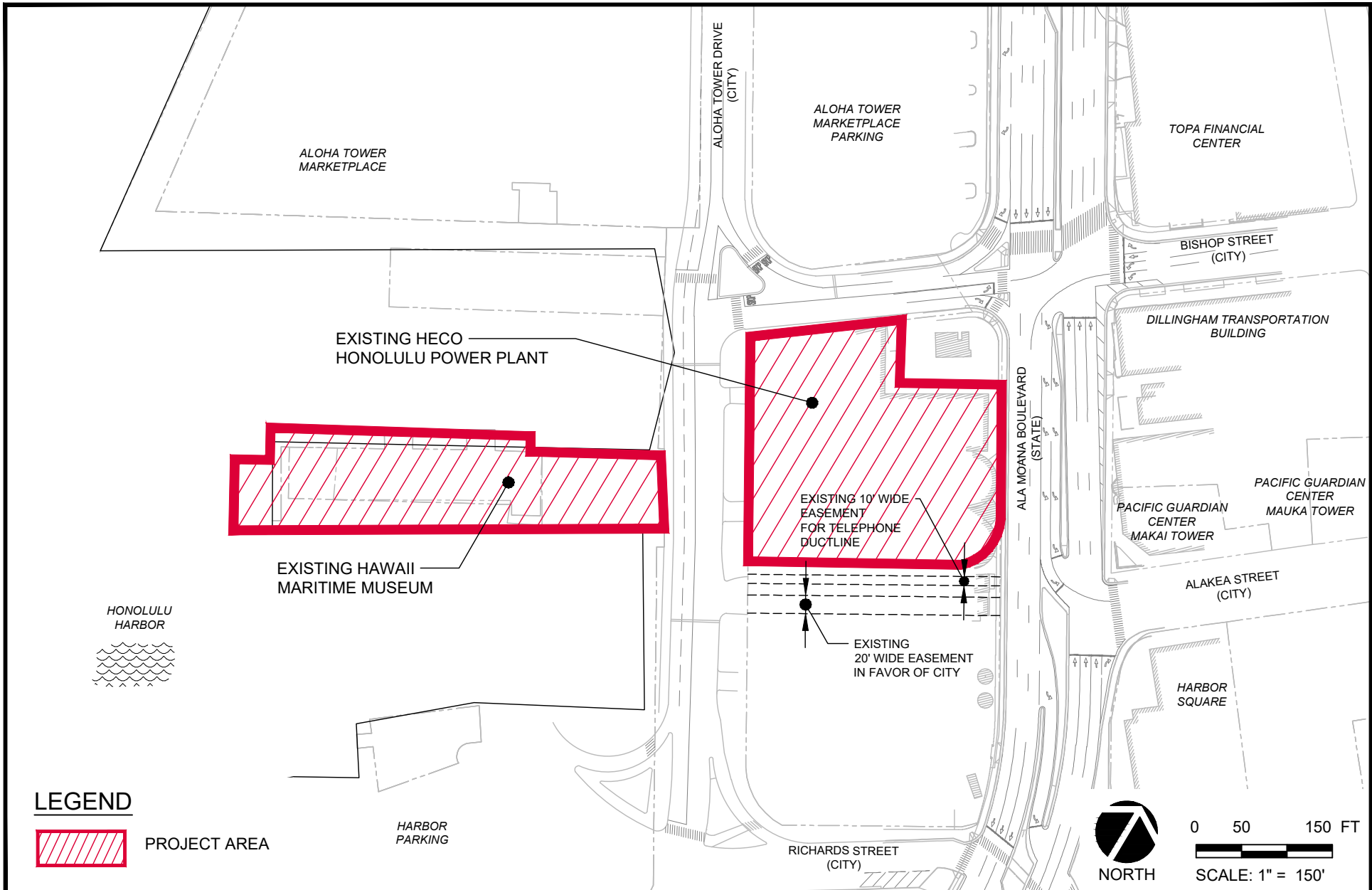


FIGURE 1-3
EXISTING SITE CONDITION



2. ROADWAY AND ACCESS

2.1 Existing Conditions

The Pier 7 portion of the project site is situated southeast of Aloha Tower adjacent to Aloha Tower Drive. Aloha Tower Drive is a two-lane, two-way roadway and is owned and maintained by the City and County of Honolulu (CCH). The existing access point to Pier 7 is located along Aloha Tower Drive fronting the existing property.

The HECO Power Plant is bounded by Bishop Street, Ala Moana Boulevard, and Aloha Tower Drive. Bishop Street is a 4-lane, two-way roadway and is owned and maintained by the City and County of Honolulu (CCH). There are two existing access ways onto the HECO Power Plant property located mid-block along Bishop Street and Aloha Tower Drive. Ala Moana Boulevard is a 6-lane, two-way state highway which does not allow access to the proposed project site.

City Bus routes run along Aloha Tower Drive, with a bus stop fronting the Pier 7 project site. There is also a westbound bus stop along Ala Moana Blvd directly across Richards Street. Pedestrian walkways are in place all along Aloha Tower Drive and two adjacent crosswalks on both sides of the HECO Power Plant property along Ala Moana Blvd.

There are two parking lots located in the vicinity of the project site allowing paid parking for the proposed project. There is an existing Aloha Tower Marketplace parking lot located north of the project site with an ingress and egress located along Aloha Tower Drive. There is also an existing parking lot located south of the project site adjacent to the Atlantic Cruises Office with an ingress and egress at the intersection of Aloha Tower Drive and Richards Street.

The Honolulu Rail Transit plans to use approximately 2,000 square feet of the HECO Power Plant property to construct the Kuloloia Station. The future station will be located at the Ala Moana Boulevard and Bishop Street intersection on the north corner of the HECO Power Plant property.

2.2 Proposed Improvements

A new crosswalk will be proposed to be located directly in front of the Pier 7 property along Aloha Tower Drive allowing pedestrians to have access to and from the existing Pier 7 and HECO Power Plant properties. The Tradewinds Garden and Glass project also proposes to extend the curb into the Bishop Street roadway to allow for a new sidewalk and planting buffer for the future Kuloloia Rail Station.

New roadways, walkways, and a crosswalk layout for the proposed project will be designed to meet applicable State and or City requirements. Geometrics and pavement structure for proposed driveways and fire lanes will need to be designed based on the appropriate design vehicles. Proposed pavement structures will follow the Soils Engineer's recommendations. Circulation walkways and parking lot layout dimensions will be laid out and installed in compliance with Americans with Disabilities Act (ADA) Accessibility Guidelines to the maximum extent practicable.

As the redevelopment progresses and site plans are developed, consultation with the appropriate jurisdictions having authority will be required to determine vehicular driveway locations, provide adequate sight distance, pedestrian sidewalk requirements, bicycle facilities, and emergency vehicle access lanes.

Evaluation of the traffic impacts associated with the proposed project are documented in the *Draft Traffic Impact Report for the Tradewinds Garden and Glass* which is appended to the EA.

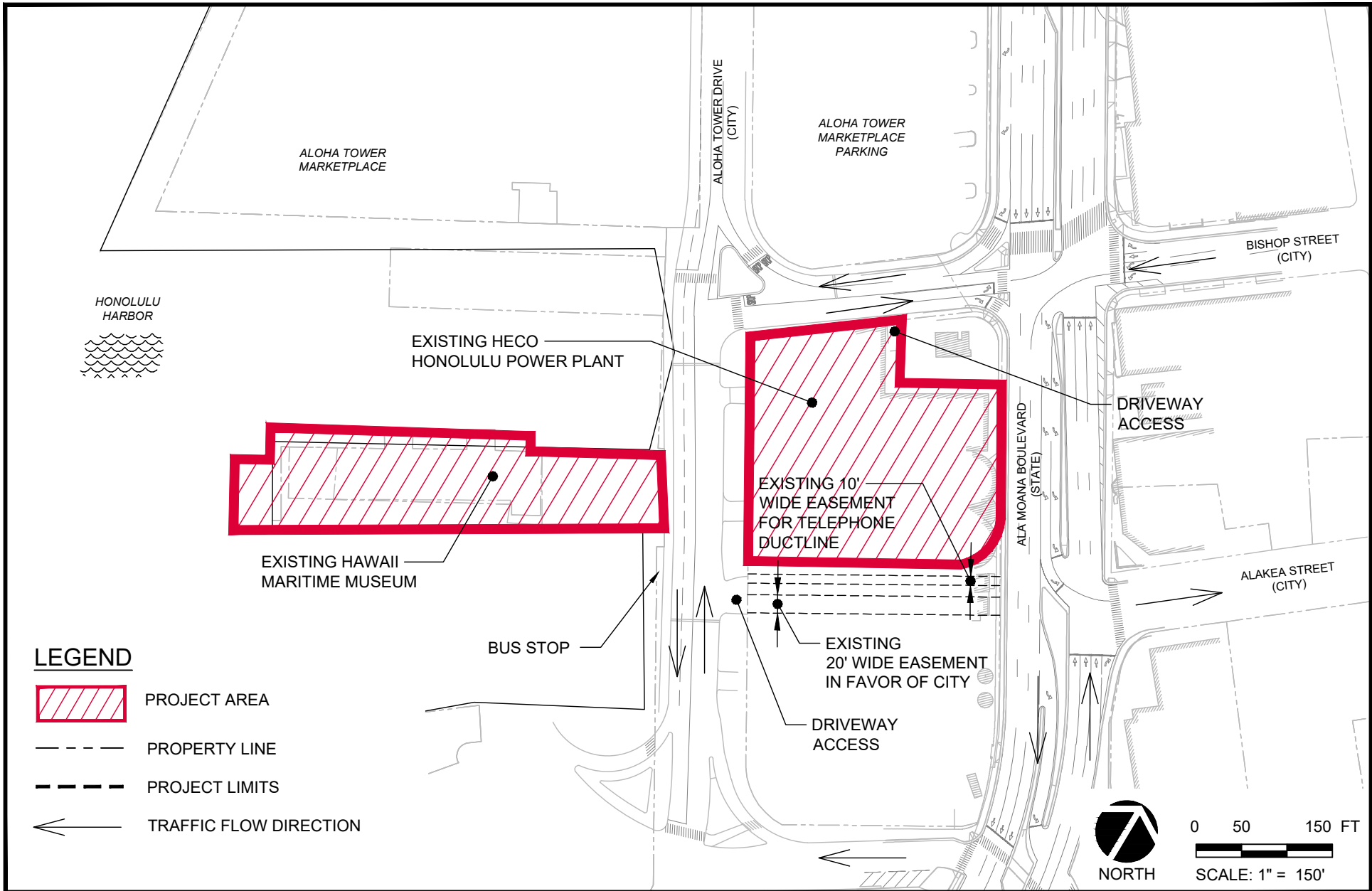


FIGURE 2-1
EXISTING ROADWAY SYSTEM



3. SITE GRADING, SOIL, AND FLOOD HAZARD

3.1 Existing Conditions

The project site was built with the prior development of the existing Maritime Center and HECO Power Plant. The project site generally slopes from east to west with elevations ranging from 5-feet to 10-feet above mean sea level (MSL).

3.1.1 Soil

Soil series and mapping units for the island of Oahu are found in maps on the United States Department of Agriculture online web soil survey, and soil physical properties are found in the "Soil Survey of islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii" dated January 1, 1972, prepared by the U.S. Department of Agriculture, Soil Conservation Service (currently Natural Resources Conservation Services). The underlying soil within the project site consists of mixed fill land (See Figure 3-1). The soil characteristics are described below:

Fill land, mixed (FL): This soil occurs as mixed areas containing gravelly sandy loam, fine sandy loam, and bedrock. Permeability is moderately low, and runoff is slow.

3.1.2 Flood Hazard

Flood hazard assessment was based on The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel No: 15003C0362G dated January 19, 2011. According to FEMA, a majority of the Pier 7 project site is located in the Zone VE which is defined as a "Coastal flood zone with velocity hazards." The HECO Power Plant project site is located in the Zone AE and X limits where Zone AE is defined as a "High Risk for Flooding" while Zone X is "determined to be outside of the 0.2% annual chance of flooding". Base flood elevations are determined for both zones VE and AE (See Figure 3-2).

The parcels are located in the tsunami evacuation zone as established by the Oahu Civil Defense.

3.2 Proposed Improvements

The project site will be graded to provide positive drainage for storm water runoff to flow towards onsite drain inlets or sheet flow offsite. Storm water runoff in excess of the existing conditions will need to be retained onsite. Accessible walkway layouts, dimensions, and slopes will comply with ADA Accessibility Guidelines.

Final grading will be verified during the design phase. Site grading will follow the Geotechnical Engineer's recommendations conforming to Chapter 14, Article 15 of the Revised Ordinances of Honolulu (ROH) "Grading, Grubbing and Stockpiling" as amended. All grading and construction activities will comply with the Rules Relating to Water Quality, Department of Planning and Permitting (DPP), CCH, amended September 17, 2018, to control soil erosion and ensure that the discharge of pollutants from the construction site will be reduced to the maximum extent practicable (MEP).

Temporary erosion control measures will be installed prior to any demolition and/or construction activities. Recommended Structural Best Management Practices (BMPs) include silt fence, filter sock, stabilized construction ingress/egress, and sediment control filters at drain inlets and catch basins as required.

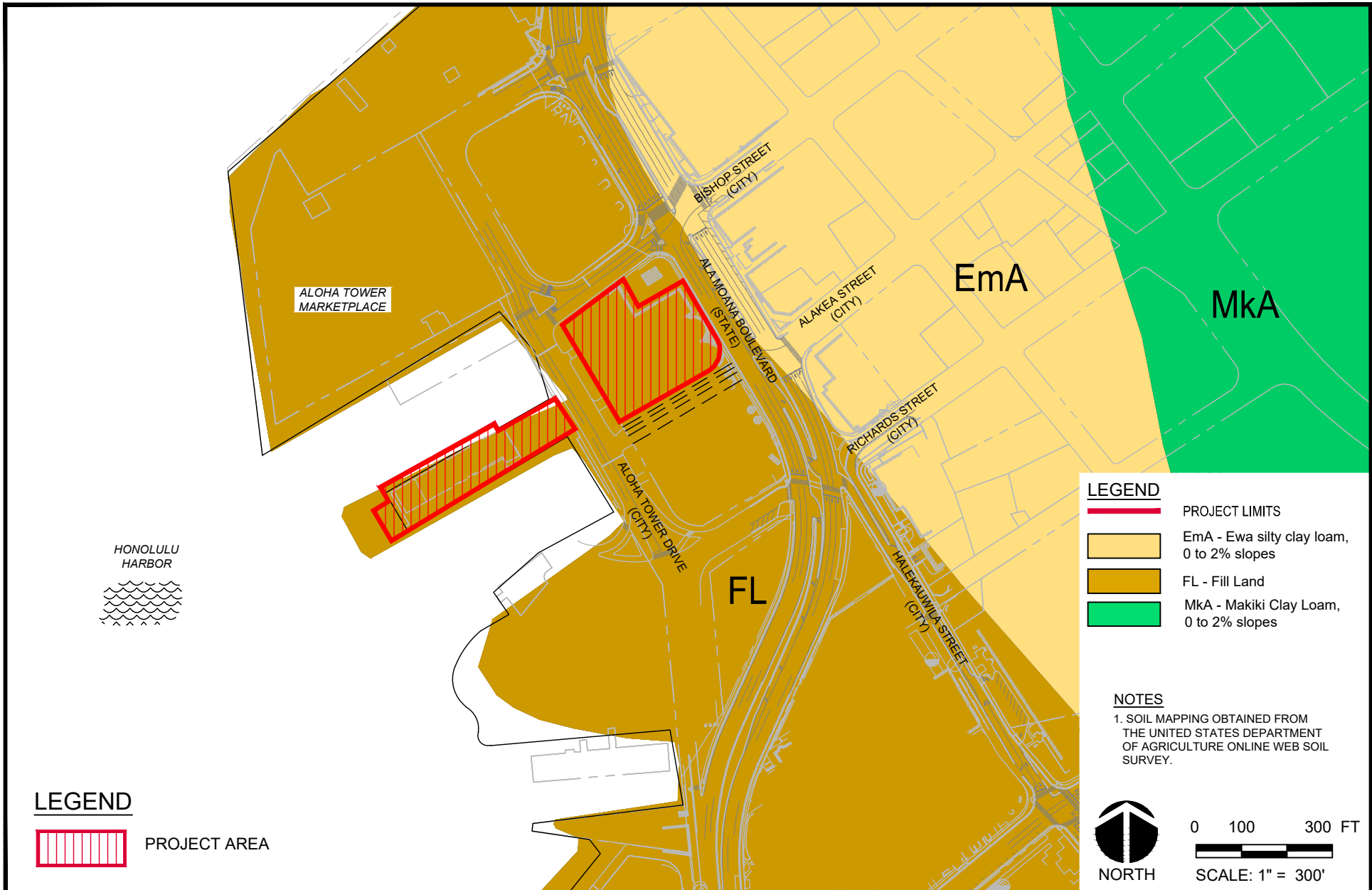
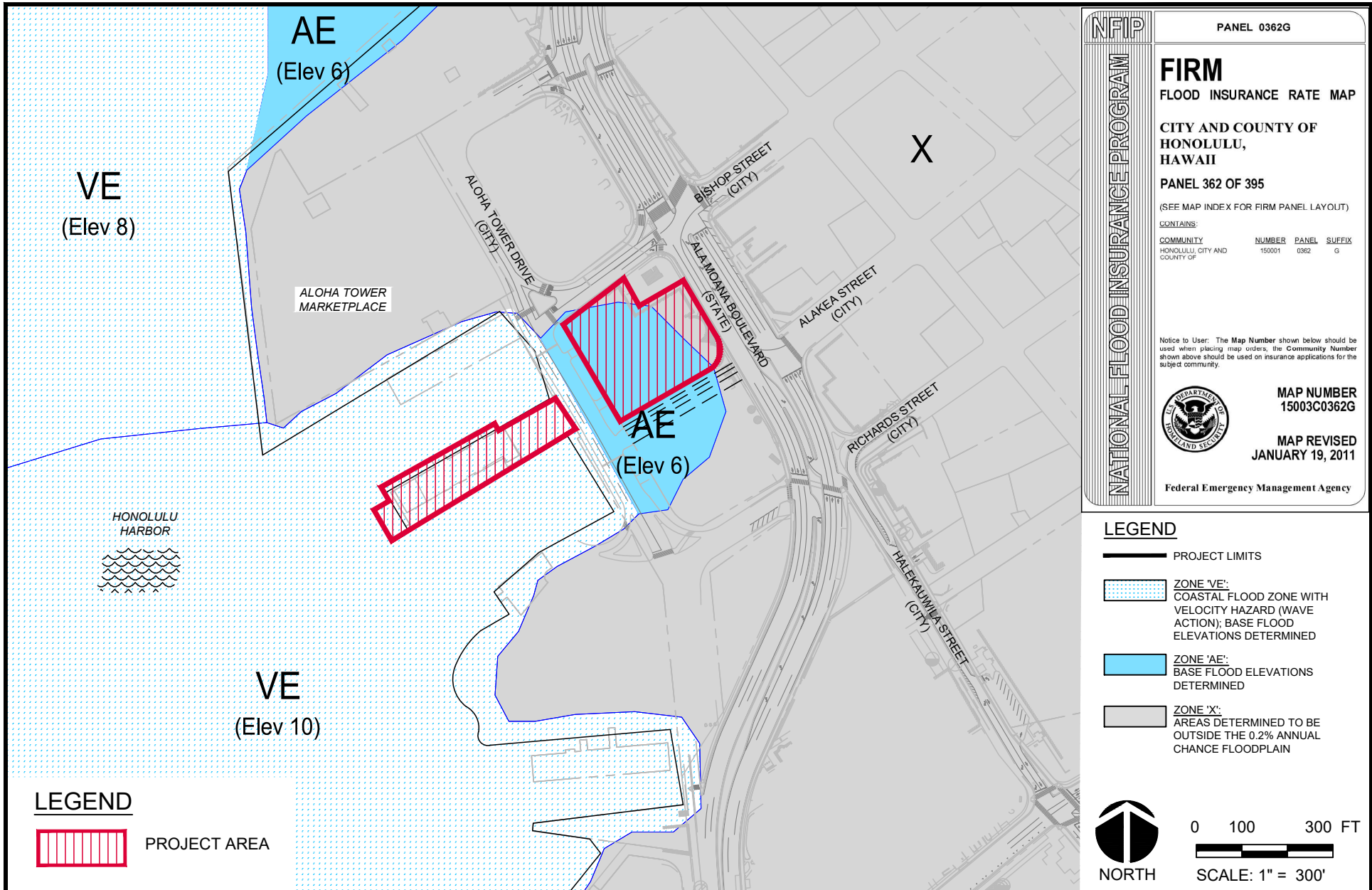


FIGURE 3-1
SOIL CLASSIFICATION MAP

TRADEWINDS GARDEN AND GLASS | HONOLULU, O'AHU, HAWAII'





NFIP PANEL 0362G

FIRM
FLOOD INSURANCE RATE MAP

CITY AND COUNTY OF HONOLULU, HAWAII

PANEL 362 OF 395

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HONOLULU, CITY AND COUNTY OF	150001	0362	G

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 15003C0362G

MAP REVISED JANUARY 19, 2011

Federal Emergency Management Agency



FIGURE 3-2
FLOOD INSURANCE RATE MAP

4. UTILITY ANALYSIS

4.1 Storm Drainage

4.1.1 Existing Conditions

The Pier 7 project site currently has no onsite underground storm drainage system and is graded such that stormwater from the site sheet flows directly into Honolulu Harbor.

The HECO Power Plant collects stormwater onsite via drain inlets and downspouts which connect to either the 66" box culvert at the northwest corner of the property or to 36" main running through a 20' wide city utility easement running between the existing HECO Power Plant. Both systems eventually discharge into Honolulu Harbor.

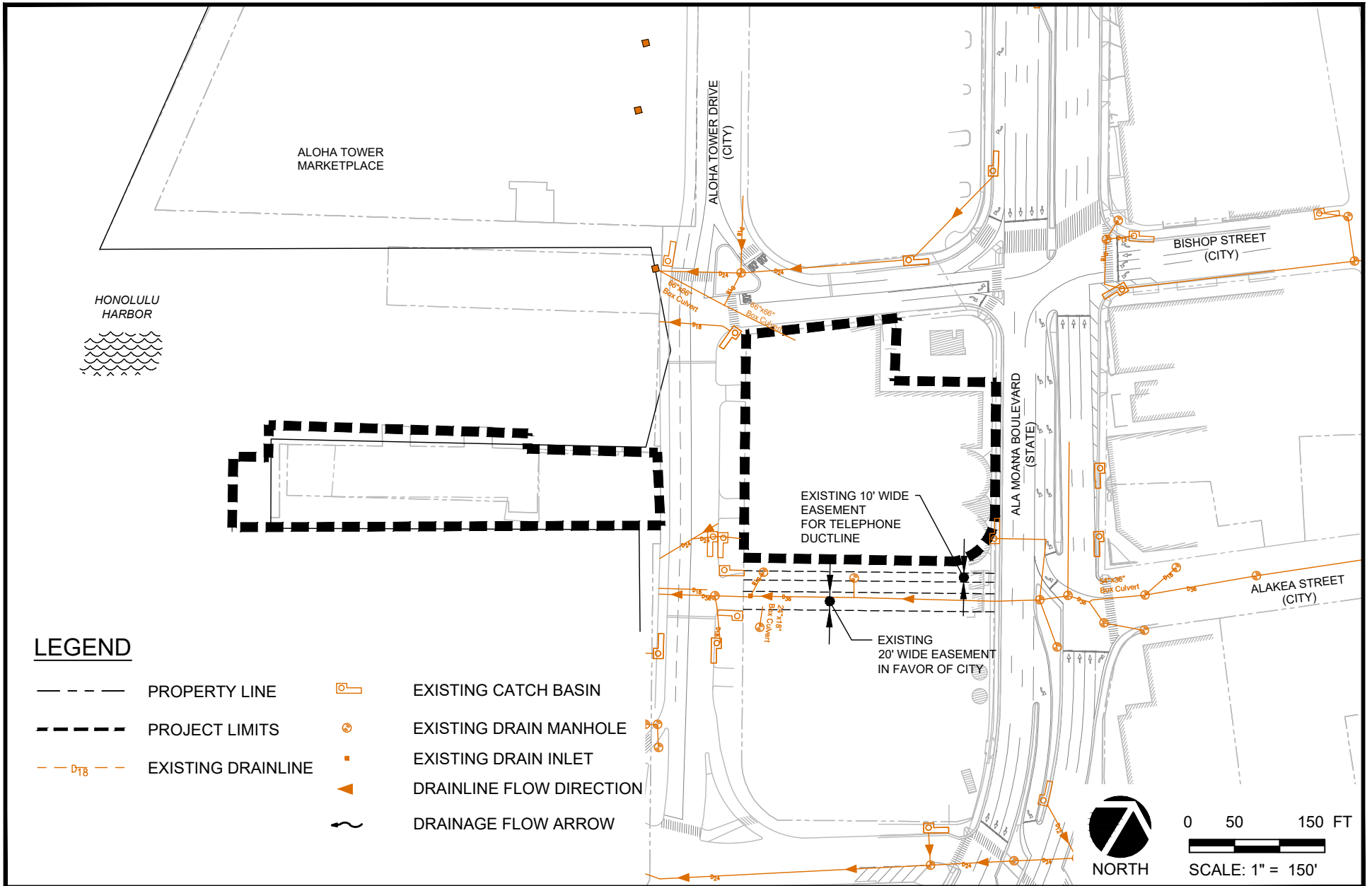


FIGURE 4-1

EXISTING STORM DRAINAGE SYSTEM

TRADEWINDS GARDEN AND GLASS | HONOLULU, O'AHU, HAWAII



4.1.2 Project Requirements

Drainage runoff rates for the proposed improvements are determined herein based on the CCH DPP, Storm Drainage Standards, dated August 2017. Any increase in runoff due to the proposed improvements will need to be retained onsite to ensure that the project will not have any adverse effects on downstream properties.

In addition, it is anticipated that drainage improvements will also be required to comply with the City's Rules Relating to Water Quality amended September 2018. Under these rules, projects that disturb more than one (1) acre of land are classified as 'Priority A' projects.

Priority A projects are required (unless determined to be infeasible) to:

- Incorporate appropriate Low Impact Development (LID) site design strategies to the "maximum extent practicable" (MEP).
- Incorporate appropriate Source Control BMPs to the MEP.
- Retain on-site by infiltration, evapotranspiration, or harvest/reuse as much of the water quality volume (WQV) as feasible with appropriate LID Retention Post-Construction Treatment Control BMPs.
- Biofilter any portion of the WQV that is not retained on-site with appropriate LID Biofiltration Post-Construction Treatment Control BMPs.

If it is determined to be infeasible to retain and/or biofilter the Water Quality Volume, the City rules require the project to:

- Treat (by detention, filtration, settling, or vortex separation) and discharge with appropriate Alternative Compliance Post-Construction Treatment Control BMPs, any portion of the WQV that is not retained on-site or biofiltered.
- Retain or biofilter at an offsite location, the volume of runoff from a non-tributary drainage area equivalent to the difference between the project's WQV and the amount retained on-site or biofiltered.

Appropriate BMP measures include but are not limited to: infiltration basins and trenches, subsurface infiltration systems, dry wells, bioretention basins, permeable pavement, green roofs, vegetated bio-filters, enhanced swales, detention basins, sand filters, vegetated swales, and buffer strips.

4.1.3 Proposed Improvements

Drainage runoff patterns from the proposed development will generally remain unchanged allowing rainfall runoff to be collected via existing onsite drain inlets, drain manholes, and underground piping with rainfall eventually flowing offsite into the Honolulu Harbor.

The final drainage improvements will be determined during the design phase of the project and maintain the existing discharge pattern to the city drainage system. As required by the Storm Drainage Standards, DPP, CCH, dated August 2017, storm water quality measures will be installed to treat the water quality volume.

4.2 Sanitary Sewer System

4.2.1 Existing Conditions

The existing offsite wastewater collection system in the vicinity of Pier 7 and the HECO Power Plant is operated and maintained by the CCH. There is an existing 8-inch sewer main running along Aloha Tower Drive and the 20-foot-wide Easement "B" (City) from south to north located between the HECO Power Plant property in the Alakea Street extension. This 8-inch sewer main then connects to an existing 28-inch sewer main along Ala Moana Boulevard and is ultimately treated at the Sand Island Wastewater Treatment Plant (WWTP). There are two 6-inch laterals connecting to the existing HECO Power Plant, one of which connecting off of Aloha Tower Drive to the east and the other within the easement to the south. There is one 6-inch lateral from the Maritime Museum connection to the 8" main within Aloha Tower Drive.

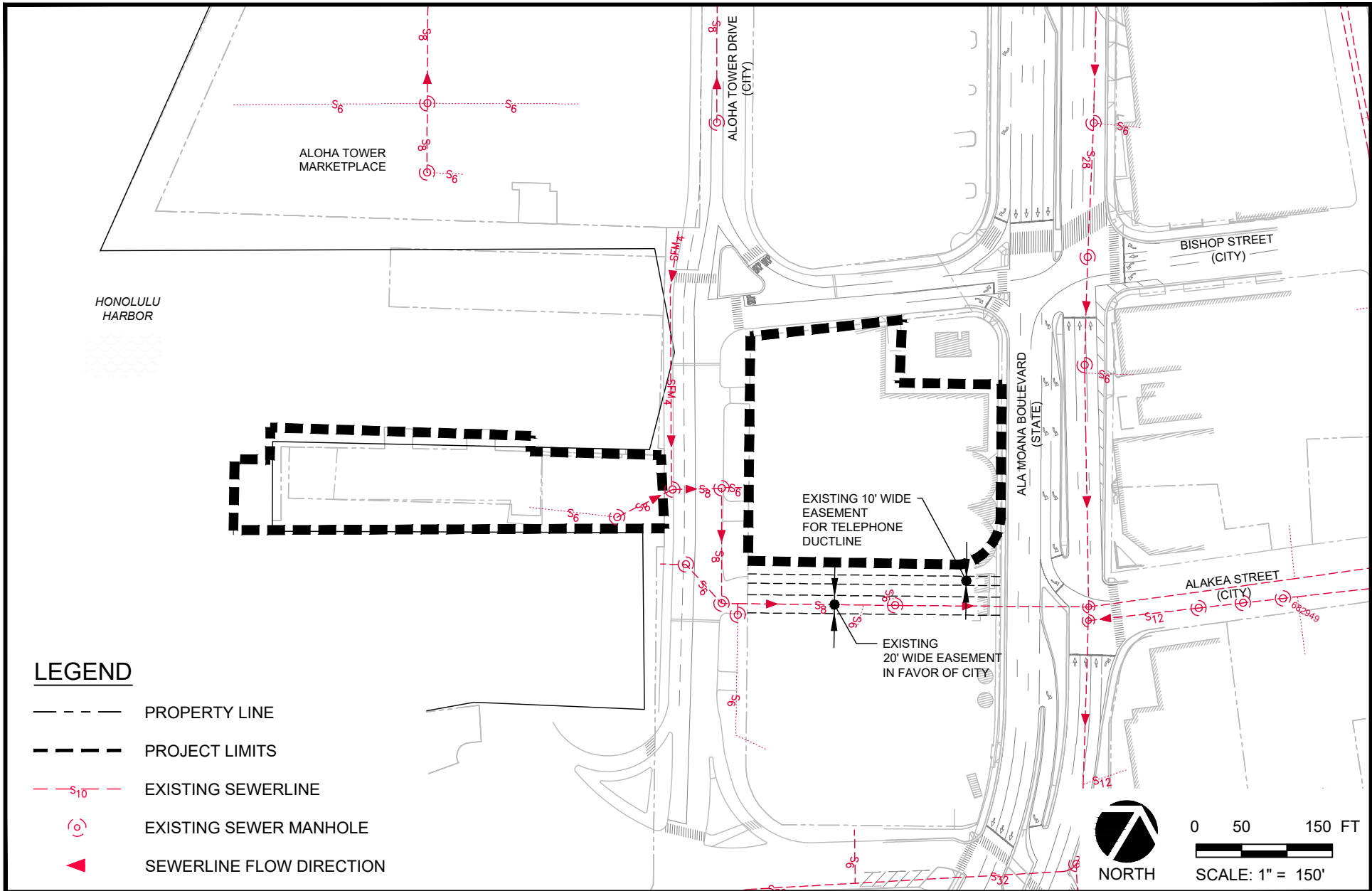


FIGURE 4-2
EXISTING SANITARY SEWER SYSTEM

TRADEWINDS GARDEN AND GLASS | HONOLULU, O'AHU, HAWAII



4.2.2 Connection to the City and County Sewer System

The Department of Planning and Permitting's (DPP) Wastewater Branch (WWB) reviews and approves sewer connection applications for developments which require sanitary sewer service. On March 27, 2024, a sewer connection application (SCA) based on the proposed program was approved by WWB indicating that the existing City sewer system is adequate to support the proposed project (See Appendix A). The approved SCA (Application No. 2024/SCA-0298) will be valid for a 2-year period and is set to expire on March 27, 2026.

Proposed Program Information		
Facility	Area (sf)	Quantity
Museum / Garden / Gallery	41,000	85 Employees
Restaurant	4,500	792 Seats per day
Retail	5,000	30 Employees

With the approval of the SCA, complete construction plans will be submitted by the design team, reviewed, and approved by WWB within two (2) years. Construction is required to commence within one (1) year after approval of plans. An updated or revised sewer connection application could be submitted to request an extension, if required for project completion. However, extension or approval of the updated SCA is subject to agency review and is not readily ascertained.

4.2.3 Proposed Improvements

Sewage flows from the proposed development will be collected by existing sewer lines within the site and are expected to connect to the existing 6-inch laterals along Aloha Tower Drive and within the easement in the HECO Honolulu Power Plant property. Improvements to the existing sanitary sewer system will be determined through correspondence with WWB. Upgrades to existing sewer line sizes and alignments will need to be determined during the design phase.

4.3 Water Supply System

4.3.1 Existing Conditions

Water for domestic use is provided to the project site and surrounding vicinity through the CCH Board of Water Supply (BWS) municipal water system (See Figure 4-3). The offsite BWS water system in the vicinity of the project site consists of a 12-inch main running along Aloha Tower Drive, Bishop Street, and Ala Moana Blvd and an 8-inch main running through the utility easement on the HECO Honolulu Power Plant property. The existing Pier 7 is served by a 1-1/2-inch DC meter (M/N#15060319) off the 12" main within Aloha Tower Drive. The existing HECO Honolulu Power Plant project site is served by three existing connections all served from an existing 12-inch main. The connections are located along Aloha Tower Drive, Bishop Street, and Ala Moana Blvd. The connection along Aloha Tower Drive is served by a 1-1/2-inch meter (M/N#2006100341), the Bishop Street connection is served by a 4-inch meter (M/N#03124104), and the Ala Moana Blvd connection is served by a 2-inch meter (M/N#2207100279).

There are six fire hydrants in the vicinity of the project site with one located on Aloha Tower Drive fronting Pier 7, two directly across the project site along Bishop Street and Ala Moana Blvd, one located on the north side of Richards Street, and two on the westbound side of Ala Moana Boulevard. All fire hydrants tap off the existing 12-inch main and are denoted as M00015, M00081, M00016, M02757, M00020, and M03052 (See Figure 4-3).

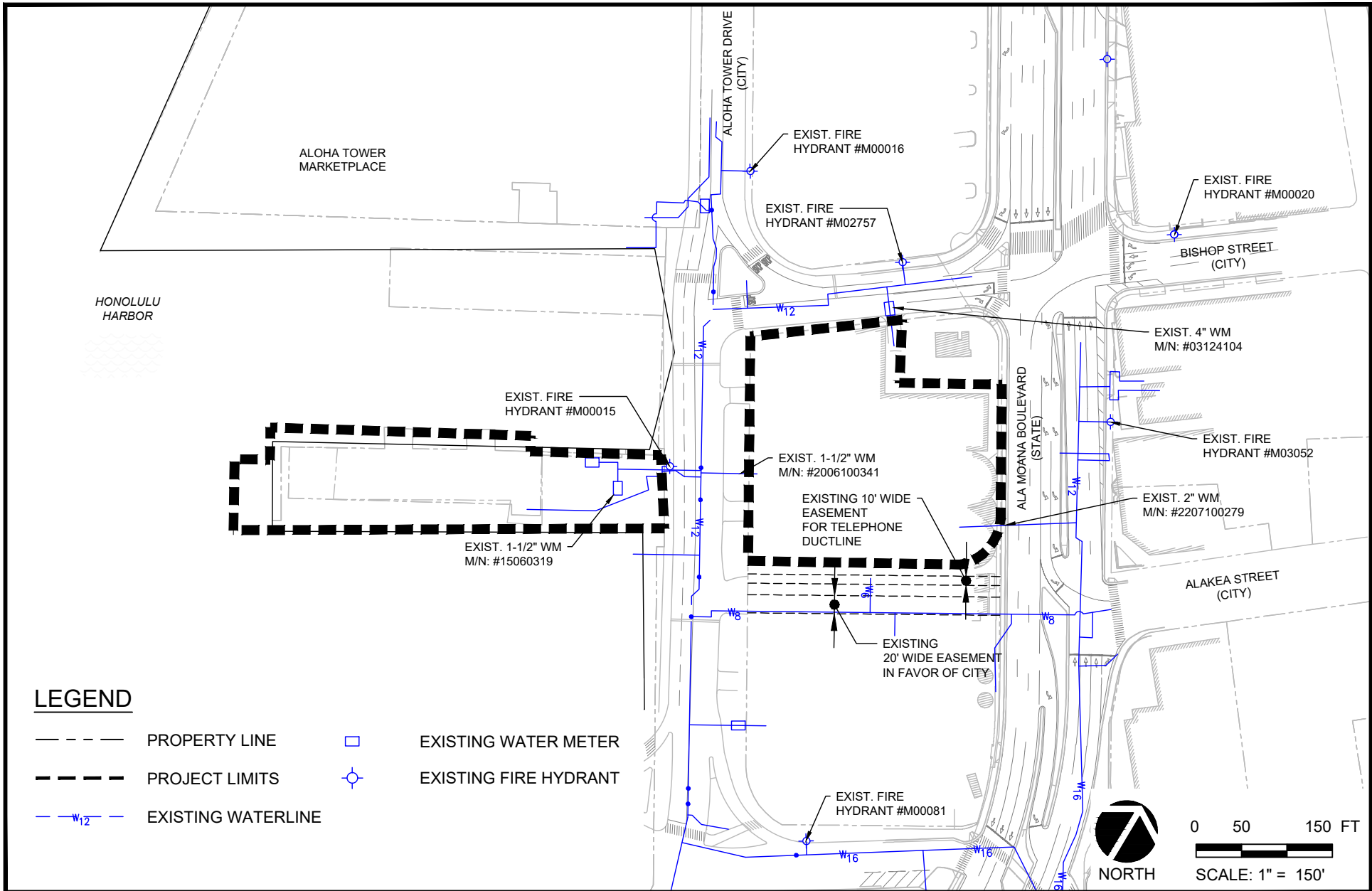


FIGURE 4-3
EXISTING WATER SUPPLY SYSTEM



4.3.2 Connection to Board of Water Supply System

On March 14, 2024, a letter was submitted to the BWS requesting information on the availability of water for the project and water pressure information for fire hydrants in the vicinity of the project site. This initial letter was based on programming for the proposed development and the estimated average daily water demand shown below (See Appendix B):

<u>Proposed Program Information</u>				
Facility	Zoning Designation	Area (sf)	Gal / day / sf	Avg. Daily Demand (gpd)
Museum, Restaurant, Retail, Garden, Gallery	Commercial	50,500	120 gpd / 1000 sf	6,060 gpd
			Total	6,060 gpd

On March 28, 2024, the BWS responded stating that the existing water system is currently adequate to accommodate the proposed industrial redevelopment. BWS record information indicates the water supply systems along Aloha Tower Drive, Ala Moana Boulevard, Bishop Street, and Richards Street have a calculated fire flow capacity of 4,000 gallons per minute. The final decision on the availability of water will be confirmed when the building permit application is submitted for approval, pending evaluation of the water system conditions at that time on a first-come first-served basis.

4.3.3 Proposed Improvements

The Tradewinds Garden and Glass proposes to use existing connection(s) for domestic and fire protection water services for the proposed project site. Improvements to the existing water system will be determined through correspondence with the BWS. Actual line sizes and routings will need to be determined during the design phase.

4.4 Natural Gas

4.4.1 Existing Conditions

Record drawings indicate there is an existing 4" gas main that runs between Pier 7 and the Honolulu Power Plant along Aloha Tower Drive.

4.4.2 Proposed Improvements

Gas is anticipated in the development of the Tradewinds Garden and Glass project and will connect to the existing 4" gas main.

5. REFERENCES

1. Flood Insurance Rate Map, City and County of Honolulu, Hawaii, Community Panel Number 15003C0362G,” Federal Emergency Management Agency, Federal Insurance Administration, January 19, 2011.
2. “Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii,” United States Department of Agriculture, Soil Conservation Service, August 1972.
3. “Draft Traffic Impact Report for the Tradewinds Garden and Glass”, Wilson Okamoto Corporation, April 2024.

APPENDIX A

Sewer Connection Application submitted March 21, 2024

Approved Sewer Connection Letter dated March 27, 2024

SITE DEVELOPMENT DIVISION MASTER APPLICATION FORM

All required documents and fees must accompany this application form. Please visit www.honolulu.gov/dpp for applicable procedures and fees under the menu heading Application & Forms, Site Engineering and Subdivision Permits. Electronic submittal of permit applications and other permit-related documents constitutes agreement by the applicant or authorized representative to transact business electronically with this department, in accordance with HRS Chapter 489E.

I. PERMIT	VARIANCE	APPROVAL
-----------	----------	----------

Check one or more as appropriate:

- | | | | |
|--------------------------------------|--|--|--|
| <input type="checkbox"/> Grading | <input checked="" type="checkbox"/> Sewer Connection | <input type="checkbox"/> Flood Hazard Variance | <input type="checkbox"/> Subdivision, Easement Consolidation |
| <input type="checkbox"/> Grubbing | | <input type="checkbox"/> Flood Determination | <input type="checkbox"/> Park Dedication |
| <input type="checkbox"/> Stockpiling | | <input type="checkbox"/> Floodway Permit | <input type="checkbox"/> Lot Determination |
| <input type="checkbox"/> Trenching | | <input type="checkbox"/> Flood Map Revision | <input type="checkbox"/> Ag. Site Development |

Complete Sections I, II, III and all other sections as possible

II. LOT AND LAND USE INFORMATION

TAX MAP KEY(S) [1] 2-1-001:057, 058, [1] 2-1-014:006 (Units 5 & 7) Lot Area: 105,831 sq.ft ac.

Zoning District: B-2, KAK Development Plan Designation: Primary Urban Center State Land Use District: Urban

Street Address/Location of Property: 171 Aloha Tower Drive, Honolulu, HI 96813, 170 Ala Moana Blvd, Downtown, HI 96817

Present Use of Property/Building: Hawaii Maritime Center, HECO Honolulu Power Plant

Project Name (if any): Tradewinds Garden and Glass

Request/Proposal (describe the nature of the request, proposed activity or project): Sewer Connection Application for the Tradewinds Garden and Glass

III. APPLICANT INFORMATION

	Owner/Developer	Engineer/Architect	Contractor (or Agent for Subdivision apps only)
Name (& title)	<u>Ron Severt, VP Special Event 2.0 Management (Manager of Garden Art LLC)</u>	<u>Wilson Okamoto Corporation</u>	<u>TBD</u>
Mailing Address	<u>Garden Art LLC c/o Watanabe Ing LLC, 999 Bishop St, Suite 1250</u>	<u>1907 S. Beretania St, Suite 400</u>	
	<u>Honolulu HI 96813</u>	<u>Honolulu HI 96826</u>	
	<u>City State Zip</u>	<u>City State Zip</u>	<u>City State Zip</u>
Phone Number(s)	<u>(808) 444-5099</u>	<u>808-946-2277</u>	
Email Address	<u>project@gardenartllc.com</u>	<u>msuga@wilsonokamoto.com</u>	

APPLICANT <u>Ron Severt</u>	<u>VP Special Event 2.0 Management (Manager of Garden Art LLC)</u>	
Print NAME of applicant	Print TITLE of applicant	Signature of applicant

IV. FOR GRADING/GRUBBING/STOCKPILING INFORMATION ONLY

Estimated Dates: Start: _____ Completion: _____ Borrow Material: _____

Area of work (sf or acres): _____ Borrow Site: _____

Disturbed area (sf or acres): _____ Disposal Material: _____

Estimated Quantity (cy): Cut: _____ Fill: _____ Disposal Site: _____

V. AUTHORIZED AGENT

This statement of authorization is used in reference to the information provided for in sections I, II and III above.

I/We, _____, hereby authorize _____
Print NAME and TITLE of person giving authority Print NAME of person receiving authority (Authorized Agent)

to act in my/our behalf in obtaining/closing the Grading/Grubbing/Stockpiling/Trenching permit for the project.

Signature of Owner/Developer giving authority Date

FOR DIVISION USE ONLY:

Grading Permit No.: _____ Application No.: _____

Trenching Permit No.: _____ Date of Application: _____

Received By: _____

SITE DEVELOPMENT DIVISION MASTER APPLICATION FORM

(REVERSE SIDE)

VI. FOR TRENCHING INFORMATION ONLY

Tax Map Key(s): _____

Work to be performed for: _____ Work to be done: Service Connection Repair Borings

Estimated Dates: Start: _____ Completion: _____ Other: _____

Estimated Value of work: \$ _____ Dimensions: _____ ft/in _____ ft/in _____ ft/in

in the city right - of - way

AGENCY CLEARANCES	SIGNATURE	DATE	ADDRESS	PHONE NO.
DPP, Wastewater Branch			650 So. King St., FMB, 1st Flr.	768-8210
DTS, Traffic Signal			650 So. King St., FMB, 2nd Flr.	768-8388
DDC, Street Lightning			650 So. King St., FMB, 11th Flr.	768-8431
BWS, Customer Care			630 So. Beretania St., 1st Flr.	748-5460
Hawaiian Electric Co., Inc., Engineering Division			820 Ward Avenue, 4th Flr.	543-5654
Hawaiian Telcom, Excavation			1177 Bishop St., Lobby	546-7746
Gasco., Inc., Maps & Records			515 Kamakee St., 1st Flr.	594-5575
Spectrum, Engineering & Construction			200 Akamainui St. haw.engineering.research@charter.com	625-8443
DFM, Division of Road Maintenance (if trenching 200 linear feet or more)			99-999 Iwaena Street, #214	786-3600

DPP: Dept. of Planning and Permitting DTS: Dept. of Transportation Services DDC: Dept. of Design and Construction BWS: Board of Water Supply DFM: Dept. of Facility Maintenance

Note to agencies providing clearances: Signatures on this form may be reproduced (scanned and emailed) and submitted electronically for permitting purposes in accordance with HRS Chapter 489E. Original wet signatures may be retained by the applicant(s).

Note to the applicants receiving clearances: The utilities listed above may not represent all underground utilities located within City rights-of-ways, nor do their utility clearances relieve the permittee from complying with all other applicable codes, rules, regulations, and/or permit procedures including, but not limited to, additional clearances and requirements for other utilities (i.e. irrigation, data transmission, etc.) located within City rights-of-ways. Pursuant to ROH 2021, Section 14-2.6, the permittee shall indemnify and save harmless the city for any injuries or damages to any person or property received or sustained by any person as a consequence of any act or acts of the permittee on work done under the trenching permit.

VII. FOR SEWER CONNECTION INFORMATION ONLY

To receive a response via e-mail, provide email address below and check box here:

Residential: No. of Proposed Units _____ (Provide breakdown below)

_____ Studios _____ 1 Bedroom _____ 2 Bedrooms _____ 3 Bedrooms _____ 4 Bedrooms _____ Other

Non-Residential: (See attached sewer table for required category and quantity and provide any additional information in the remarks)

CATEGORY(IES)	QUANTITY(IES)	NEW WATER METER SIZE(S)
Museum/Garden/Gallery	41,000 SF / 85 Employees	N/A
Restaurant	4,500 SF / 72 Seats	N/A
Retail	5,000 SF / 30 Employees	N/A

Date of Connection: Q4 of 2024 (approximate) Connection Work Desired: Use Existing Lateral Other

Dimensions: _____ ft. _____ size in. _____ depth ft.

Existing Structures/Dwellings on Property: (Provide breakdown below)

TYPE (i.e. Single Family)	QUANTITY(IES)	REMAIN	DEMOLISH
Hawaii Maritime Center - 2 Stories (Museum)	27,900 SF	0 SF	27,900 SF
HECO Power Plant	46,000 SF	0 SF	46,000 SF

Remarks: (Provide any additional information on the lines provided) To receive a response via e-mail, provide email address below and check box here:

Proposed project consists construction of the Tradewinds Garden and Glass.

New facilities anticipated to be connected to existing sewer laterals within Aloha Tower Drive.

Please email any questions/correspondence to msuga@wilsonokamoto.com.

FOR DIVISION USE ONLY:

Date of Application: _____ Received By: _____ Application No.: _____



DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET * HONOLULU, HAWAII 96813
 Phone: (808) 768-8209 * Fax: (808) 768-4210

SEWER CONNECTION APPLICATION

APPLICATION NO.: **2024/SCA-0298**

STATUS: **Approved with Conditions**

DATE RECEIVED: **03/21/2024**

IWDP APP. NO.:

PROJECT NAME: **2024/SCA-0298 Tradewinds Garden Glass**

LOCATION:

Zone	Section	Plat	Parcel
2	1	001	058

**171 ALOHA TOWER DR Honolulu /
 Downtown 96813**

59,167 Sq. Ft.

Zone	Section	Plat	Parcel
2	1	014	006

**170 ALOHA TOWER DR Honolulu /
 Downtown 96813**

149,644 Sq. Ft.

Zone	Section	Plat	Parcel
2	1	001	057

392,040 Sq. Ft.

SPECIFIC LOCATION: **171 ALOHA TOWER DRIVE, 170 ALA MOANA BLVD**

APPLICANT: **Garden Art LLC, Ron Severt**
 999 Bishop Street, Suite 1250
 Honolulu, HI 96813

DEVELOPMENT TYPE: **Museum**

SEWER CONNECTION WORK DESIRED: **Existing**

OTHER USES: **Museum/Garden/Gallery: 85 employees (41,000 sf)**
Restaurant: 72 seats (4,500 sf)
Retail: 30 employees (5,000 sf)

NON-RESIDENTIAL AREA: s.f.

APPROXIMATE DATE OF CONNECTION:

PROPOSED UNITS

EXISTING UNITS

UNITS TO BE DEMOLISHED

No. of New Units: **0**

No. of Existing Units: **0**

No. of Units to be Demolished: **0**

Studios:
 1-Bedroom:
 2-Bedroom:
 3-Bedroom:
 4-Bedroom:
 5-Bedroom:
 6-Bedroom:

Studios:
 1-Bedroom:
 2-Bedroom:
 3-Bedroom:
 4-Bedroom:
 5-Bedroom:
 6-Bedroom:

Studios:
 1-Bedroom:
 2-Bedroom:
 3-Bedroom:
 4-Bedroom:
 5-Bedroom:
 6-Bedroom:

REMARKS **Industrial Wastewater Discharge Permit (IWDP) may be required. Submit IWDP application.**

Approved with **03/27/2024**
 Conditions

Valid 2-years after approval date. Construction plans shall be completed and approved within this 2-year period. Construction shall commence within 1-year after approval of plans.

EXPIRATION DATE: **03/27/2026**

** Applicable WSFC shall be collected at the prevailing rate in accordance with ROH 1990, Chapter 14, Sections 14-10.3, 14-10.4, 14-10.5 and Appendix 14-D.*

REVIEWED BY: **Jing Meng**

Signature here??

Site Development Division, Wastewater Branch

APPENDIX B

Request Letter for Adequacy Inquiry and Pressure Data submitted March 14, 2024

Water Availability Response Letter from BWS dated March 28, 2024



WILSON OKAMOTO
CORPORATION
INNOVATORS • PLANNERS • ENGINEERS

10815-01
March 14, 2024

City and County of Honolulu
Board of Water Supply
Customer Care Division
630 South Beretania Street
Honolulu, HI 96843

Attention: Mr. Daniel Koge
Subject: Tradewinds Garden and Glass

Dear Mr. Chun:

Wilson Okamoto Corporation is the civil engineering consultant for the Garden Art (LLC), which proposes the development and construction of the new Tradewinds Garden and Glass. The project site will be located in Honolulu at 171 Aloha Tower Drive and at 170 Ala Moana Boulevard, the site of the abandoned Hawaii Maritime Center and units 5 and 7 of the HECO Honolulu Power Plant. The project will replace the existing Pier 7 and HECO Honolulu Power Plant with the new Tradewinds Garden and Glass. The project site is approximately 2.43 acres identified by Tax Map Keys: (1) 2-1-001:057, 058 and (1) 2-1-014:006 (See attached TMK Map). The project site is bounded by the Aloha Tower to the west, Ala Moana Boulevard to the north and east, and Honolulu Harbor to the south.

At this time, we would like to get your assistance in determining the adequacy of the existing BWS storage and water distribution system in the vicinity of the project site to support the proposed project. Descriptions of the projected average daily water demand are as follows:

Proposed Program – Tradewinds Garden and Glass

Facility	Zoning Designation	Area (Proposed Square Feet)	Gal / day / sf	Avg. Daily Demand (gpd)
Museum, Restaurant, Retail, Garden, Gallery	Commercial	50,500 sf	120 gal / 1000 sf	6,060 gpd

In addition to your review of the existing water system adequacy, we would like to obtain pressure and flow information for the existing fire hydrants located in the vicinity of the project site. The hydrant numbers are M00015, M00081, M00016, M02757, M00020, and M03052 (See attached BWS system maps).

10815-01
Letter to City and County of Honolulu BWS
Page 2
March 14, 2024

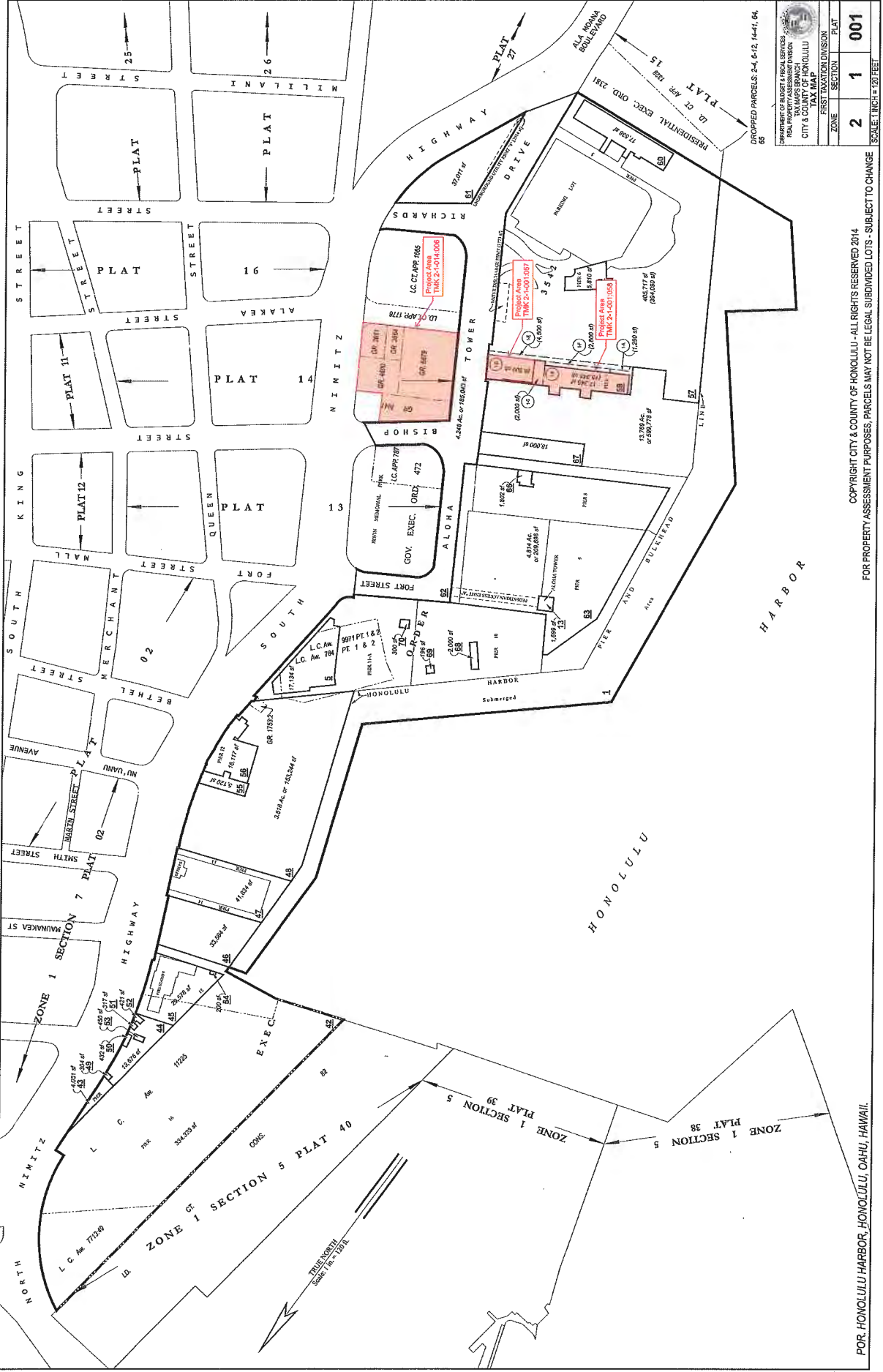
Please call 946-2277 should you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ty Matsunami', written in a cursive style.

Ty Matsunami
Civil Engineer

Enclosures: TMK Map
BWS System Map



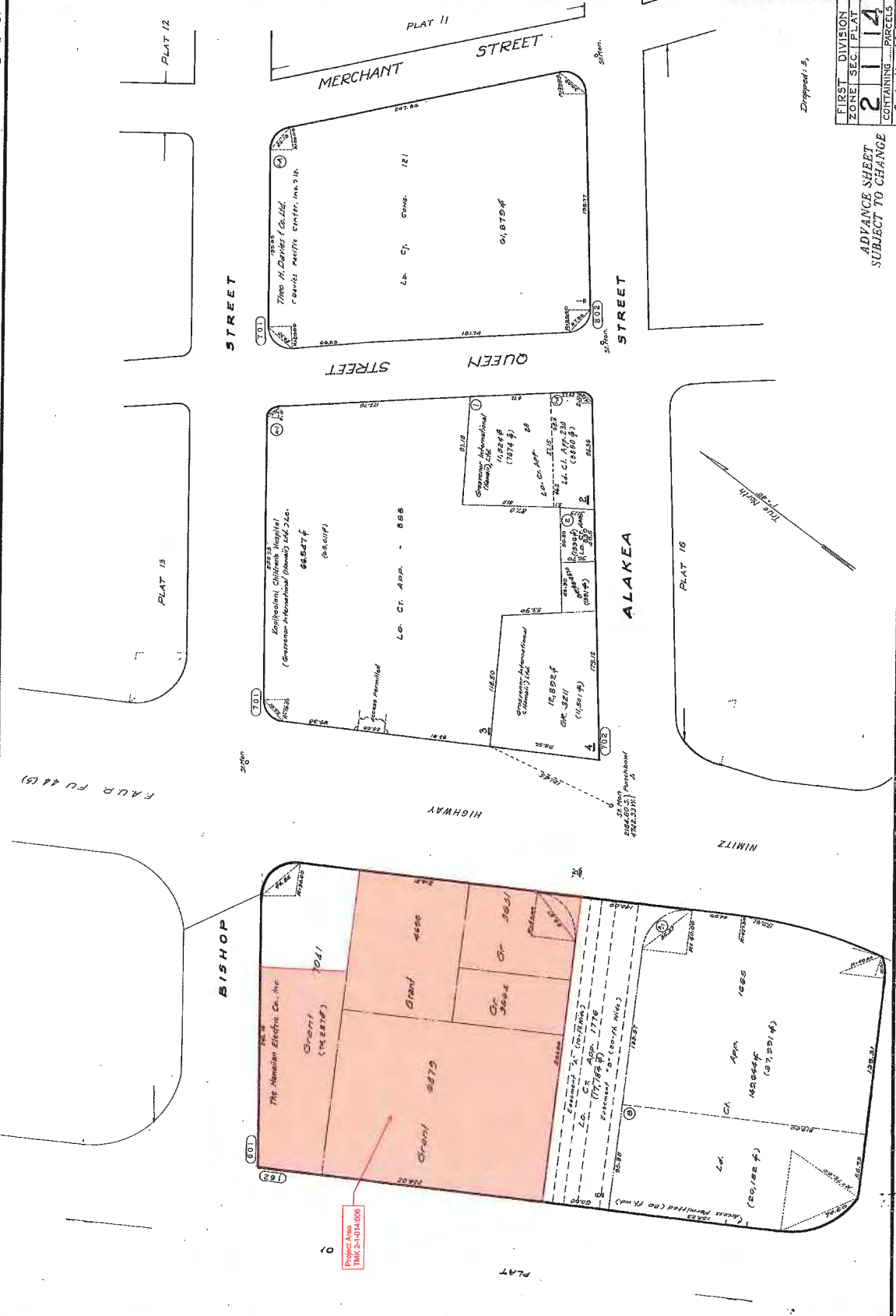
DEPARTMENT OF BUDGET & FISCAL SERVICES
 REAL PROPERTY VALUATION DIVISION
 TAX MAP
 CITY & COUNTY OF HONOLULU

SCHEPPED PARCELS: 2-4, 6-12, 14-41, 64, 65	
ZONE	2
SECTION	1
PLAT	001
SCALE: 1 INCH = 120 FEET	

COPYRIGHT CITY & COUNTY OF HONOLULU - ALL RIGHTS RESERVED 2014
 FOR PROPERTY ASSESSMENT PURPOSES, PARCELS MAY NOT BE LEGAL SUBDIVIDED LOTS - SUBJECT TO CHANGE

POR, HONOLULU HARBOR, HONOLULU, OAHU, HAWAII.

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FIRST DIVISION
 ZONE SEC. PLAT
2 1 14
 CONTAINING PARCELS
 Section 104-40-11
 PRINTED

ADVANCE SHEET
 SUBJECT TO CHANGE
 Dropped 5

DWG. No. 104
 By: BETA-DSC Dec 1991
 Source: Tax Map System

**BOARD OF WATER SUPPLY
KA 'OIHANA WAI
CITY AND COUNTY OF HONOLULU**

630 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96843
Phone: (808) 748-5000 • www.boardofwatersupply.com

RICK BLANGIARDI
MAYOR
MEIA

ERNEST Y. W. LAU, P.E.
MANAGER AND CHIEF ENGINEER
MANAKIA A ME KAHU WILIKI

ERWIN KAWATA
DEPUTY MANAGER
HOPE MANAKIA



NĀ'ĀLEHU ANTHONY, Chair
KAPUA SPROAT, Vice Chair
BRYAN P. ANDAYA
JONATHAN KANESHIRO
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

March 28, 2024

Mr. Ty Matsunami
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826

Dear Mr. Matsunami:

Subject: Your Letter Dated March 14, 2024, Regarding Availability of Water for Tradewinds Garden and Glass off Aloha Tower Drive, Tax Map Key: 2-1-001:057 & 058 and 2-1-014: 006.

Thank you for your letter regarding the proposed Pier 7 and Honolulu Power Plant revitalization project.

The existing water system is currently adequate to accommodate the proposed industrial redevelopment. However, please be advised that the existing Honolulu water system capacity has been reduced due to the shut-down of the Hālawā Shaft pumping station as a proactive measure to prevent fuel contamination from the Navy's Red Hill Bulk Storage Tank fuel releases. The final decision on the availability of water will be confirmed when the building permit application is submitted for approval, pending evaluation of the water system conditions at that time on a first-come first-served basis. The Board of Water Supply (BWS) reserves the right to change any position or information stated herein up until the final approval of the building permit application.

We continue to request 10% voluntary water conservation of all customers until new sources are completed and require water conservation measures in all new developments. If water consumption significantly increases, progressively restrictive conservation measures may be required to avoid low water pressures and disruptions of water service.

Presently, there is no moratorium on the issuance of new and additional water services. Water distributed via the BWS water systems remains safe for consumption. The BWS is closely monitoring water usage and will keep the public informed with the latest findings. Please visit our website at www.boardofwatersupply.com and www.protectoahuwaterr.org for the latest updates and water conservation tips.

When water is made available, the applicant will be required to pay our Water System Facilities Charges for resource development, transmission, and daily storage.

Mr. Ty Matsunami
Page 2
March 28, 2024

Water conservation measures are required for all proposed developments. These measures include utilization of nonpotable water for irrigation using rain catchment, drought tolerant plants, xeriscape landscaping, efficient irrigation systems, such as a drip system and moisture sensors, and the use of Water Sense labeled ultra-low flow water fixtures and toilets.

The proposed project is subject to BWS Cross-Connection Control and Backflow Prevention requirements prior to the issuance of the Building Permit Applications.

The construction drawings should be submitted for our approval, and the construction schedule should be coordinated to minimize impact to the water system.

The Board of Water Supply has suspended fire flow tests on fire hydrants as a water conservation measure. However, you may use the following calculated flow data for Fire Hydrant No. M00015, M00016, M00020, M00081, M02757, and M03052:

<u>Fire Hydrant Number</u>	<u>Location</u>	<u>Static Pressure (psi)</u>	<u>Residual Pressure (psi)</u>	<u>Flow (gpm)</u>
M00015	Aloha Tower Drive	75	64	4,000
M00016	Aloha Tower Drive	75	63	4,000
M00020	Bishop Street	75	65	4,000
M00081	Richards Street	75	65	4,000
M02757	Bishop Street	75	64	4,000
M03052	Nimitz Highway	75	64	4,000

The data is based on the existing water system, and the static pressure represents the theoretical pressure at the point of calculation with the reservoir full and no demands on the water system. The static pressure is not indicative of the actual pressure in the field. Therefore, to determine the flows that are available to the site, you will have to determine the actual field pressure by taking on-site pressure readings at various times of the day and correlating that field data with the above hydraulic design data.

The map showing the location of the fire hydrants is attached.

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Barry Usagawa, Water Resources Division at (808) 748-5900.

Very truly yours,

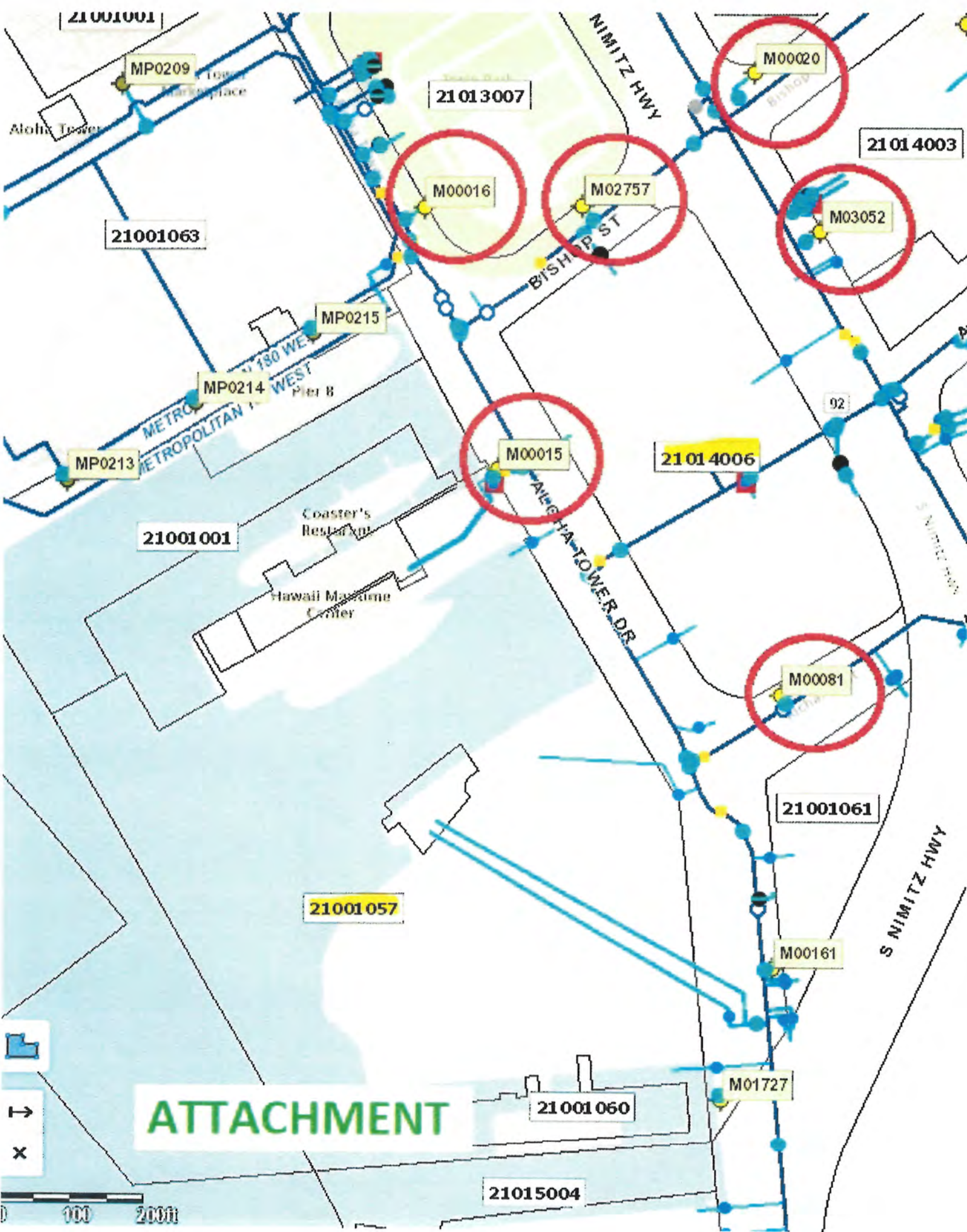


ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

Attachment

cc: Service Engineering (Customer Care)
D. Koge

WR-24-50



ATTACHMENT

0 1000 2000ft

APPENDIX H

Early Consultation Comments and Response Letters



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Pacific Islands Fish and Wildlife Office
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawai'i 96850

Subject: IPaC generated official species list for the Pacific Islands Fish and Wildlife Office

Dear Action Agency or Applicant:

The Pacific Islands Fish and Wildlife Office (PIFWO) is transitioning to the Information for Planning and Consultation (IPaC) online portal, <https://ipac.ecosphere.fws.gov/> for federal action agencies and non-federal agencies or individuals to obtain official species lists, including threatened and endangered species, designated critical habitat, and avoidance and minimization measures to consider in your general project design. IPaC has been used by continental USFWS offices to provide official species lists and avoidance and minimization guidance since 2017. Using IPaC expedites the process for species list distribution. Obtaining a species list in IPaC is relatively straightforward and takes minimal time to complete. Step by step instructions are included below.

Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of your species list should be verified after 90 days. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change the species list. Verification can be completed by visiting the IPaC website at regular intervals during project planning and implementation. An updated list may be requested through the IPaC system by completing the same process used to obtain the initial species list.

We hope this process provides efficiencies to our partners in obtaining a species list. For federal action agencies, it also opens additional IPaC functionality that the PIFWO office is still working on, such as the use of Determination Keys for informal section 7 programmatic consultations. We will let our agency partners know when that functionality becomes available.

If you have questions about a species list obtained through the IPaC system or need assistance in completing an IPaC species list request, please contact the Service at 808-792-9400 or via email at pifwo_admin@fws.gov. We appreciate your efforts to conserve listed species across the Pacific Islands.

INTERIOR REGION 9
COLUMBIA-PACIFIC NORTHWEST

IDAHO, MONTANA*, OREGON*, WASHINGTON

*PARTIAL

INTERIOR REGION 12
PACIFIC ISLANDS

AMERICAN SĀMOA, GUAM, HAWAI'I, NORTHERN
MARIANA ISLANDS

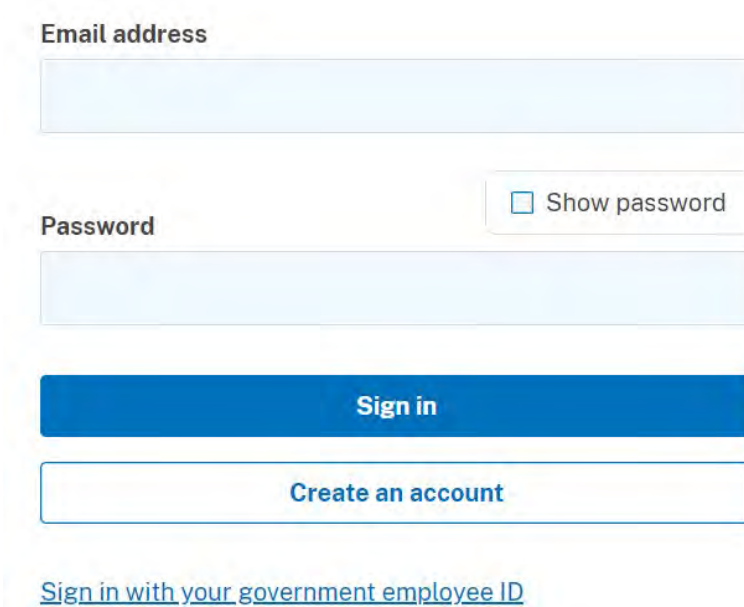
Instructions for Action Agencies and partners to obtain an official species list in IPaC

- Navigate to <https://ipac.ecosphere.fws.gov/>
- You can get an unofficial species list without logging in. However, if you want an official species list you will need to log in first using your Login.gov account. If you don't have an IPaC account, they are easy to create.



The screenshot shows a 'Log in' dialog box with a close button (X) in the top right corner. The main heading is 'Log in'. Below this, there are two sections: 'LOGIN.GOV LOGIN' and 'IPAC LOGIN'. The 'LOGIN.GOV LOGIN' section contains the text: 'You can use your Login.gov profile as your IPaC account. You will need to allow IPaC to read your basic profile information.' Below this text is a button labeled 'LOG IN WITH LOGIN.GOV'. The 'IPAC LOGIN' section contains a link: '> Why do I need an IPaC account?'

Select Log in with Login.gov and sign in using your email and password.



The screenshot shows a sign-in form with the following elements: a label 'Email address' above a text input field; a label 'Password' above another text input field; a checkbox labeled 'Show password' to the right of the password field; a blue button labeled 'Sign in' below the password field; a white button labeled 'Create an account' below the 'Sign in' button; and a link labeled 'Sign in with your government employee ID' at the bottom.

If you have a PIV or CAC card, you can sign in using that method as well.

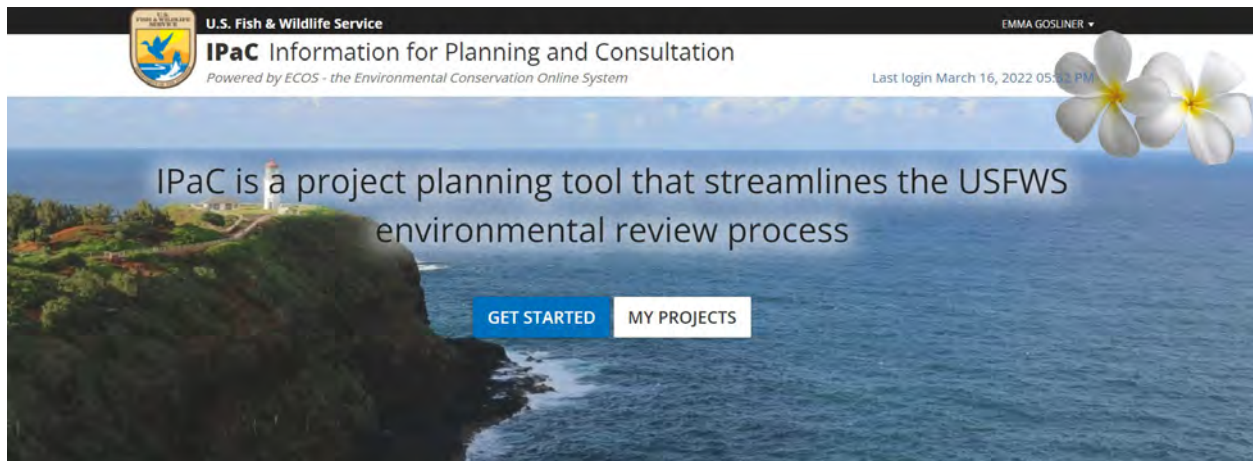
Sign in with your PIV or CAC

Make sure **you have a Login.gov account** and **you've set up PIV/CAC** as a two-factor authentication method.

Insert your PIV/CAC

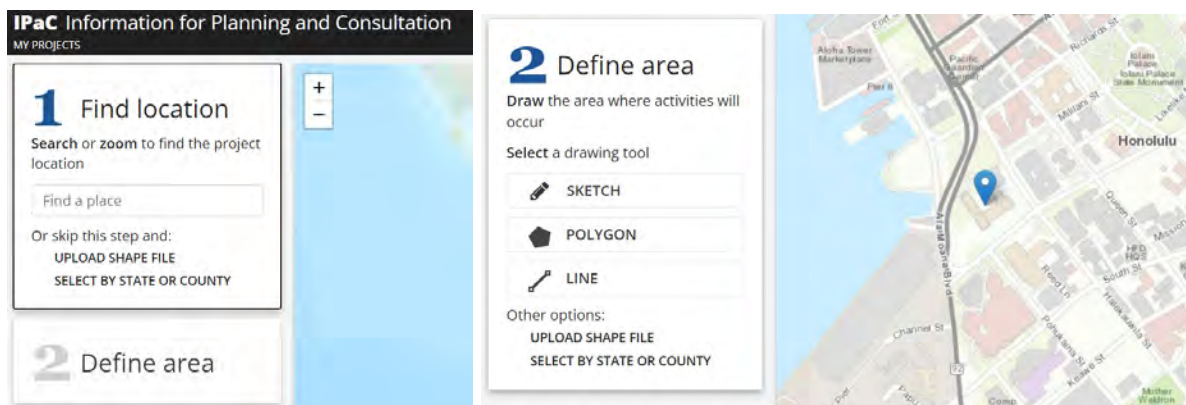
[Cancel](#)

- Once you log in, select “Get Started”.

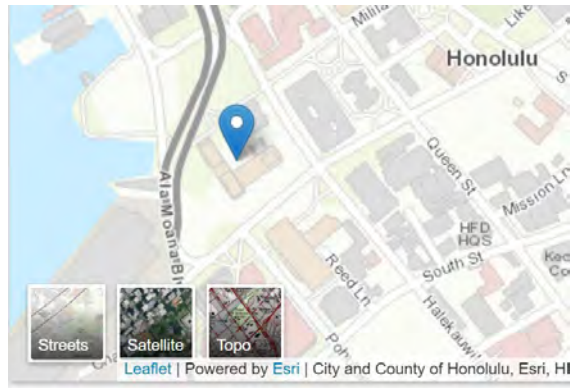


The image shows the IPaC landing page. At the top, there is a navigation bar with the U.S. Fish & Wildlife Service logo, the text "U.S. Fish & Wildlife Service", and the user name "EMMA GOSLINER". Below this is the main header "IPaC Information for Planning and Consultation" with the subtext "Powered by ECOS - the Environmental Conservation Online System". A date stamp "Last login March 16, 2022 05:33 PM" is visible. The main content area features a scenic background image of a coastline with a lighthouse. Overlaid on this image is the text "IPaC is a project planning tool that streamlines the USFWS environmental review process". At the bottom of this section are two buttons: "GET STARTED" (highlighted in blue) and "MY PROJECTS".

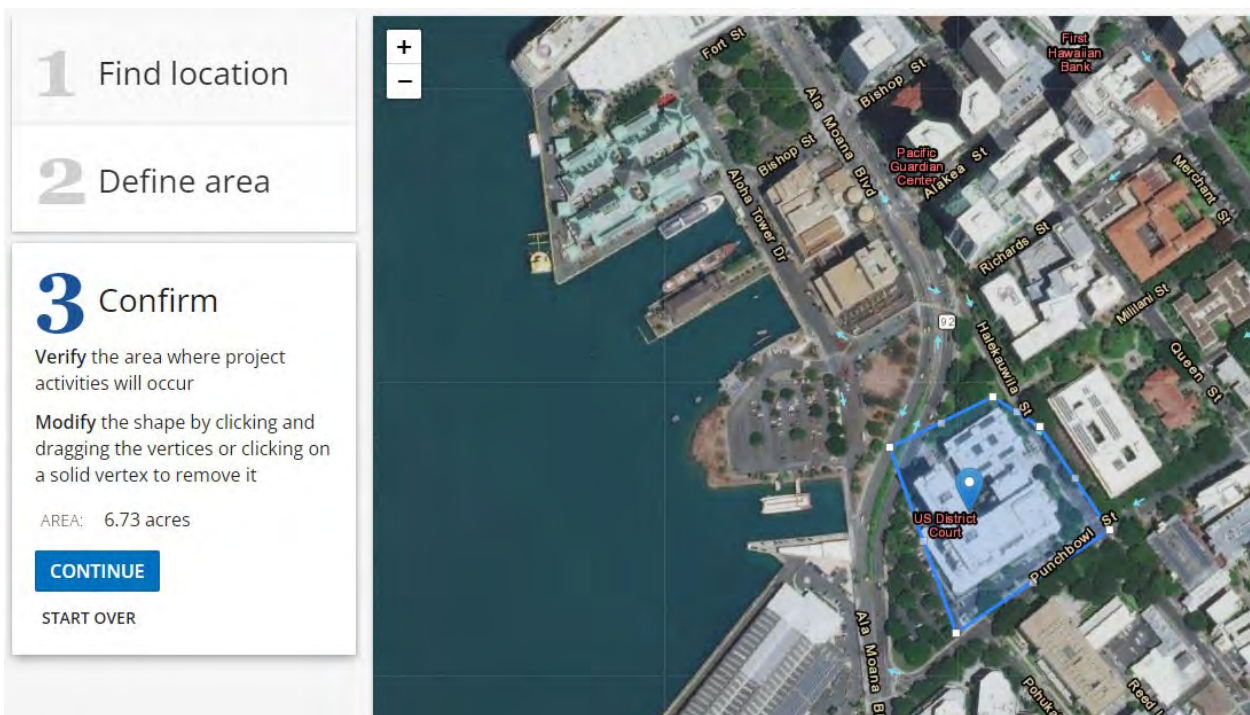
- Define the action area: Identify the location of the proposed action by uploading an existing shapefile or by entering an address or coordinates of the action area. Once identified on the map, you can manually draw the action area using the drawing tools.



The image displays the "Define area" step of the IPaC interface. On the left, a sidebar contains a "1 Find location" section with a search box labeled "Find a place" and options to "UPLOAD SHAPE FILE" or "SELECT BY STATE OR COUNTY". Below this is a "2 Define area" section. The main area shows a map of Honolulu with a blue location pin. To the right of the map is a "2 Define area" panel with the instruction "Draw the area where activities will occur". It offers three drawing tools: "SKETCH" (pencil icon), "POLYGON" (pentagon icon), and "LINE" (line icon). Below these are "Other options:" including "UPLOAD SHAPE FILE" and "SELECT BY STATE OR COUNTY".



To help identify your action area you can choose between multiple base maps available.



Press continue when you have finished drawing or uploading the action area location.

- The species information on the page that follows is not official. However, it identifies the project County, local Fish and Wildlife Field Office, species covered under NOAA Fisheries as well as Migratory Bird Treaty Act species. The list can be viewed in Thumbnail or List format.
- Once the species list populates you will see images of the species that may occur on, near, or transgress across your project. Click on SPECIES GUIDELINES on your top right to see Avoidance and Minimization measures to incorporate into your General Project Design Guidelines.

Explore location
 LOCAL OFFICE: PACIFIC ISLANDS FISH AND WILDL. OFC

LOCATION: Honolulu County, Hawaii
 CHANGE LOCATION

Resources

- ENDANGERED SPECIES 20
- MIGRATORY BIRDS 5
- FACILITIES
- WETLANDS !

PRINT RESOURCE LIST

What's next?
 Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations.
 DEFINE PROJECT

Endangered species

Listed species (1) and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries (2)).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).


Additional information on endangered species data is provided [below](#).

The following species are potentially affected by activities in this location:

THUMBNAILS LIST SPECIES GUIDELINES

Mammals

Endangered



Hawaiian Hoary Bat
Lasiurus cinereus semotus
 Wherever found

- Continue with the following steps to comply with the requirements of ESA section 7 to obtain an **official species list**.
- Select Define Project

What's next?
 Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations.
 DEFINE PROJECT

Define project
 Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations.

Project name: _____

Project description: _____
Describe the location, size, scope, and timing of the project.


SAVE CANCEL

Enter the Project Name and a brief description of the project (a description is not mandatory, but recommended for future coordination with the Service). Click SAVE at bottom of page.

- At the bottom of the What's next box on the right, click Request Species List

Test Project

Testing



LOCATION Honolulu County, Hawaii

CREATED March 17, 2022

1 MEMBER 2 DOCUMENTS

What's next?

ESA REVIEW

Review this project's effects on listed species pursuant to the Endangered Species Act (ESA), as part of the overall regulatory review.

START REVIEW

SPECIES LIST

Requesting an official species list is now part of IPaC's ESA Review.

REQUEST SPECIES LIST

Local office

Pacific Islands Fish And Wildlife Office

- on the following screen, click Yes, Request Species List

Endangered Species Act Review

[← BACK](#)
[EXIT REVIEW](#)

1 Request an official species list

2 Evaluate determination keys

No Dkeys for project.

3 Analyze project (optional)

4 Download documentation

Step 1: Request an official species list

An official species list is a letter from the local U.S. Fish and Wildlife Service field office that assists in the evaluation of potential impacts of your project. It includes a list of species that should be considered under [Section 7](#) of the Endangered Species Act, a project tracking number, and other pertinent information from the field office.

Does this project require an official species list?

Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action" ([Section 7](#) of the Endangered Species Act).

This requirement applies to projects that are **conducted, permitted, funded, or licensed** by any Federal agency.

YES, REQUEST A SPECIES LIST

SKIP / DOES NOT APPLY

- Fill out the contact information for yourself or your agency. Contractors, state partners, and any other project proponents may request a species list and should be covered using the dropdown menus.

Tell us about the project and your organization or agency

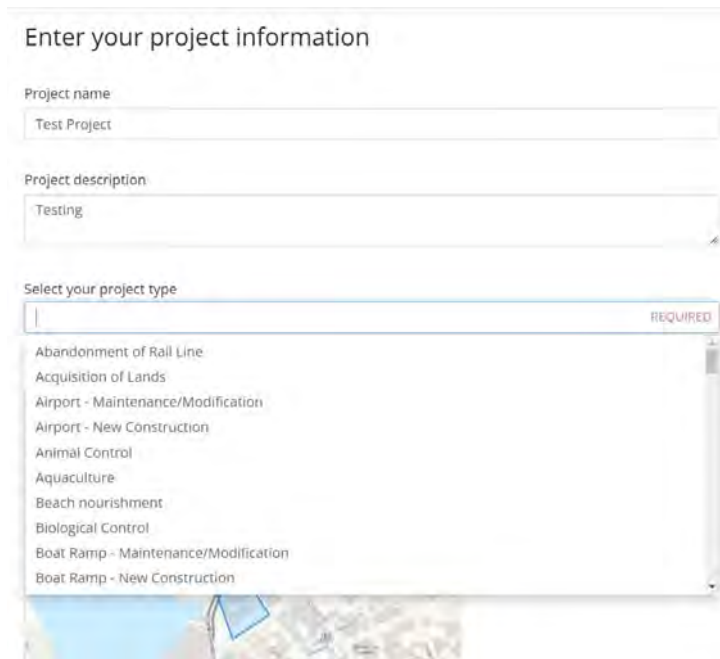
Is this project being conducted, permitted, funded, or licensed by a Federal agency?

- Yes
- No

What kind of organization are you working for directly?



- From the pull-down menu for Classify Type of Project, select the project type that best fits the proposed action.



- Once all required sections are filled out, press **SUBMIT OFFICIAL SPECIES LIST REQUEST**

Location



[SUBMIT OFFICIAL SPECIES LIST REQUEST](#)

- An Official Species List should be generated and available for download in a couple of seconds.
- If you need additional information on a species, click on their name that is hot-linked to their species information page. A brief overview of the species' status, description and critical habitat will appear as well as a link to their ECOS species profile.

A screenshot of a web application interface. On the left is a sidebar with a 'Resources' menu containing 'ENDANGERED SPECIES' (20), 'MIGRATORY BIRDS' (5), 'FACILITIES', and 'WETLANDS' (1). Below the menu is a 'What's next?' section with a 'DEFINE PROJECT' button. The main content area displays information for the 'Liiwi' (*Drepanis coccinea*). It features a photograph of a bright red bird being held. Below the photo, the 'STATUS' is listed as 'Threatened; A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.' The 'DESCRIPTION' states: 'The liwi is an Hawaiian forest bird in the endemic honeycreeper subfamily of the Fringillidae (finch family). liwi are medium-sized forest birds (total body length is approximately 14 centimeters (cm) (5.5 inches (in)) with bright scarlet feathers, black wings and tail, and a small white patch on the inner secondary flight feathers. The bill is long, deeply'. To the right of the main content is a vertical panel with a photo of a person holding a bird, labeled 'Endangered' and 'Hawaii Akepa (Drepanis coccinea) wherever found'.



10815-01
July 23, 2024

U.S. Department of the Interior
Fish and Wildlife Service
Pacific Islands Fish and Wildlife Office
300 Ala Moana Blvd, Room 3-122
Honolulu, HI 96850

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Sir/ Madam:

Thank you for your letter in response to the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

We acknowledge that the Pacific Islands Fish and Wildlife Office (PIFWO) is transitioning to the Information for Planning and Consultation (IPaC) online portal for federal action agencies and non-federal agencies or individuals to obtain official species lists, including threatened and endangered species, designated critical habitat, and avoidance and minimization measures to consider in the general project design. Please note that this has been incorporated into Section 3.5 of the EA.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



KEITH A. REGAN
COMPTROLLER
KA LUNA HO'OMALU HANA LAULĀ

MEOH-LENG SILLIMAN
DEPUTY COMPTROLLER
KA HOPE LUNA HO'OMALU HANA LAULĀ

STATE OF HAWAII'Ī | KA MOKU'ĀINA O HAWAII'Ī
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES | KA 'OIHANA LOIHELU A LAWELAWÉ LAULĀ
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

(P)24.027

FEB 21 2024

Keola Cheng, Director-Planning
Wilson Okamoto Corporation
1907 S. Beretania Street, Suite 400
Honolulu, Hawaii 96826



Dear Keola Cheng:

Subject: Environmental Assessment Early Consultation for
Tradewinds Garden
Honolulu, Oahu, Hawaii
T.M.K. No. (1) 2-1-014-006, 2-1-001-057 and 058

Thank you for the opportunity to comment on the subject project. We have no comments to offer at this time as the proposed project does not impact any of the Department of Accounting and General Services' projects or existing facilities.

If you have any questions, your staff may call Dora Choy-Johnson of the Public Works Division at (808) 586-0488.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gordon S. Wood".

GORDON S. WOOD
Acting Public Works Administrator

DC:mc



10815-01
July 23, 2024

Mr. Gordon S. Wood
Acting Public Works Administrator
Department of Accounting and General Services
State of Hawai'i
P.O. Box 119
Honolulu, HI 96810-0119

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Wood:

Thank you for your letter dated February 21, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft EA with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

JOSH GREEN, M.D.
GOVERNOR | KE KŪĀĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KŪĀĀINA



DAWN K. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 821
HONOLULU, HAWAII 96809

March 13, 2024

LD 0215

Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826
Attention: Keola Cheng, Planning Director

Via email: publiccomment@wilsonokamoto.com

SUBJECT: Environmental Assessment Early Consultation Package for Tradewinds Garden, Honolulu District, Island of Oahu, Hawaii, TMKs: (1) 2-1-014:006, 2-1-001:057 and 058

Thank you for the opportunity to review and comment on the subject project. The Land Division of the Department of Land and Natural Resources (DLNR) distributed copies of your request to DLNR's various divisions for their review and comment.

Enclosed are comments received from our Division of Boating and Ocean Recreation and the Division of Aquatic Resources. Should you have any questions, please feel free to contact Timothy Chee via email at timothy.chee@hawaii.gov. Thank you.

Sincerely,

Russell Tsuji

Russell Y. Tsuji
Land Administrator

Attachments
cc: Central Files

JOSH GREEN, M.D.
GOVERNOR | KA MA'AMANA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HAKA

2024 FEB 22 PM 1: 37



DAWN H. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'AINA 'O HAWAII'
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'AINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

February 16, 2024

LD 0215

MEMORANDUM

TO:

DLNR Agencies:

- Div. of Aquatic Resources (via email: kendall.t.tucker@hawaii.gov)
- Div. of Boating & Ocean Recreation (via email: richard.t.howard@hawaii.gov)
- Engineering Division (via email: DLNR.Engr@hawaii.gov)
- Div. of Forestry & Wildlife (via email: Rubyrosa.T.Terrago@hawaii.gov)
- Div. of State Parks (curt.a.cottrell@hawaii.gov)
- Commission on Water Resource Management (via email: DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands (via email: Sharleen.k.kuba@hawaii.gov)
- Land Division – Oahu District (via email: barry.w.cheung@hawaii.gov)
- Aha Moku (via email: letmana.k.damate@hawaii.gov)

FROM:

Russell Y. Tsuji, Land Administrator

Russell Tsuji

SUBJECT:

Environmental Assessment Early Consultation Package for Tradewinds Garden

LOCATION:

Honolulu District, Island of Oahu, Hawaii

TMKs: (1) 2-1-014;006, 2-1-001;057 and 058

APPLICANT:

Wilson Okamoto Corporation

Transmitted for your review and comment is information on the above-referenced project. Please submit any comments to timothy.chee@hawaii.gov at the Land Division by the internal deadline of **March 12, 2024**. If no response is received by this date, we will assume your agency has no comments. If you have any questions, please contact Timothy Chee at the above email address. Thank you.

BRIEF COMMENTS:

[Empty box for brief comments]

- We have no objections.
- We have no comments.
- We have no additional comments.
- Comments are included/attached.

Signed:

Richard Howard

Print Name:

Richard Howard

Division:

DOBOR

Date:

2/20/2024

Attachments

Cc: Central Files

JOSH GREEN, M.D.
GOVERNOR | KA MA'AMANA

SYLVIA LURE
LEUTENANT GOVERNOR | KA HOPEA'IA'IA



DAWN K. S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KURUWAIWAI 'ĀINA
LAND DIVISION

P.O. BOX 621
HONOLULU, HAWAII 96809

February 16, 2024

LD 0215

MEMORANDUM

TO:

DLNR Agencies:

- Div. of Aquatic Resources (via email: kendall.tucker@hawaii.gov)
- Div. of Boating & Ocean Recreation (via email: Richard.t.howard@hawaii.gov)
- Engineering Division (via email: DLNR.Eng@hawaii.gov)
- Div. of Forestry & Wildlife (via email: Rubyrosa.T.Terrago@hawaii.gov)
- Div. of State Parks (curt.a.cottrell@hawaii.gov)
- Commission on Water Resource Management (via email: DLNR.CWRM@hawaii.gov)
- Office of Conservation & Coastal Lands (via email: Sharlven.k.kuba@hawaii.gov)
- Land Division – Oahu District (via email: barry.w.cheung@hawaii.gov)
- Aha Moku (via email: leimana.k.damale@hawaii.gov)

FROM:

Russell Y. Tsuji, Land Administrator

Russell Tsuji

SUBJECT:

Environmental Assessment Early Consultation Package for Tradewinds Garden

LOCATION:

Honolulu District, Island of Oahu, Hawaii

TMKs: (1) 2-1-014:006, 2-1-001:057 and 058

APPLICANT:

Wilson Okamoto Corporation

Transmitted for your review and comment is information on the above-referenced project. Please submit any comments to timothy.chee@hawaii.gov at the Land Division by the internal deadline of **March 12, 2024**. If no response is received by this date, we will assume your agency has no comments. If you have any questions, please contact Timothy Chee at the above email address. Thank you.

BRIEF COMMENTS:

- We have no objections.
- We have no comments.
- We have no additional comments.
- Comments are included/attached.

Signed:

Print Name:

Brian J. Neilson- Administrator

Division:

Aquatic Resources

Date:

Mar 13, 2024

Attachments

Cc: Central Files

JOHN OREPEKA
GOVERNOR | KE KAUNOA
SYLVIA LANE
LIEUTENANT GOVERNOR | KA HOEHIKAUNOA



STATE OF HAWAII | KA MOKU'AINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL
RESOURCES DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

Date: 3/12/2024

DAR # AR6580

DANNY B.L. SHIMIZU
COMMISSIONER
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
RYAN P. P. BANANA-DE
FIRST DEPUTY
BRANDI LIVING
ACTING DEPUTY, DIRECTOR-WATER
AQUATIC RESOURCES,
WATER AND OCEAN RESOURCES DIVISION
OF DEPARTMENT
OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
CONSERVATION AND QUALITY, LAND
CONSERVATION AND RESOURCE
ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HAWAIIAN PRESERVATION
HAWAIIAN ISLAND RESERVE COMMISSION
LAND
STATE PARKS

MEMORANDUM

TO: Brian J. Neilson
DAR Administrator

FROM: Jesse Boord, Aquatic Biologist

SUBJECT: Environmental Assessment Early Consultation Package for Tradewinds Garden

Request Submitted by: Keola Cheng, Director- Planning
TMK: (1) 2-1-014:006, 2-1-001:057 and 58

Location of Project: Honolulu, Oahu, Hawaii

Brief Description of Project:

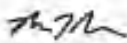
Wilson Okamoto Corporation is preparing an Environmental Assessment for the proposed Tradewinds Garden located in Honolulu. The proposed site is located at Pier 7 of the Honolulu Harbor and includes units 5 and 7 of the Honolulu Power Plant, further identified as TMK parcels (1) 2-1-014:006, 2-1-001:057 and 58.

The project aims to revitalize and modernize the waterfront by building a contemporary garden and art attraction. The proposed project would involve the use of State land and is therefore subject to the environmental documentation requirements under Chapter 343 HRS.

Comments:

No Comments Comments Attached

Thank you for providing DAR the opportunity to review and comment on the proposed project. Should there be any changes to the project plan, DAR requests the opportunity to review and comment on those changes.

Comments Approved:  Date: Mar 13, 2024
Brian J. Neilson
DAR Administrator

Comments

Sedimentation:

Sedimentation can introduce suspended solids, nutrients, and pollutants into aquatic ecosystems, leading to turbidity, reduced light penetration, and impaired water quality. Implement erosion and sediment control measures such as silt fences, sediment traps, and erosion control blankets to minimize soil disturbance and sediment runoff during construction activities.

Vegetation buffers: Maintain vegetative buffers along coastal areas to stabilize soil, reduce erosion, and filter sediment-laden runoff before it reaches the ocean.

Stormwater management: Implement stormwater management practices such as permeable pavement, vegetated swales, and retention ponds to reduce stormwater runoff volume and pollutant loads.

Monitoring and compliance: Consider establishing monitoring protocols to assess sedimentation levels, water quality parameters, and compliance with regulatory requirements throughout the project lifecycle.

DAR would like to request notification, photo-documentation, and GPS-coordinates for any occurrence where above-average amounts of sediment have entered the water, in order to assess impact, if any.

Protected Marine Species:

In the event that protected species such as the Hawaiian monk seal, other marine mammal, or sea-turtle is observed in close proximity to the construction site, and the activities being conducted may be considered as a "negligent or intentional act which results in disturbing or molesting a marine mammal", contractors should take appropriate action to modify activities in order to avoid disturbance to the regular behavior and activities of the animal. Appropriate action would include but is not limited to ceasing construction activity until the animal leaves the area of its own accord. If a pup is observed in the area, particular caution should be taken including creating a larger buffer between construction and the animals.

All staff working on-site will receive training to recognize the Hawaiian monk seal and sea turtles, as well as learn the necessary procedures to follow if these species are observed.

Any interaction between a protected species and the construction and repair activity proposed should be reported to the NOAA Protected Species Division and State of Hawaii DOCARE:

NOAA Marine Mammal Response Coordinators (Oahu): 808-220-7802

NOAA Sea Turtles (Oahu): Monday-Friday, 7:30am-4pm NOAA National Marine Fisheries Service - PIFSC Marine Turtle Biology and Assessment Program: (808) 725-5730

DAR# AR6580

Comments

Coral:

Do not cause physical damage to coral. Educate all personnel on site about the importance of minimizing any impacts to coral.

Work performed during coral spawning period (May to August) will require monitoring potential sedimentation and turbidity effects to coral eggs and larvae. Work will halt once sedimentation and turbidity surpass a water quality threshold determined by DAR.

Invasive Species:

An Aquatic Invasive Species (AIS) Mitigation Plan will be filed with the Division prior to conducting any activity under this permit. The Plan will include methods and protocols to minimize AIS or disease movement through gear, supplies and activities of the permittee. The permittee must take actions to verify that collection tools have been disinfected before use if previously used in activities in other locations.

The applicant will mitigate the spread of invasive species between areas of activity. Equipment will be inspected and disinfected between conducting activities in different areas, to mitigate the spread of disease or parasitic organisms. All gear deployed must be visually checked for invasive algae/sponges/other organisms and disinfected with 10% bleach solution for 10 minutes before deployment in alternate location if collecting between multiple watersheds/distinct reef areas. If collection gear cannot be bleached, gear must be thoroughly rinsed with fresh water and dried in sun for 24 hours before deployment in alternate location, sterilized with another viable method or alternate sampling gear should be utilized. If sampling disease or anomalous growth specimens, gear should be sterilized between each specimen or new collection gear should be used. The following species remain a concern to the division: Alien invasive algae (*Kappaphycus* spp., *Eucheuma denticulatum*, *Gracilaria salicornia*, *Acanthophora spicifera*, *Hypnea musciformis* and *Avrainvillea amadelpha*), Coral disease (*Montipora* White Syndrome, *Porites trematodiasis*, *Montipora* white syndrome, *Porites* tissue loss syndrome, and *Porites* spp. and *Montipora* spp. tumors, *Montipora* spp. growth anomaly), Orange keyhole sponge (*Mycale armata/grandis*), and snowflake coral (*Carijoa riisei*).

DAR# AR6580

Comments

Erosion/LBSP:

DAR recommends that best management practices for mitigation of erosion and LBSP be followed. The close proximity to aquatic resources should be considered during design and construction. Landscape design and leveling should be such that long term erosion and LBSP are minimized.

During construction these measures would include any type of barrier (e.g. sediment barriers/bags, petroleum absorption diapers, etc.) that limits the amount of sediment or LBSP (e.g. petroleum products, chemicals, debris, etc.) to the maximum extent practicable. DAR recommends that all construction materials be composed of environmentally inert materials to the extent practicable. The Contractor shall consider the weather while performing construction. Some work may be performed during low rain conditions, but all construction would be halted during storm conditions or when storm conditions threaten the watershed.

DAR would like to request notification, photo-documentation, and GPS-coordinates for any occurrence where above-average amounts of sediment or pollution have entered the water, in order to assess impact, if any.

DAR recommends that, where there is the opportunity to employ these erosion control and land-based sources of pollution (LBSP) barrier measures, the Contractor implement the practice of utilizing these (e.g. at any site where there will be excavation or sediment/pollutant producing activities up on top of the bank or in sections that have enough area between the activity and the water-line). These measures would include any type of barrier (e.g. sediment barriers/bags, petroleum absorption diapers, etc.) that limits the amount of sediment or LBSP (e.g. petroleum products, chemicals, debris, etc.) to the maximum extent practicable.

DAR recommends minimizing these incidences of sediment or land based sources of pollution releases in order to avoid a continuous release or buildup of sediment or LBSP in areas of the stream that may result in permanently killing or negatively impacting endemic species located in the lower reaches of the watershed.

DAR should be notified to assess impact should any event that occurs during construction that could negatively impact aquatic resources. Examples of this type of event include but are not limited to excess turbidity from construction and release of liquids such as oil or gas into the water.

DAR# AR6580

Comments

Hydrology and Precipitation:

The utilization of hydrological analyses is an effective and efficient way to determine the appropriate time for construction. Feasibly, construction should occur when the average seasonal flow is low and the probability of high-flow events is also low.

More data on precipitation trends can be found at :

<https://www.weather.gov/wrh/Climate?wfo=hfo>

Light Pollution:

Artificial lighting from construction sites can disorient and confuse marine wildlife such as sea turtles, fish, crabs, and birds. The disruption of their natural rhythms can have long-lasting consequences on their survival and population dynamics.

DAR recommends that construction activities occur during the daylight hours to the extent possible. All outdoor lighting should be fully shielded and pointed downward. Outdoor lighting should be turned off when not necessary, and automatic sensors are recommended.

Seabird fledgeling season occurs during Sept 15th - Dec 15th, and nighttime activity should be halted during this time. Fledglings become easily confused by artificial lighting, which can cause them to crash or land on the ground. Downed fledgelings become easy prey for cats, mongoose, or other predators. If downed or injured fledgelings are observed in the construction area, they should be reported for rescue:

Hawaii Wildlife Center

(808) 884-5000

9:00 am – 5:00 pm, 7 days a week

Hawaii Marine Animal Response

(808) 220-7802

7:00am – 7:00pm, 7 days a week



WILSON OKAMOTO
CORPORATION
INNOVATORS · PLANNERS · ENGINEERS

10815-01
February 13, 2024

Ms. Dawn Chang
Department of Land and Natural Resources
1151 Punchbowl Street
Honolulu, HI 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Tax Map Keys (TMKs): [1] 2-1-014;006, 2-1-001;057 and 58
Honolulu, O'ahu, Hawai'i

Dear Ms. Chang:

On behalf of Garden Art, LLC, Wilson Okamoto Corporation is preparing an Environmental Assessment (EA) for the proposed Tradewinds Garden located in Honolulu, on the island of O'ahu. The proposed Project Site is located at Pier 7 of the Honolulu Harbor as well as Units 5 and 7 of the Honolulu Power Plant and is further identified as TMK parcels [1] 2-1-014;006, 2-1-001;057 and 58.

The Proposed Project aims to revitalize and modernize the waterfront by introducing a contemporary garden and art attraction. The Proposed Project will involve the use of State lands and is therefore subject to the environmental documentation requirements under Chapter 343, Hawai'i Revised Statutes (HRS).

As part of the EA early consultation process, we are soliciting comments you may have on the Proposed Project. A summary of the Proposed Project and associated figures are enclosed, for your review. Please submit comments via email to publiccomment@wilsonokamoto.com, or written comments via mail to:

Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawai'i 96826
Attention: Keola Cheng, Planning Director

We would appreciate your written comments by March 13, 2024. Should you have any questions or require additional information regarding this request, please call myself or Mr. Dalton Beuprez at 946-2277. Thank you for your consideration in this matter.

Sincerely,

Keola Cheng

Keola Cheng, Director - Planning

Enclosures

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF LAND & NATURAL RESOURCES
STATE OF HAWAII

2024 FEB 16 AM 10:37

RECEIVED
L. ANDREW WILSON



10815-01
July 23, 2024

Mr. Brian J. Nielson
Division of Aquatic Resources
State of Hawai'i
1151 Punchbowl Steet, Room 330
Honolulu, HI, 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Neilson:

Thank you for your letter dated March 12, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

Your comments regarding sedimentation are acknowledged. Please note that Sections 3.2.1, and 3.3.1 of the Draft EA discuss mitigation measures with regard to erosion to prevent adverse impacts during construction.

- Your comments regarding vegetation buffers are acknowledged.
- Your comments regarding stormwater management are acknowledged. Please note that Section 3.15.3 of the Draft EA discusses mitigation measures with regard to drainage.
- Your comments regarding monitoring and compliance are acknowledged.
- Your comments regarding protected marine species, corals, and invasive species are acknowledged. Please note that Section 3.5.1 of the Draft EA discusses mitigation measures to prevent adverse effects to protected species.
- Your comments regarding erosion and land-based sources of pollution (LBSP) are acknowledged. Please note that Sections 3.2.1, 3.3.1 and 3.5.1 of the Draft EA discuss

Letter to Mr. Nielson
Page 2
July 23, 2024

mitigation measures with regard to erosion and LBSP to prevent adverse impacts during construction.

- Your comments regarding hydrology and precipitation are acknowledged.
- Your comments regarding light pollution are acknowledged. Please note that this has been incorporated into Section 3.5.1 of the Draft EA.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors



10815-01
July 23, 2024

Mr. Richard Howard
Division of Boating and Ocean Recreation
State of Hawai'i
P.O. Box 621
Honolulu, HI, 96809

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Howard:

Thank you for your letter dated February 16, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES | KA 'ŌIHA NA KUMUWAIWAI 'ĀINA
COMMISSION ON WATER RESOURCE MANAGEMENT | KE KAHUWAI PONO
P.O. BOX 621
HONOLULU, HAWAII 96809

Feb 28, 2024

REF: RFD.8239.3

TO: Keola Cheng, Director – Planning
Wilson Okamoto Corporation,

FROM: Dean D. Uyeno, Acting Deputy Director
Commission on Water Resource Management

SUBJECT: Environmental Assessment Early Consultation Package for Tradewinds Garden

FILE NO.: RFD.8239.3
TMK NO.: (1) 2-1-001:057, (1) 2-1-001:058, (1) 2-1-014:006

Handwritten signature of Dean D. Uyeno in black ink.

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-187 to 13-171. These documents are available via the Internet at <http://dlnr.hawaii.gov/cwrn>.

Our comments related to water resources are checked off below.

1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.
2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.
3. We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.
4. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at <http://www.usgbc.org/leed>. A listing of fixtures certified by the EAP as having high water efficiency can be found at <http://www.epa.gov/watersense>.
5. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at <http://planning.hawaii.gov/czm/initiatives/low-impact-development/>
6. We recommend the use of alternative water sources, wherever practicable.
7. We recommend participating in the Hawaii Green Business Program, that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner. The program description can be found online at <http://energy.hawaii.gov/green-business-program>.
8. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://www.hawaiiscape.com/wp-content/uploads/2013/04/LICH_Irrigation_Conservation_BMPs.pdf.

9. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.
10. The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit is required prior to use of water. The Water Use Permit may be conditioned on the requirement to use dual line water supply systems for new industrial and commercial developments.
11. The Hawaii Water Plan is directed toward the achievement of the utilization of reclaimed water for uses other than drinking and for potable water needs in one hundred per cent of State and County facilities by December 31, 2045 (§174C-31(g)(6), Hawaii Revised Statutes). We strongly recommend that this project consider using reclaimed water for its non-potable water needs, such as irrigation. Reclaimed water may include, but is not limited to, recycled wastewater, gray water, and captured rainwater/stormwater. Please contact the Hawai'i Department of Health, Wastewater Branch, for more information on their reuse guidelines and the availability of reclaimed water in the project area.
12. A Well Construction Permit(s) is (are) are required before the commencement of any well construction work.
13. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.
14. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.
15. Ground-water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.
16. A Stream Channel Alteration Permit(s) is (are) required before any alteration can be made to the bed and/or banks of a stream channel.
17. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is constructed or altered.
18. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.
19. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.
- OTHER:

If you have any questions, please contact Ryan Imata of the Regulation Branch at (808) 587-0225 or Katie Roth of the Planning Branch (808) 587-0218.



10815-01
July 23, 2024

Mr. Dean D. Uyeno
Acting Deputy Director
Commission on Water Resource Management
P.O. Box 621
Honolulu, HI 96809

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Uyeno:

Thank you for your letter dated February 26, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to the points raised in your letter:

Comment #1: We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area’s hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at <http://planning.hawaii.gov.czm/initiatives/low-impact-development/>

Response #1: Your comments are acknowledged. Please note that BMPs for stormwater management have been included in Section 3.2.2 and 3.3.1 of the EA.

Comment #2: We recommend adopting landscaping irrigation conservation BMPs endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://hawaiiscape.com/wp-content/uploads/2013/04/LICH_Irrigation_Conservation_BMPs.pdf

Response #2: Your comment is acknowledged and has been passed along to the design team.

Letter to Mr. Uyeno

Page 2

July 23, 2024

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

A handwritten signature in cursive script that reads "Keola Cheng". The signature is written in black ink on a white background.

Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



KENNETH S. HARA
MAJOR GENERAL
ADJUTANT GENERAL
KA 'AKUKANA KENELALA

STEPHEN F. LOGAN
BRIGADIER GENERAL
DEPUTY ADJUTANT GENERAL
KA HOPE 'AKUKANA KENELALA

STATE OF HAWAII
KA MOKU'ĀINA O HAWAII
DEPARTMENT OF DEFENSE
KA 'OIHANA PILI KAUA
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

February 22, 2024

RECEIVED
FEB 28 2024
WILSON OKAMOTO CORPORATION

Mr. Keola Cheng, Planning Director
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826

SUBJECT: Early Consultation for Environmental Assessment, Tradewinds Garden
Honolulu, Oahu
TMK (1) 2-1-014:006, (1) 2-1-001:057 and 58

Dear Mr. Cheng:

Thank you for the opportunity to comment on the above project. The State of Hawaii Department of Defense has no comments to offer relative to the project at this time.

Should there be any questions, please contact Mr. Tad T. Nakayama at 808-369-3490 or tad.t.nakayama@hawaii.gov.

Sincerely,

Shao Yu L. Lee, R.A.
Major, Hawaii National Guard
Chief Engineering Officer



10815-01
July 23, 2024

Ms. Shao Yu Lee
Chief Engineering Officer
Department of Defense
State of Hawai'i
3949 Diamond Head Road
Honolulu, HI 96816-4495

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Chief Lee:

Thank you for your letter dated February 22, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors



**STATE OF HAWAII
OFFICE OF PLANNING
& SUSTAINABLE DEVELOPMENT**

235 South Beretania Street, 6th Floor, Honolulu, Hawai'i 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawai'i 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: <https://planning.hawaii.gov/>

JOSH GREEN, M.D.
GOVERNOR

SYLVIA LUKE
LT. GOVERNOR

MARY ALICE EVANS
INTERIM DIRECTOR

DTS202402150913NA

Coastal Zone
Management
Program

March 12, 2024

Environmental Review
Program

Mr. Keola Cheng, Director - Planning
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawai'i 96826

Land Use Commission

Land Use Division

Special Plans Branch

Dear Mr. Cheng:

State Transit-Oriented
Development

Subject: Pre-Assessment Consultation - Tradewinds Garden
Honolulu, O'ahu, Hawai'i
TMKs: (1) 2-1-:014:006, 2-1-001:057 and 58

Statewide Geographic
Information System

Statewide
Sustainability Program

Thank you for the opportunity to provide comments on your pre-consultation request for the proposed Tradewinds Garden project. The review material was received by our office via memo dated February 13, 2024.

It is our understanding that the proposed action seeks to transform and modernize the Pier 7 area of Honolulu Harbor into a vibrant cultural destination by creating a garden and art center. The project aims to provide new features to this waterfront. This revitalization effort will provide a distinctive space that combines art and education to the Honolulu Harbor. The project will include the development of art galleries, gardens, educational facilities, and related features. This project seeks to attract additional businesses and opportunities to develop the Honolulu Waterfront into a more vibrant urban setting.

The Office of Planning and Sustainable Development (OPSD) has reviewed the submitted material and has the following comments to offer:

1. Coastal Zone Management Act (CZMA), Federal Consistency
The review material notes that the project will utilize the site of the vacant Hawaiian Electric Company (HECO) power substation adjacent to Pier 7. It is not clear if the use of this facility will necessitate federal approvals. Please consult with the appropriate federal authorities on needed federal permitting and approvals. If federal approvals are needed, then the project may be subject to CZMA federal consistency.

OPSD is the lead state agency with the authority to conduct CZMA federal consistency determinations. We recommend that you consult our office on the applicability of CZMA federal consistency.

2. Hawai'i Coastal Zone Management (CZM) Program

The CZM area is defined as "all lands of the State and the area extending seaward from the shoreline to the limit of the State's police power and management authority, including the U.S. territorial sea" under Hawai'i Revised Statutes (HRS) § 205A-1.

Pursuant to HRS § 205A-4, in implementing the objectives of the CZM program, agencies shall consider ecological, cultural, historic, esthetic, recreational, scenic, open space values, coastal hazards, and economic development. As the proposed action will require agency approvals, the Draft Environmental Assessment (Draft EA) should include a discussion on the project's consistency with the policies of the Hawai'i CZM Program, HRS § 205A-2, as amended.

Furthermore, the objectives and supporting policies of the Hawai'i CZM Program serve as the foundation of the enforceable policies of the State of Hawai'i. Disclosure of impacts on CZM objectives and supporting policies as it relates to HRS Chapter 343 requirements, will aid the State in evaluating impacts to the resources of the coastal zone, and mitigation measures on lands involved for this proposed action.

3. Stormwater Runoff, Erosion, and Water Resources

Pursuant to Hawaii Administrative Rules (HAR) § 11-200.1-18(d)(7) – identification and analysis of impacts and alternatives considered; to ensure that nearshore marine resources along the south shore of O'ahu remain protected, the negative effects of stormwater runoff and sediment loading from the proposed project site to Honolulu Harbor and the greater marine ecosystem should be evaluated.

Issues that may be examined include, but are not limited to, project site characteristics in relation to flood and erosion prone areas, vulnerability of the nearshore environment any increase in volume or flow rate of stormwater runoff. Developing mitigation measures for the protection of the water quality and the coastal ecosystem should take this into account, pursuant to HAR § 11-200.1-18(d)(8).

4. Climate Change Adaptation/Sea Level Rise (SLR)

Due to the project site's proximity to the south shore of O'ahu, the long-term viability of Pier 7 and Honolulu Harbor is in question. The Honolulu Waterfront may be vulnerable to coastal inundation and natural hazards associated with SLR. A key hazard to this project site is coastal erosion inundation. To assess the

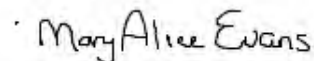
Mr. Keola Cheng
March 12, 2024
Page 3

potential environmental impacts and vulnerability of this site, we suggest the Draft EA refer to the findings of the Hawai'i Sea Level Rise Vulnerability and Adaptation Report 2017, accepted by the Hawai'i Climate Change Mitigation and Adaptation Commission.

The Report, and Hawai'i SLR Viewer at <https://www.pacioos.hawaii.edu/shoreline/slr-hawaii/> identifies a 3.2-foot SLR exposure area across the main Hawaiian Islands, as a starting evaluation point. The Draft EA should provide a map of at least 3.2-foot SLR exposure area in relation to the project area, and evaluate site-specific mitigation measures, including setbacks from the shoreline or relocation options further inland, increasing the height of the proposed structures to accommodate higher water levels, or related climate change adaptation strategies when feasible.

If you wish to respond to this comment letter, please include DTS202402150913NA in the subject line. Any questions regarding this on Environmental Assessment concerns, please contact Joshua Hekeia on at (808) 587-2845 or by email to Joshua.K.Hekeia@hawaii.gov, or Debra Mendes on federal consistency matters at (808) 587-2840 or by email to Debra.L.Mendes@hawaii.gov.

Sincerely,



Mary Alice Evans,
Interim Director



10815-01
July 23, 2024

Ms. Mary Alice Evans
Office of Planning and Sustainable Development
P.O. Box 2359
Honolulu, HI 96804

Subject: DTS202402150913NA
Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Ms. Evans :

Thank you for your letter dated March 5, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

Comment #1: *Coastal Zone Management Act (CZMA), Federal Consistency. The review material notes that the project will utilize the site of the vacant Hawaiian Electric Company (HECO) power substation adjacent to Pier 7. It is not clear if the use of this facility will necessitate federal approvals. Please consult with the appropriate federal authorities on needed federal permitting and approvals. If federal approvals are needed, then the project may be subject to CZMA federal consistency. OPSD is the lead state agency with the authority to conduct CZMA federal consistency determinations. We recommend that you consult our office on the applicability of CZMA federal consistency.*

Response #1: Your comments are acknowledged. Please note that Section 4.1.4 of the EA discusses how the Proposed Project is in conformance with the objectives and policies of the CZM.

Comment #2: *Hawai‘i Coastal Zone Management (CZM) Program. The CZM area is defined as “all lands of the State and the area extending seaward from the shoreline to the limit of the State’s*

police power and management authority, including the U.S territorial sea” under Hawai‘i Revised Statutes (HRS)§ 205A-1.

Pursuant to HRS § 205A-4, in implementing the objectives of the CZM program, agencies shall consider ecological, cultural, historic, esthetic, recreational, scenic, open space values, coastal hazards, and economic development. As the proposed action will require agency approvals, the Draft Environmental Assessment (Draft EA) should include a discussion on the project’s consistency with the policies of the Hawai‘i CZM Program, HRS § 205A-2, as amended.

Furthermore, the objectives and supporting policies of the Hawai‘i CZM Program serve as the foundation of the enforceable policies of the State of Hawai‘i. Disclosure of impacts on CZM objectives and supporting policies as it relates to HRS Chapter 343 requirements, will aid the State in evaluating impacts to the resources of the coastal zone, and mitigation measures on lands involved for this proposed action.

Response #2: We acknowledge your comments. Please note that Section 4.1.4 of the EA discuss the Proposed Project’s conformance with the policies and objectives of the CZM.

Comment #3: *Stormwater Runoff, Erosion, and Water Resources. Pursuant to Hawaii Administrative Rules (HAR) § 11-200.1-18(d)(7) – identification and analysis of impacts and alternatives considered; to ensure that nearshore marine resources along the south shore of O‘ahu remain protected, the negative effects of stormwater runoff and sediment loading from the proposed project site to Honolulu Harbor and greater marine ecosystem should be evaluated.*

Issues that may be examined include, but are not limited to, project site characteristics in relation to flood and erosion prone areas, vulnerability of the nearshore environment any increase in volume or flow rate of stormwater runoff. Developing mitigation measures for the protection of the water quality and the coastal ecosystem should take this into account, pursuant to HAR § 11-200.1- 18(d)(8).

Response #3: Your comments are acknowledged. Please note that Sections 3.2 and 3.3 of the Draft EA discuss mitigation measures with regard to stormwater runoff, erosion and water resources. Additionally, Section 3.5.1 of the Draft EA discusses mitigation measures to prevent adverse impacts to protected species.

Comment #4: *Climate Change Adaptation/ Sea Level Rise (SLR). Due to the project site’s proximity to the south shore of O‘ahu, the long-term viability of Pier 7 and Honolulu Harbor is in question. The Honolulu Waterfront may be vulnerable to coastal inundation and natural hazards associated with SLR. A key hazard to this project site is coastal erosion inundation. To assess the potential environmental impacts and vulnerability of this site, we suggest the Draft EA refer to the*

Letter to Ms. Evans

Page 3

July 23, 2024

findings of the Hawai‘i Sea Level Rise Vulnerability and Adaptation Report 2017, accepted by the Hawai‘i Climate Change Mitigation and Adaptation Commission.

The Report, and Hawai‘i SLR Viewer at <https://www.pacioos.hawaii.edu/shoreline/slr-hawaii/> identifies a 3.2-foot SLR exposure area across the main Hawaiian Islands, as a starting evaluation point. The Draft EA should provide a map of at least 3.2-foot SLR exposure area in relation to the project area, and evaluate site-specific mitigation measures, including setbacks from the shoreline or relocation options further inland, increasing the height of the proposed structures to accommodate higher water levels, or related climate change adaptation strategies when feasible.

Response #4: Your comments are acknowledged. Please note that Section 3.4.1 of the Draft EA discusses SLR and coastal erosion impacts, as well as mitigation measures to safeguard the Proposed Project.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai‘i’s Environmental Review Program’s (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

**BOARD OF WATER SUPPLY
KA 'OIHANA WAI
CITY AND COUNTY OF HONOLULU**

630 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96843
Phone: (808) 748-5000 • www.boardofwatersupply.com

RICK BLANGIARDI
MAYOR
MEIA

ERNEST Y. W. LAU, P.E.
MANAGER AND CHIEF ENGINEER
MANAKIA A ME KAHU WILIKI

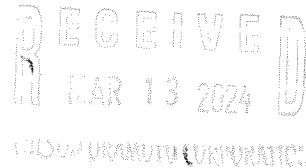
ERWIN KAWATA
DEPUTY MANAGER
HOPE MANAKIA



NĀ'ĀLEHU ANTHONY, Chair
KAPUA SPROAT, Vice Chair
BRYAN P. ANDAYA
JONATHAN KANESHIRO
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

March 11, 2024

Mr. Keola Cheng
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826



Dear Mr. Cheng:

Subject: Your Letter Dated February 13, 2024 Requesting Comments on the Environmental Assessment Early Consultation for Tradewinds Garden off Aloha Tower Drive – Tax Map Key: 2-1-001: 057 & 058 and 2-1-014: 006

Thank you for your letter regarding the proposed Pier 7 and Honolulu Power Plant revitalization project.

The existing water system is currently adequate to accommodate the proposed industrial redevelopment. However, please be advised that the existing Honolulu water system capacity has been reduced due to the shut-down of the Hālawā Shaft pumping station as a proactive measure to prevent fuel contamination from the Navy's Red Hill Bulk Storage Tank fuel releases. The final decision on the availability of water will be confirmed when the building permit application is submitted for approval, pending evaluation of the water system conditions at that time on a first-come, first-served basis. The Board of Water Supply (BWS) reserves the right to change any position or information stated herein up until the final approval of the building permit application.

We continue to request 10% voluntary water conservation of all customers until new sources are completed and require water conservation measures in all new developments. If water consumption significantly increases, progressively restrictive conservation measures may be required to avoid low water pressures and disruptions of water service.

Presently, there is no moratorium on the issuance of new and additional water services. Water distributed via the BWS water systems remains safe for consumption. The BWS is closely monitoring water usage and will keep the public informed with the latest findings. Please visit our website at www.boardofwatersupply.com and www.protectohawater.org for the latest updates and water conservation tips.

Mr. Keola Cheng
March 11, 2024
Page 2

When water is made available, the applicant will be required to pay our Water System Facilities Charges for resource development, transmission, and daily storage.

Water conservation measures are required for all proposed developments. These measures include utilization of nonpotable water for irrigation using rain catchment, drought tolerant plants, xeriscape landscaping, efficient irrigation systems, such as a drip system and moisture sensors, and the use of Water Sense labeled ultra-low flow water fixtures and toilets.

The proposed project is subject to BWS Cross-Connection Control and Backflow Prevention requirements prior to the issuance of the Building Permit Applications.

The construction drawings should be submitted for our approval, and the construction schedule should be coordinated to minimize impact to the water system.

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Barry Usagawa, Water Resources Division at (808) 748-5900.

Very truly yours,



ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer





10815-01
July 23, 2024

Mr. Ernest Lau
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, HI, 96843

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Lau:

Thank you for your letter dated March 11, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

- We acknowledge that the existing water is currently adequate to accommodate the Proposed Project.
- We acknowledge that the existing Honolulu water system capacity has been reduced due to the shut-down of the Hālawa Shaft pumping station. This has been passed along to the Client team.
- We acknowledge that BWS will make a final decision on the availability of water when the building permit application is submitted for approval.
- We acknowledge that the Proposed Project is subject to BWS Cross-Connection Control and Backflow Prevention requirements prior to the issuance of the Building Permit Applications. This has been incorporated into Section 4.3 of the Draft EA.
- Construction drawings will be submitted to BWS for review and approval.
- We acknowledge that on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department. Please note that Chapter 7 of the Draft EA includes a list of those that have been consulted with thus far in the EA process.

Letter to Mr. Lau

July 23, 2024

Page 2

- Please note that we have taken your comments into consideration in preparing the EA and have incorporated them with regards to the water system as it relates to the Proposed Project in Section 3.15.1 of the Draft EA.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng

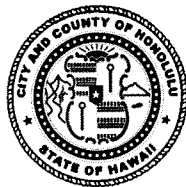
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF COMMUNITY SERVICES
KA 'OIHANA LAWELAWE KAIĀULU
CITY AND COUNTY OF HONOLULU

925 DILLINGHAM BOULEVARD, SUITE 200 • HONOLULU, HAWAII 96817
PHONE: (808) 768-7762 • FAX: (808) 768-7792 • WEB: www.honolulu.gov

RICK BLANGIARDI
MAYOR
MEJA

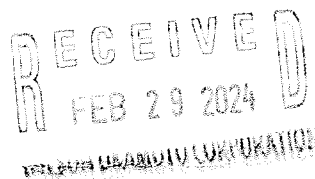


ANTON C. KRUCKY
DIRECTOR
PO'O

AEDWARD LOS BANOS
DEPUTY DIRECTOR
HOPE PO'O

February 21, 2024

Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826
Attn: Keola Cheng, Planning Director



Dear Mr. Cheng:

**SUBJECT: Pre-Consultation: DRAFT Environmental Assessment
Tradewinds Garden
Garden Art, LLC
Honolulu Harbor Pier 7 & Honolulu Power Plant Units 5 and 7
TMKs: (1) 2-1-014:006 & 2-1-001:057 and 058**

Thank you for notifying us that Wilson Okamoto Corporation is preparing a Draft Environmental Assessment (DEA) for the Tradewinds Garden project on behalf of Garden Art, LLC.

Given that the above-named project is set to be built entirely makai of South Nimitz Highway, the Department of Community Services (DCS) offers this list of seven City properties under its jurisdiction that are located on or near roads approaching the area and the access routes provided by Nimitz Highway and Ala Moana Boulevard:

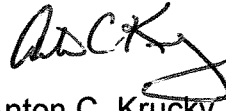
- 1) Loliana Apartments: 565 Quinn Lane
- 2) Kekaulike Courtyards: 1016 Maunakea Street
- 3) Smith-Beretania Apartments: 1170 Nu'uuanu Avenue
- 4) Pauahi Hale: 126 North Pauahi Street
- 5) Residences at Maunakea Marketplace: 1120 Maunakea Street
- 6) Pauahi Kupuna Hale: 167 North Pauahi Street
- 7) River-Pauahi Apartments: 1155 River Street
- 8) Hale Pauahi: 155 North Beretania Street

Mr. Keola Cheng
February 21, 2023
Page 2

DCS leases out (or monitors the leasing of) these properties for the provision of affordable and/or special needs housing. As such, we ask that this project take into consideration the health, safety, accessibility, and long-term wellbeing of people living nearby and/or involved with activities in the surrounding neighborhood.

Thank you for providing us the opportunity to comment on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anton C. Krucky', with a stylized flourish at the end.

Anton C. Krucky
Director



10815-01
July 23, 2024

Mr. Anton Krucky
Department of Community Services
City and County of Honolulu
925 Dillingham Blvd, Suite 200
Honolulu, HI, 96817

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Krucky:

Thank you for your letter dated February 21, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

We acknowledge that the Department of Community Services (DCS) offers a list of seven City properties under its jurisdiction that are located on or near roads approaching the area and the access routes provided by Nimitz Highways and Ala Moana Boulevard. The Project Team will take into consideration the health, safety, accessibility, and long-term wellbeing of people living nearby and/ or involved with activities in the surrounding neighborhood.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai‘i’s Environmental Review Program’s (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng

Letter to Mr. Krucky

July 23, 2024

Page 2

Keola Cheng

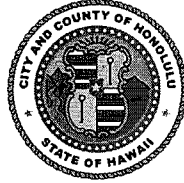
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF DESIGN AND CONSTRUCTION
KA 'OIHANA HAKULAU A ME KE KĀPILI
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 11TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8480 • FAX: (808) 768-4567 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



HAKU MILLES, P.E.
DIRECTOR
PO'O
BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

March 7, 2024

SENT VIA EMAIL

Mr. Keola Cheng
publiccomment@wilsonokamoto.com

Dear Mr. Cheng:

Subject: Environmental Assessment Early Consultation Package
for Tradewinds Garden
Tax Map Keys (TMKs): [1] 2-1-014:006, 2-1-001:057 and 058
Honolulu, O'ahu, Hawai'i

Thank you for the opportunity to review and comment. The Department of Design and Construction has no comments to offer at this time.

Should you have any questions, please contact me at (808) 768-8480.

Sincerely,

A handwritten signature in black ink, appearing to read "Bryan Gallagher".

~~Fox~~ Haku Milles, P.E., LEED AP
Director

HM:krm (917175)



10815-01
July 23, 2024

Mr. Haku Milles
Department of Design and Construction
City and County of Honolulu
650 South Beretania Street, 11th floor
Honolulu, HI, 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Milles:

Thank you for your letter dated March 7, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai‘i’s Environmental Review Program’s (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

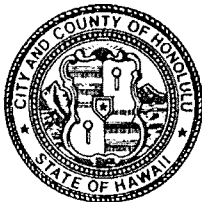
Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF FACILITY MAINTENANCE
KA 'OIHANA MĀLAMA HALE
CITY AND COUNTY OF HONOLULU

1000 ULU'OHIA STREET, SUITE 215, KAPOLEI, HAWAII 96707
PHONE: (808) 768-3343 • Fax: (808) 768-3381 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



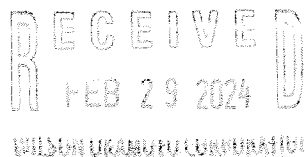
GENE C. ALBANO, P.E.
DIRECTOR AND CHIEF ENGINEER
PO'O A ME LUNA NUI 'ENEKINIA

WARREN K. MAMIZUKA
DEPUTY DIRECTOR
HOPE PO'O

IN REPLY REFER TO:
DRM 24-74

February 26, 2024

Mr. Keola Cheng
Wilson Okamoto Corporation
1901 S. Beretania Street, Suite 400
Honolulu, Hawaii 96826



Dear Mr. Cheng:

Subject: Environmental Assessment Early Consultation for
Tradewinds Gardens, TMKs: (1) 2-1-014:001:057 and 058

Thank you for the opportunity to review and comment on the subject project.

We have no comments at this time, as we do not have any facilities or easements on the subject property. We believe this area is under the jurisdiction of the State of Hawaii, Department of Transportation, Harbors Division.

If you have any questions, please call Mr. Kyle Oyasato of the Division of Road Maintenance at 768-3697.

Sincerely,

A handwritten signature in black ink, appearing to read "Gene C. Albano".

Gene C. Albano, P.E.
Director and Chief Engineer



10815-01
July 23, 2024

Mr. Gene Albano
Department of Facility Maintenance
City and County of Honolulu
1000 Ulu'ohia Street, Suite 215
Kapolei, HI, 96707

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Albano:

Thank you for your letter dated February 26, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF PLANNING AND PERMITTING
KA 'OIHANA HO'OLĀLĀ A ME NĀ PALAPALA 'AE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041 • WEBSITE: honolulu.gov/dpp

RICK BLANGIARDI
MAYOR
MEIA



DAWN TAKEUCHI APUNA
DIRECTOR
POO

JIRO A. SUMADA
DEPUTY DIRECTOR
HOPE PO'O

March 12, 2024

2024/ELOG-281 (JD)

SENT VIA EMAIL

Mr. Keola Cheng
publiccomment@wilsonokamoto.com

Dear Mr. Cheng:

SUBJECT: Pre-Consultation – Environmental Assessment (EA)
Tradewinds Garden Project
Pier 7 and Honolulu Power Plant – Honolulu Harbor/Aloha Tower
Tax Map Keys 2-1-001: 057, 058, and 2-1-014: 006

This is in response to your letter, received February 15, 2024, requesting comments regarding the upcoming preparation of an EA. We understand that the objective of the proposed Project is to revitalize Pier 7 of the Honolulu Harbor, which is identified as Tax Map Keys 2-1-001: 057 and 058, and Units 5 and 7 of the Honolulu Power Plant, which is identified as Tax Map Key 2-1-014: 006. More specifically, the improvements include interior modifications to existing facilities to establish a garden and art museum and exterior modifications and enhancements. Our comments are listed below.

- Parcel 006 is located within the Kakaako Community Development District and is under the State's Jurisdiction. Therefore, we have no comments related to this portion of the Project and defer to the Hawaii Community Development Authority.
- Portions of Pier 7 are within the B-2 Community Business District and the Hawaii Capital Special District. Therefore, any proposed uses and exterior modifications should comply with the underlying zoning district and Hawaii Capital Special District design standards and guidelines.
- A Special District (SD) Permit may be required for proposed exterior modifications to the existing buildings located on Pier 7. Pursuant to Revised Ordinances of Honolulu Chapter 21, Table 21-9.1, an SD Permit

Mr. Keola Cheng
March 12, 2024
Page 2

is required for major exterior repairs, alterations, or additions to structures. However, more detailed information regarding the existing structures and proposed work is necessary in order to determine if an SD Permit will be necessary, and whether or not the permit would be a Major or Minor.

Thank you for the opportunity to comment on this proposal. Should you have any questions, please contact Jordan Dildy, of our Urban Design Branch, at (808) 768-8027 or via email at jdildy@honolulu.gov.

Very truly yours,

for 
Dawn Takeuchi Apuna
Director



10815-01

July 23, 2024

Ms. Dawn Takeuchi-Apuna
Department of Planning and Permitting
City and County of Honolulu
650 South Beretania Street, 7th Floor
Honolulu, HI, 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Ms. Takeuchi-Apuna:

Thank you for your letter dated March 12, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft EA with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to the points raised in your letter:

Comment #1: *Parcel 006 is located within the Kakaako Community Development District and is under the State’s Jurisdiction. Therefore, we have no comments related to this portion of the Project and defer to the Hawaii Community Development Authority.*

Response #1: Your comments are acknowledged.

Comment #2: *Portions of Pier 7 are within the B-2 Community Business District and the Hawaii Capital Special District. Therefore, any proposed uses and exterior modifications should comply with the underlying zoning district and Hawaii Capital Special District design standards and guidelines.*

Response #2: Your comments are acknowledged. This has been passed along to the design team.

Letter to Ms. Takeuchi-Apuna

July 23, 2024

Page 2

Comment #3: *A Special District (SD) Permit may be required for the proposed exterior modification to the existing buildings located on Pier 7. Pursuant to Revised Ordinances of Honolulu Chapter 21, Table 21-9.1, an SD Permit is required for major exterior repairs, alterations, or additions to structures. However, more detailed information regarding the existing structures and proposed work is necessary in order to determine if an SD Permit will be necessary, and whether or not the permit would be a Major or Minor.*

Response #3: Your comments are acknowledged. This has been incorporated into Section 4.3 of the Draft EA.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng

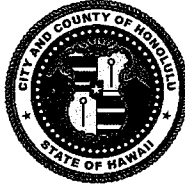
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

DEPARTMENT OF TRANSPORTATION SERVICES
KA 'OIHANA LAWELAWE 'ŌHUA
CITY AND COUNTY OF HONOLULU

711 KAPI'OLANI BOULEVARD, SUITE 1600
HONOLULU, HAWAII 96813
Phone: (808) 768-8305 • Fax: (808) 768-4730 • Website: honolulu.gov/transportation

RICK BLANGIARDI
MAYOR
MEIA



J. ROGER MORTON
DIRECTOR
PO'O

JON Y. NOUCHI
DEPUTY DIRECTOR
HOPE PO'O

TP3/24-917423

March 13, 2024

Keola Cheng, Planning Director
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii 96826

Dear Mr. Cheng:

SUBJECT: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Tax Map Keys (TMKs): [1] 2-1-:014:006, 2-1-001:057 and 58
Honolulu, O'ahu, Hawaii

Thank you for the opportunity to provide written comments regarding the Environmental Assessment Early Consultation Package for Tradewinds Garden; Tax Map Keys (TMKs): [1] 2-1-:014:006, 2-1-001:057 and 58; Honolulu, O'ahu, Hawaii. We have the following comments.

1. Transportation Impact Assessment (TIA). The Applicant should perform a TIA to examine the vehicle, pedestrian, bicycle, and public transit safety, stress, and comfort levels at the nearby intersections and driveways with corresponding improvements to mitigate these impacts by applying Complete Streets principles. The applicant shall discuss the future year growth rate, trip distribution, mode split, and route assignment assumptions used in the TIA.

The forthcoming Kuloloia Downtown rail station (rail station) will be located adjacent to the Project site, and will host numerous multi-modal connections. As such, the TIA must analyze and construct improvements to mitigate the project impacts including, but not limited to, rail access from the Project site, pedestrian/bicycle improvements per the Honolulu Complete Streets Design Manual, O'ahu Pedestrian Plan, O'ahu Bike Plan, and any applicable streetscape plan.

The applicant shall submit all native files (e.g., Synchro, Excel, etc.) for the raw multi-modal counts (in the format specified at <https://geocounts.com/api/format/> and the example file at <https://bit.ly/DTS-count-sample>) and accompanying analyses to the Department of Transportation Services Regional Planning Branch (RPB) at dtsplanningdiv@honolulu.gov. Please refer to the Department of Transportation Services (DTS) TIA Guide for multimodal assessment tools and recommended analyses. The TIA Guide can be found at <http://www4.honolulu.gov/docushare/dsweb/View/Collection-7723>.

2. Parking. A discussion regarding off-street parking and site generated parking demand should be added to this report. The project should consider Transit Oriented Development (TOD) core principals. The January 2017 report, *Trip and Parking Generation at Transit-Oriented Developments Number NITC-RR-767*, concludes that less parking is required than suggested in the *Institute of Transportation Engineers (ITE) Parking Generation Manual* for sites that are dense, mixed use, with low stress pedestrian environments, and adjacent to a high quality transit stop. We recommend the applicant provide the minimum TOD parking ratio, given that the Project falls within a TOD Plan area and is in close proximity to the future rail station.
3. Pedestrian and Bicycle Improvements.
 - i. Shared Use Paths. The Applicant shall construct sidewalks fronting the Project site consistent with the proposed Harbor Promenade and Aloha Tower Path Shared Use Path projects (Project IDs RD-24 and 1-68 in the 2019 O'ahu Bike Plan, respectively.)
 - ii. Kuloloia (Downtown) rail station. The forthcoming rail station will be located adjacent to the Project site and will host numerous multi-modal connections. As such, the applicant must construct sidewalk and pedestrian access improvements allowing for better and safer access to/from the forthcoming rail station.
 - iii. Sidewalks. All internal Project sidewalks/pedestrian paths and those fronting the Project site (excluding Shared Use Paths) shall have a minimum of 5-foot, 8-foot preferred, pedestrian clear zone separate from the furniture and utility zone. Sidewalks shall incorporate the standards of the Honolulu Complete Streets Design Manual, including the placement of street furniture such as landscaping, signage, and lighting, which is intended to provide added protection for pedestrians.

New sidewalks, curb ramps, curbs, and gutters must meet current Americans with Disabilities Act standards.

- iv. Installation of lighting; pedestrian-oriented green infrastructure, trees, or other greening landscape consistent with the Complete Streets furniture zone; and trash receptacles per the Honolulu Complete Streets Design Manual, O'ahu Pedestrian Plan, and any applicable streetscape plan.

4. Transit Improvements.

- i. Require the developer, management entity, or owners' association to adopt (i.e., be responsible for litter removal, cleaning and maintenance of bus stop shelter, benches and floor area) any future bus stops fronting the Project site at no cost to the City.

5. Transit Oriented Development. We suggest the following multi-modal mitigation measures be completed with the Project:

- i. Include a description of how the Project will promote, encourage, and monitor transit use by its employees and visitors.
- ii. The management entity should inform employees and visitors of vanpool, car share, and bikeshare programs to promote alternate modes of transportation.
- iii. Provide employees with subsidized transit passes.

6. TheBus Stops. The Project is in close proximity to TheBus Stop #1281, as such, we have the following comments.

- i. Air quality during construction may be unhealthy for bus riders waiting at TheBus Stop #1281, which is adjacent to Pier 7, if it's not closed or relocated. As such, the Applicant shall implement appropriate air quality mitigations.
- ii. If the Project affects Aloha Tower Drive and Nimitz Highway, TheBus Stop #1281 may need to be closed or relocated for the duration of the work. TheBus Routes 60 (Honolulu-Kaneohe-Haleiwa), 65 (Honolulu-Kaneohe-Ahuimanu), 67 (Honolulu-Kailua-Waimanalo), and 88A (North Shore Express) may need to be detoured. Advanced notification/coordination with the Department of Transportation Services (DTS) - Transportation Mobility Division (TMD) and O'ahu

Mr. Keola Cheng, Planning Director
March 13, 2024
Page 4

Transit Services, Inc. will be needed, contact DTS-TMD at
TheBusStop@honolulu.gov.

- iii. If TheBus Stop #1281 is closed, the nearest eastbound bus stop that is served by TheBus Routes 60, 65, 67, and 88A is TheBus Stop #1282 (Ala Moana Boulevard + Opposite Punchbowl Street) and is approximately 1300-feet east of TheBus Stop #1281. Americans with Disabilities Act (ADA) accessibility will need to be maintained between Aloha Tower and TheBus Stop #1282 to accommodate the current users of TheBus Stop #1281 (average daily weekday ridership is 120, average daily Saturday ridership is 150, and average daily Sunday ridership is 96).
7. Street Usage Permit. A street usage permit from the DTS should be obtained for any construction-related work that may require the temporary closure of any traffic lane, sidewalk, bicycle lane, or pedestrian mall on a City street.
8. Neighborhood Impacts. The area representatives, neighborhood board, as well as the area guests, businesses, emergency personnel (fire, ambulance, and police), O'ahu Transit Services, Inc. (TheBus and TheHandi-Van), etc., should be kept apprised of the details and status throughout the project and the impacts that the project may have on the adjoining local street area network.
9. Disability and Communication Access Board (DCAB). Project plans (vehicular and pedestrian circulation, sidewalks, parking and pedestrian pathways, vehicular ingress/egress, etc.) should be reviewed and approved by DCAB to ensure full compliance with Americans with Disabilities Act requirements.

Should you have any questions, please contact Greg Tsugawa, of my staff, at (808) 768-6683.

Very truly yours,



J. Roger Morton
Director



10815-01
July 23, 2024

Mr. Roger J. Morton
Department of Transportation Services
City and County of Honolulu
711 Kapi'olani Boulevard, Suite 1600
Honolulu, HI 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Morton:

Thank you for your letter dated March 13, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft EA with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to the points raised in your letter:

Comment #1: *Transportation Impact Assessment (TIA). The Applicant should perform a TIA to examine the vehicle, pedestrian, bicycle, and public transit safety, stress, and comfort levels at the nearby intersections and driveways with corresponding improvements to mitigate these impacts by applying Complete Streets principles. The applicant shall discuss the future year growth rate, trip distribution, mode split, and route assignment assumptions used in the TIA.*

The forthcoming Kuloloia Downtown rail station (rail station) will be located adjacent to the Project site, and will host numerous multi-modal connections. As such, the TIA must analyze and construct improvements to mitigate the project impacts including, but not limited to, rail access from the Project site, pedestrian/bicycle improvements per the Honolulu Complete Streets Design Manual, O'ahu Pedestrian Plan, O'ahu Bike Plan, and any applicable streetscape plan.

The applicant shall submit all native files (e.g., Synchro, Excel, etc.) for the raw multi-modal counts (in the format specified at <https://geocounts.com/api/format/> and the example file at <https://bit.ly/DTS-count-sample>) and accompanying analyses to the Department of Transportation Services Regional Planning Branch (RPB) at dtsplanningdiv@honolulu.gov. Please refer to the Department of Transportation Services (DTS) TIA Guide for multimodal assessment tools and recommended analyses. The TIA Guide can be found at <http://www4.honolulu.gov/docushare/dsweb/View/Collection-7723>.

Response #1: Your comments are acknowledged. Please note that Section 3.11 discusses recommendations based on the Traffic Impact Report (TIR) as it relates to vehicle, pedestrian, bicycle, and public transit safety.

Comment #2: *Parking. A discussion regarding off-street parking and site generated parking demand should be added to this report. The project should consider Transit Oriented Development (TOD) core principals. The January 2017 report, Trip and Parking Generation at Transit-Oriented Developments Number NITC-RR-767, concludes that less parking is required than suggested in the Institute of Transportation Engineers (ITE) Parking Generation Manual for sites that are dense, mixed use, with low stress pedestrian environments, and adjacent to a high quality transit stop. We recommend the applicant provide the minimum TOD parking ratio, given that the Project falls within a TOD Plan area and is in close proximity to the future rail station.*

Response #2: Your comments are acknowledged.

Comment #3i: *Pedestrian and Bicycle Improvements. Shared Use Paths. The Applicant shall construct sidewalks fronting the Project site consistent with the proposed Harbor Promenade and Aloha Tower Path Shared Use Path projects (Project IDs RD-24 and I-68 in the 2019 O'ahu Bike Plan, respectively)*

Response #3i: Your comments are acknowledged. These comments have been passed along to the design team.

Comment #3ii: *Kuloloia (Downtown) rail station. The forthcoming rail station will be located adjacent to the Project site and will host numerous multi-modal connections. As such, the applicant must construct sidewalk and pedestrian access improvements allowing for better and safer access to/from the forthcoming rail station.*

Response #3ii: Noted. Your comments have been passed along to the design team.

Comment #3iii: *Sidewalks. All internal Project sidewalks/pedestrian paths and those fronting the Project site (excluding Shared Use Paths) shall have a minimum of 5-foot, 8-foot preferred, pedestrian clear zone separate from the furniture and utility zone. Sidewalks shall incorporate the standards of the Honolulu Complete Streets Design Manual, including the placement of street furniture such as landscaping, signage, and lighting, which is intended to provide added protection for pedestrians.*

New sidewalks, curb ramps, curbs, and gutters must meet current Americans with Disabilities Act standards.

Response #3iii: Your comments are acknowledged. These comments have been passed along to the design team.

Letter to Mr. Morton

Page 3

July 23, 2024

Comment #3iv: *Installation of lighting; pedestrian-oriented green infrastructure, trees, or other greening landscape consistent with the Complete Streets furniture zone; and trash receptacles per the Honolulu Complete Streets Design Manual, O‘ahu Pedestrian Plan, and any applicable streetscape plan.*

Response #3iv: Your comments are acknowledged. These comments have been passed along to the design team.

Comment #4: *Transit Improvements. Require the developer, management entity, or owners' association to adopt (i.e., be responsible for litter removal, cleaning and maintenance of bus stop shelter, benches and floor area) any future bus stops fronting the Project site at no cost to the city.*

Response #4: Your comments are acknowledged and have been passed along to the Applicant.

Comment #5i: *Transit Oriented Development. We suggest the following multi-modal mitigation measures be completed with the Project: include a description of how the project will promote, encourage, and monitor transit use by its employees and visitors.*

Response #5i: Your comments are acknowledged.

Comment #5ii: *The management entity should inform employees and visitors of vanpool, car share, and bikeshare programs to promote alternate modes of transportation.*

Response #5ii: Your comments are acknowledged. Please note that the TIR has made note of this and is included in Section 3.11 of the EA.

Comment #5iii: *Provide employees with subsidized transit passes.*

Response #5iii: Your comments are acknowledged and have been passed along to the Applicant.

Comment #6i: *TheBus Stops. The Project is in close proximity to TheBus Stop #1281, as such, we have the following comments. Air quality during construction may be unhealthy for bus riders waiting at TheBus Stop #1281, which is adjacent to Pier 7, if it's not closed or relocated. As such, the Applicant shall implement appropriate air quality mitigations.*

Response #6i: Your comments are acknowledged. Please note that Section 3.8 of the EA discusses mitigation measures related to air quality.

Comment #6ii: *If the Project affects Aloha Tower Drive and Nimitz Highway, TheBus Stop #1281 may need to be closed or relocated for the duration of the work. TheBus Routes 60 (Honolulu-Kaneohe-Haleiwa), 65 (Honolulu-Kaneohe-Ahuimanu), 67 (Honolulu-Kailua-Waimanalo), and 88A (North Shore Express) may need to be detoured. Advanced notification/coordination with the Department of Transportation Services (DTS) - Transportation Mobility Division (TMD) and O‘ahu Transit Services, Inc. will be needed, contact DTS-TMD at TheBusStop@honolulu.gov.*

Response #6ii: Your comments are acknowledged.

Comment #6iii: *If TheBus Stop #1281 is closed, the nearest eastbound bus stop that is served by TheBus Routes 60, 65, 67, and 88A is TheBus Stop #1282 (Ala Moana Boulevard + Opposite Punchbowl Street) and is approximately 1300-feet east of TheBus Stop #1281. Americans with Disabilities Act (ADA) accessibility will need to be maintained between Aloha Tower and TheBus Stop #1282 to accommodate the current users of TheBus Stop #1281 (average daily weekday ridership is 120, average daily Saturday ridership is 150, and average daily Sunday ridership is 96).*

Response #6iii: Your comments are acknowledged.

Comment #7: *Street Usage Permit. A street usage permit from the DTS should be obtained for any construction-related work that may require the temporary closure of any traffic lane, sidewalk, bicycle lane, or pedestrian mall on a City street.*

Response #7: Your comments are acknowledged. Please note that this has been added to Section 4.3 of the EA.

Comment #8: *Neighborhood Impacts. The area representatives, neighborhood board, as well as the area guests, businesses, emergency personnel (fire, ambulance, and police), O'ahu Transit Services, Inc. (TheBus and TheHandi-Van), etc., should be kept apprised of the details and status throughout the project and the impacts that the project may have on the adjoining local street area network.*

Response #8: Your comments are acknowledged. Please note that Chapter 7 includes a list of those that have been consulted with thus far in the EA process.

Comment #9: *Disability and Communication Access Board (DCAB). Project plans (vehicular and pedestrian circulation, sidewalks, parking and pedestrian pathways, vehicular ingress/egress, etc.) should be reviewed and approved by DCAB to ensure full compliance with Americans with Disabilities Act requirements.*

Response #9: Your comments are acknowledged. This has been passed along to the design team. They will ensure that the Proposed Project plans are reviewed and approved by DCAB to ensure full compliance with the American with Disabilities Act requirements.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Letter to Mr. Morton

Page 5

July 23, 2024

Sincerely,

A handwritten signature in cursive script that reads "Keola Cheng".

Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

**HONOLULU FIRE DEPARTMENT
KA 'OIHANA KINAI AHI O HONOLULU
CITY AND COUNTY OF HONOLULU**

636 SOUTH STREET • HONOLULU, HAWAII 96813
PHONE: (808) 723-7139 • FAX: (808) 723-7111 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



SHELDON K. HAO
FIRE CHIEF
LUNA NUI KINAI AHI

JASON SAMALA
DEPUTY FIRE CHIEF
HOPE LUNA NUI KINAI AHI

February 22, 2024

Mr. Keola Cheng, Planning Director
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawaii'i 96826



Dear Mr. Cheng:

Subject: Environmental Assessment Early Consultation Package
Tradewinds Garden
Honolulu, O'ahu, Hawaii'i
Tax Map Keys: 2-1-014: 006, 2-1-001: 057 and 058

In response to your letter dated February 13, 2024, regarding the abovementioned subject, the Honolulu Fire Department (HFD) reviewed the submitted information and requires that the following be complied with:

1. The fire department access roads shall be in accordance with National Fire Protection Association (NFPA) 1; 2018 Edition, Section 18.2.3.
2. A fire department access road shall extend to within 50 feet (15 meters) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building. (NFPA 1; 2018 Edition, Section 18.2.3.2.1.)
3. Fire department access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 feet (46 meters) from fire department access roads as measured by an approved route around the exterior of the building or facility. (NFPA 1; 2018 Edition, Sections 18.2.3.2.2 and 18.2.3.2.2.1, as amended.)
4. An approved water supply capable of supplying the required fire flow for fire protection shall be provided to all premises upon which

Mr. Keola Cheng
Page 2
February 22, 2024

facilities, buildings, or portions of buildings are hereafter constructed or moved into the jurisdiction. The approved water supply shall be in accordance with NFPA 1; 2018 Edition, Sections 18.3 and 18.4.

5. Submit civil drawings to the City and County of Honolulu's Department of Planning and Permitting and route them to the HFD for review and approval.

The requirements above are required by the HFD. This project may have additional requirements to be met as determined by other agencies.

Should you have questions, please contact Battalion Chief Jean-Claude Bisch of our Fire Prevention Bureau at 808-723-7151 or jbisch@honolulu.gov.

Sincerely,



CRAIG UCHIMURA
Assistant Chief

CU/MD:jl



10815-01
July 23, 2024

Mr. Craig Uchimura
Assistant Chief
Honolulu Fire Department
City and County of Honolulu
636 South Street
Honolulu, HI, 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Uchimura:

Thank you for your letter dated February 22, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

Comment #1: *The fire department access roads shall be in accordance with National Fire Protection Association (NFPA) 1; 2018 Edition, Section 18.2.3.*

Response #1: Your comments are acknowledged. These comments have been passed along to the design team.

Comment #2: *A fire department access road shall extend to within 50 feet (15 meters) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building.*

Response #2: Your comments are acknowledged. These comments have been passed along to the design team.

Comment #3: *Fire department access roads shall be provided such that any portion of the facility of any portion of an exterior wall of the first story of the building is located not more than 150 feet*

Letter to Mr. Uchimura

Page 2

July 23, 2024

(46 meters) from fire department access roads as measured by an approved route around the exterior of the building or facility. (NFPA1; 2018 Edition, Sections 18.2.3.2.2 and 18.2.3.2.2.1, as amended)

Response #3: Your comments are acknowledged. These comments have been passed along to the design team.

Comment #4: *An approved water supply capable of supplying the required fire flow for protection shall be provided to all premises upon which facilities, buildings, or portions of buildings are hereafter constructed or moved into the jurisdiction. The approved water supply shall be in accordance with NFPA 1; 2018 Edition, Sections 18.3 and 18.4.*

Response #4: We acknowledge that the approved water supply shall be in accordance with NFPA 1; 2018 Edition, Section 18.3 and 18.4

Comment #5: *Submit civil drawings to the City and County of Honolulu's Department of Planning and Permitting (DPP) and route them to the HFD for review and approval.*

Response #5: Civil drawings will be submitted to the DPP and HFD for review and approval as noted in Section 4.3 of the EA.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



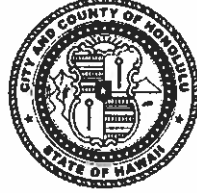
Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

POLICE DEPARTMENT
KA 'OIHANA MĀKA'I O HONOLULU
CITY AND COUNTY OF HONOLULU

801 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96813
TELEPHONE: (808) 529-3111 • WEBSITE: www.honoluluupd.org



RICK BLANGIARDI
MAYOR
MEIA

ARTHUR J. LOGAN
CHIEF
KAHU MĀKA'I

KEITH K. HORIKAWA
RADE K. VANIC
DEPUTY CHIEFS
HOPE LUNA NUI MĀKA'I

OUR REFERENCE **EO-SH**

March 1, 2024

SENT VIA EMAIL

Mr. Keola Cheng
publiccomment@wilsonokamoto.com

Dear Mr. Cheng:

This is in response to your correspondence of February 13, 2024, requesting input for the Early Consultation for the proposed Tradewinds Garden to be located at Pier 7 of the Honolulu Harbor.

Based on the information provided, the Honolulu Police Department does not have any comments at this time. As the project progresses, the HPD recommends that the developer works with the Neighborhood Board, as this project may increase visitors to the area, and calls for police service(s).

If there are any questions, please call Major Paul Okamoto of District 1 (Central Honolulu) at (808) 723-3327.

Sincerely,

A handwritten signature in black ink that reads "Glenn Hayashi". The signature is written in a cursive style with a prominent "G" and "H".

GLENN HAYASHI
Assistant Chief of Police
Support Services Bureau



10815-01
July 23, 2024

Mr. Glenn Hayashi
Assistant Chief of Police
Honolulu Police Department
City and County of Honolulu
801 South Beretania Street
Honolulu, HI, 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Mr. Hayashi:

Thank you for your letter dated March 1, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

- We acknowledge that the Honolulu Police Department (HPD) does not have any comments at this time.
- We acknowledge that the HPD recommends that the developer works with the Neighborhood Board, as this project may increase visitors to the area, and calls for police service(s). Please note that Chapter 7 includes a list of those consulted thus far in the EA process.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai‘i’s Environmental Review Program’s (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Page 2
Letter to Mr. Uchimura
July 23, 2024

A handwritten signature in black ink that reads "Keola Cheng". The signature is written in a cursive style and is positioned above the printed name.

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors



HONOLULU CITY COUNCIL

KE KANIHELA O KE KALANA O HONOLULU

530 S. KING ST. STE. 202, HONOLULU, HI 96813

TYLER DOS SANTOS-TAM
HONOLULU CITY COUNCIL
DISTRICT VI
TELEPHONE: (808) 768-5006
FAX: (808) 768-1176
EMAIL: tdossantos-tam@honolulu.gov

March 5, 2024

via email: publiccomment@wilsonokamoto.com

Attn: Keola Cheng, Planning Director
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawai'i 96826

RE: Early Consultation for Environmental Assessment for Tradewinds Garden

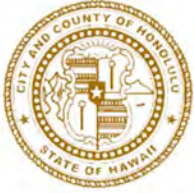
Aloha mai kākou,

Thank you for the opportunity to provide comments as part of the Early Consultation for the Environmental Assessment for Tradewinds Garden, a proposed project located at Pier 7 of Honolulu Harbor and at Units 5 and 7 of the Honolulu Power Plant.

As a supporter of public art, I appreciate that the project proposes to establish a garden and art museum, gallery space, a hot shop for observing glass art creation, a bookstore area, and a bar and restaurant for both kama'āina and visitors. Expanding access to the arts, public access to greenspace, and amenities along the Honolulu Harborfront are welcomed goals.

I suggest that the following be considered as part of the Environmental Assessment:

1. Because the project is adjacent to office buildings and residential apartment towers, I hope that the Environmental Assessment thoroughly discusses ways to safely mitigate hazardous materials that may be disturbed during the renovation of the old Honolulu Power Plant, and reduce fugitive dust and construction noise.
2. Because the project involves the use of State lands, I recommend that the Economic Impact section make an explicit mention that Chapter 104 prevailing wages will be required for construction laborers and mechanics involved on the project. Prevailing wages are important to ensure that our local construction workers can make it in the middle class here in the islands.
3. The waterfront between Piers 6 and 7, and Piers 7 and 8 is home to a small colony of corals and tropical fish. While the total amount of wildlife present in the area is relatively small, the corals and fish are special because they are so immediately visible to visitors and others who pass through the area. Their presence is both an educational opportunity and a tourist attraction. Please consider how best to minimize disruption to marine wildlife and, after project completion, to enhance and protect the marine wildlife that makes their home in the area.



HONOLULU CITY COUNCIL

KE KANIHELA O KE KALANA O HONOLULU

530 S. KING ST. STE. 202, HONOLULU, HI 96813

TYLER DOS SANTOS-TAM
HONOLULU CITY COUNCIL
DISTRICT VI
TELEPHONE: (808) 768-5006
FAX: (808) 768-1176
EMAIL: tdossantos-tam@honolulu.gov

Page 2 of 2

4. In addition to mentioning the Honolulu Arts District as a surrounding use, please consider adding in a mention of Honolulu's Historic Chinatown as a surrounding use which can be complemented by the project. Honolulu's Chinatown is full of history, culture, and small businesses, all of which have been shaped by their proximity to Honolulu Harbor over the years.
5. Please consider impacts of the project to Irwin Memorial Park, which is required to remain in park use as per its deed. Additional foot traffic in the area will hopefully be positive for this park and will hopefully encourage better maintenance of the park.
6. The proposal for a raised crosswalk, traffic table, and sidewalk bulbs between Pier 7 and the Honolulu Power Plant is welcomed from a pedestrian safety perspective. Please work with the Department of Transportation Services to ensure that the crosswalk will not negatively impact bus operations at Bus Stop 1281. Please also coordinate with the Department of Transportation Services to ensure that these improvements will not impact future bus service, especially rail-to-bus or bus-to-rail transfers that may happen at the future rail Kuloloia Skyline station.
7. As construction of the project is intended to take place between 2024 and 2026, and rail construction in the area may extend as late as 2031, please coordinate with HART to minimize disruption to the proposed museum and retail space.

Me ka ha'aha'a,

A handwritten signature in black ink that reads "Tyler Dos Santos-Tam". The signature is written in a cursive style.

Tyler Dos Santos-Tam
City Councilmember, District VI



10815-01
July 23, 2024

Tyler Dos Santos- Tam
Honolulu City Council
District VI
City and County of Honolulu
tdossantos-tam@honolulu.gov

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Councilmember Santos-Tam:

Thank you for your letter dated March 5, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

Comment #1: *Because the project is adjacent to office buildings and residential apartment towers, I hope that the Environmental Assessment thoroughly discusses ways to safely mitigate hazardous materials that may be disturbed during the renovation of the old Honolulu Power Plant and reduce fugitive dust and construction noise.*

Response #1: We acknowledge that due to the project’s proximity to office buildings and residential apartment towers, ways to mitigate hazardous materials, reduce fugitive dust and construction noise shall be discussed in the EA. Please note that Sections 3.8, 3.9, and 3.10 of the EA discuss mitigation measures with regards to air quality, hazardous materials, and noise.

Comment #2: *Because the project involves the use of State lands, I recommended that the Economic Impact section make an explicitly mention that Chapter 104 prevailing wages will be required for construction laborers and mechanics involved on the project. Prevailing wages are important to ensure that our local construction workers can make it in the middle class here in the islands.*

Response #2: Your comments are acknowledged.

Comment #3: *The waterfront between Piers 6 and 7, and Piers 7 and 8 is home to a small colony of corals and tropical fish. While the total amount of wildlife present in the area is relatively small, the corals and fish are special because there are so immediately visible to visitors and others who pass through the area. Their presence is both an educational opportunity and a tourist attraction. Please consider how best to mitigate disruption to marine life, and after project completion, to enhance and protect the marine wildlife that makes their home in the area.*

Response #3: We acknowledge that the waterfront between Piers 6 and 7, and Piers 7 and 8 is home to a small colony of corals and fish. Please note that Section 3.5 of the EA discusses mitigation measures to prevent adverse effects to protected species.

Comment #4: *In addition to mentioning the Honolulu Arts District as a surrounding use, please considering adding a mention of Honolulu's Historic Chinatown as a surrounding use which can be complimented by the project. Honolulu's Chinatown is full of history, culture, and small businesses, all of which have been shaped by their proximity to Honolulu Harbor over the years.*

Response #4: We acknowledge that the project is within the vicinity of Honolulu's Historic Chinatown. Please note that this has been incorporated into Section 1.2 of the EA.

Comment #5: *Please consider impacts of the project to Irwin Memorial Park, which is required to remain in park use as per its deed. Additional foot traffic in the area will hopefully be positive for this park and will hopefully encourage better maintenance of the park.*

Response #5: Your comments are acknowledged.

Comment #6: *The proposal for a raised crosswalk, traffic table, and sidewalk bulbs between Pier 7 and the Honolulu Power Plant is welcomed from a pedestrian safety perspective. Please work with the Department of Transportation Services to ensure that the crosswalk will not negatively impact bus operations at Bus Stop 1281. Please also coordinate with the Department of Transportation Services to ensure that these improvements will not impact future bus service, especially rail-to-bus or bus-to-rail transfers that may happen at the future rail Kuloloia Skyline Station.*

Response #6: Your comments are acknowledged. This has been passed along to the Applicant. They will coordinate with DTS to ensure that proposed pedestrian improvements will not impact future transportation services.

Letter to Councilmember Santos- Tam

Page 3

July 23, 2024

Comment #7: *As construction of the project is intended to take place between 2024 and 2026, and rail construction in the area may extend as late as 2031, please coordinate with HART to minimize disruption to the proposed museum and retail space.*

Response #7: Your comments are acknowledged and have been passed along to the design team.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

A handwritten signature in cursive script that reads "Keola Cheng". The signature is written in black ink on a white background.

Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

Garden Art LLC Comment

Brittany Hopkins <brhopkins@hpu.edu>

Tue 3/12/2024 7:15 PM

To:Public Comment <publiccomment@wilsonokamoto.com>

Aloha Keola,

We are very excited and supportive of this Proposed Project and the planned revitalization of the space in keeping with the Aloha Tower project area master plan. With one of the central objectives of the project being to serve as an educational resource, we hope there are opportunities to partner with Garden Art, LLC from an academic standpoint.

As you're aware, Hawaii Lifestyle Retail Properties, LLC (HLRP) holds a long-term ground lease interest in several adjacent parcels, including Aloha Tower Drive and connecting roadways and also controls and manages various parking areas currently serving the Aloha Tower Marketplace. Accordingly, the project planning elements will require close coordination with HLRP.

We look forward to the opportunity to work with Garden Art, LLC and the planning team to review early on any specific plans that are on/about Aloha Tower Drive or those that may impact parking, sidewalks, roadways and traffic flow.

Mahalo,



Out of the office notice: March 13 – March 19

Brittany Hopkins Asst. Vice President of Finance & Auxiliary Services

1 Aloha Tower Drive | Honolulu, HI 96813

(808) 356-5262 | brhopkins@hpu.edu

alohatower.com | hpu.edu

HAWAII PACIFIC UNIVERSITY



10815-01
July 23, 2024

Ms. Brittany Hopkins
Assistant Vice President of Finance & Auxiliary Services
Hawai'i Pacific University
1 Aloha Tower Drive
Honolulu, HI 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Ms. Hopkins:

Thank you for your letter dated March 12, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

We acknowledge that Hawaii Lifestyle Retail Properties LLC (HLRP) holds a long-term ground lease interest in several adjacent properties and has been passed along the Client.

s

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,

Keola Cheng
Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors



**HAWAII COMMUNITY
DEVELOPMENT AUTHORITY**

547 Queen Street, Honolulu, Hawaii 96813
Telephone: (808) 594-0300 Fax: (808) 587-0299
Web site: <http://dcedt.hawaii.gov/hcda/>

JOSH GREEN, M.D.
GOVERNOR

SYLVIA LUKE
LT. GOVERNOR

CHASON ISHII
CHAIRPERSON

CRAIG K. NAKAMOTO
EXECUTIVE DIRECTOR

Ref No.: PL GEN 1.65

March 18, 2024

Sent Via Electronic Mail to: publiccomment@wilsonokamoto.com

Mr. Keola Cheng, Director - Planning
Wilson Okamoto Corporation
1907 South Beretania Street, Suite 400
Honolulu, Hawai'i 96826

**Re: Tradewinds Garden and Glass – Contemporary Garden and Art Attraction
Environmental Assessment - Early Consultation**

Dear Mr. Cheng:

The Hawai'i Community Development Authority ("HCDA") received a letter from Wilson Okamoto Corporation, dated February 13, 2024, requesting comments as part of the Environmental Assessment ("EA") early consultation process for a proposed contemporary garden and art attraction located at Pier 7 of Honolulu Harbor as well as Units 5 and 7 of the Honolulu Power Plant on Tax Map Keys: 2-1-014: 006, 2-1-001: 057 and 058, respectively.

The HCDA has reviewed the provided early consultation package, and we have the following comments:

1. Figure 3, Surrounding Uses, shows "Our Kaka'ako Neighborhood" as one of important historical and cultural landmarks. If this is supposed to be delineating the HCDA's Kaka'ako district, the boundaries are incorrect. Otherwise, it is not clear what "Our Kaka'ako Neighborhood" is supposed to signify.
2. On page 5, the following statement is made: "The Project Site also lies near the Our Kaka'ako neighborhood which is approximately 0.5 miles to the east. Our Kaka'ako is a community consisting of nine city blocks within the Kaka'ako neighborhood, centered around art. It showcases a collection of local and global artists' original murals with the global of sharing creativity, beautifying the community, and bringing people together." This statement needs to be clarified to note that what is being referenced is the area planned by the Kamehameha Schools Master Plan and not the Kaka'ako community development district controlled by the HCDA.
3. The redevelopment of the Honolulu Power Plant parcel needs to follow the Makai Area Rules administered by the HCDA.
4. The proposed redevelopment should consider the Aloha Tower Special District Development Guidelines. Although some of these guidelines have been superseded by more recent legislation and rulemaking, some of the guidelines relating to urban design, edge treatments circulation, and streetscape treatments are still salient.

5. The proposed redevelopment should also include discussion regarding pedestrian circulation, links between downtown and the waterfront area, site design, and street edge treatment. As noted in the Aloha Tower Special District Development Guidelines, "site design should show attention to pedestrian needs and scale, with appropriate sidewalk, bench, shade and planning treatment."
6. There should be more discussion regarding the exterior improvements. The redevelopment should entertain on how to mitigate the "blank walls" at the street level through various design solutions such as fenestration and creating more of a relationship between the buildings and the street level.
7. There should be discussion regarding parking and circulation for alternate modes of transportation.
8. Please note that the Honolulu Authority for Rapid Transportation (HART) has a Section 106 mitigation commitment to prepare nomination forms for listing the Leslie A. Hicks Power Plant on the State and National Register of Historic Places. Your project could potentially be eligible for Historic Preservation Tax Credits, and this should be explored in more detail.
9. Site planning and design efforts should consider impacts to and possible synergies with the adjacent Irwin Park, which is also listed on the State Register of Historic Places. Note that HART has also prepared a cultural landscape report for Irwin Park, which could inform planning and design efforts.

Thank you for giving us the opportunity to comment. Should you have any questions regarding this matter, please contact Ms. Sery Berhanu, AICP, of our Planning and Development section, at (808) 594-0330 or by email at sergut.berhanu@hawaii.gov.

Sincerely,



Craig K. Nakamoto
Executive Director



10815-01
July 23, 2024

Mr. Craig K. Nakamoto
Executive Director
Hawai'i Community Development Authority
547 Queen Street
Honolulu, HI 96813

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O'ahu, Hawai'i

Dear Mr. Nakamoto:

Thank you for your letter dated March 18, 2024 regarding the subject Early Consultation Package for the Tradewinds Garden project.

We are writing to acknowledge your comments and to inform you that they have been considered in the preparation of the Draft EA with regard to meeting content requirements prescribed in Hawai'i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, have been produced and appended to the Draft EA as Appendix H.

We offer the following response to your letter:

Comment #1: Figure 3, Surrounding Uses, shows "Our Kaka'ako Neighborhood" as one of the important historical and cultural landmarks. If this is supposed to be delineating the HCDA's Kaka'ako district, the boundaries are incorrect. Otherwise, it is not clear what "Our Kaka'ako Neighborhood" is supposed to signify.

Response #1: Your comment is acknowledged. Please note that this has been revised in Section 1.2 of the EA to highlight the Our Kaka'ako by Kamehameha School community as a surrounding use. Additionally, HCDA's Kaka'ako Community Development District is discussed in further detail in Section 4.2.6 of the EA.

Comment #2: On page 5, the following statement is made: "The Project Site also lies near the Our Kaka'ako neighborhood which is approximately 0.5 miles to the east. Our Kaka'ako is a community consisting of nine city blocks within the Kaka'ako neighborhood, centered around art. It showcases a collection of local and global artists' original murals with the goal of sharing creativity, beautifying the community, and bringing people together." This statement needs to be

Letter to Mr. Nakamoto

Page 2

July 23, 2024

clarified to note that what is being referenced is the area planned by the Kamehameha Schools Master Plan and not the Kaka‘ako community development district controlled by the HCDA.

Response #2: Your comment is acknowledged. Please note that this has been revised in Section 1.2 of EA.

Comment #3: *The redevelopment of the Honolulu Power Plant parcel needs to follow the Makai Area Rules administered by the HCDA.*

Response #3: Your comment is acknowledged. Please note that this has been added to Section 4.2.6 of the EA.

Comment #4: *The proposed redevelopment should consider the Aloha Tower Special District Development Guidelines. Although some of these guidelines have been superseded by more recent legislation and rulemaking, some of the guidelines relating to urban design, edge treatments circulation, and streetscape treatments are still salient.*

Response #4: Your comment is acknowledged and has been passed along to the design team.

Comment #5: *The proposed redevelopment should also include discussion regarding pedestrian circulation, links between downtown and the waterfront area, site design, and street edge treatment. As noted in the Aloha Tower Special District Development Guidelines, “site design should show attention to pedestrian needs and scale, with appropriate sidewalk, bench, shading, and planning treatment.”*

Response #5: Your comment is acknowledged. Please note that Section 2.1 of the EA discusses the project vision as it relates to pedestrian circulation, street edge treatments and overall site design.

Comment #6: *There should be more discussion regarding exterior improvements. The redevelopment should entertain on how to mitigate the “blank walls” at the street level through various design solutions such as fenestration and creating more of a relationship between the buildings and the street level.*

Response #6: Your comments are acknowledged and have been passed along to the design team.

Comment #7: *There should be more discussion regarding parking and circulation for alternate modes of transportation.*

Letter to Mr. Nakamoto

Page 3

July 23, 2024

Response #7: Your comments are acknowledged. Please note that Section 3.11 discusses recommendations based on the Traffic Impact Report (TIR) as it relates to vehicle, pedestrian, bicycle, and public transit safety.

Comment #8: *Please note that the Honolulu Authority for Rapid Transportation (HART) has a Section 106 mitigation commitment to prepare nomination forms for listing the Leslie A. Hicks Power Plant on the State and National Register of Historic Places. Your project could potentially be eligible for Historic Preservation Tax Credits, and this should be explored in more detail.*

Response #8: Your comments are acknowledged and have been passed along to the Applicant.

Comment #9: *Site planning and design efforts should consider impacts to and possible synergies with the adjacent Irwin Park, which is also listed on the State Register of Historic Places. Note that HART has also prepared a cultural landscape report for Irwin Park, which could inform planning and design efforts.*

Response #9: Your comments are acknowledged and have been passed along to the design team.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng

Director – Planning

cc: Garden Art, LLC
Mr. Lance Wilhem, The Wilhelm Group
Ms. Dreana Lee Kalili, Department of Transportation- Harbors

5. The proposed redevelopment should also include discussion regarding pedestrian circulation, links between downtown and the waterfront area, site design, and street edge treatment. As noted in the Aloha Tower Special District Development Guidelines, "site design should show attention to pedestrian needs and scale, with appropriate sidewalk, bench, shade and planning treatment."
6. There should be more discussion regarding the exterior improvements. The redevelopment should entertain on how to mitigate the "blank walls" at the street level through various design solutions such as fenestration and creating more of a relationship between the buildings and the street level.
7. There should be discussion regarding parking and circulation for alternate modes of transportation.
8. Please note that the Honolulu Authority for Rapid Transportation (HART) has a Section 106 mitigation commitment to prepare nomination forms for listing the Leslie A. Hicks Power Plant on the State and National Register of Historic Places. Your project could potentially be eligible for Historic Preservation Tax Credits, and this should be explored in more detail.
9. Site planning and design efforts should consider impacts to and possible synergies with the adjacent Irwin Park, which is also listed on the State Register of Historic Places. Note that HART has also prepared a cultural landscape report for Irwin Park, which could inform planning and design efforts.

Thank you for giving us the opportunity to comment. Should you have any questions regarding this matter, please contact Ms. Sery Berhanu, AICP, of our Planning and Development section, at (808) 594-0330 or by email at sergut.berhanu@hawaii.gov.

Sincerely,



Craig K. Nakamoto
Executive Director

Request for comments - EA Early consultation Tradewinds Garden, Oahu, Hawaii

Liu, Rouen <rouen.liu@hawaiianelectric.com>

Wed 4/3/2024 4:42 PM

To:Public Comment <publiccomment@wilsonokamoto.com>;Keola Cheng <KCheng@wilsonokamoto.com>

Cc:Nagata, Sarah <Sarah.Nagata@hawaiianelectric.com>;Kuwaye, Kristen <kristen.kuwaye@hawaiianelectric.com>

Dear Mr. Cheng,

Thank you for the opportunity to comment on the subject project. Based on this initial project description, Hawaiian Electric Company has no preliminary objection to the project. As this is the first initial public notice in the process, there is much more coordination with Hawaiian Electric Company that will be necessary. Listed below are some of our initial comments. We appreciate your efforts to keep us apprised of the subject project in the planning process. As the proposed Tradewinds Garden project comes to fruition, please continue to keep us informed.

- EV Charging Station project for State Dept. Of Transportation is planned for the parking stalls just outside of the Makai side of the Honolulu Power Plant building.
- It is recommended the developer secure the project area to prevent the general public from accessing restricted Hawaiian Electric Company property.
- There is a reburial preservation area located within the proposed project site. Continued cultural descendants access to the burial preserve must be provided.
- Further discussion with Hawaiian Electric on access points to cooling water tunnels recommended
- Further discussion on fuel trench from fuel oil tanks on property recommended
- Further discussion on the existing waste water treatment plant and associated service lines recommended
- Further discussion on existing water lines, electrical circuits and above and below ground level infrastructure on property recommended
- Until all agreements between the developer and Hawaiian Electric have been mutually agreed upon and executed, we will need continued access for maintenance of our facilities.
- Developer shall contact Hawaiian Electric Company as early possible for information related to, premise condition, service load, design, access, and other pertinent details.

Please contact me at 808-772-2135 should there be any questions.

Rouen Liu (WA3 – PTA)
Permits Engineer
Hawaiian Electric Company
PO Box 2750
Honolulu Hawaii 96840-0001

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10815-01
July 23, 2024

Rouen Liu
Permits Engineer
Hawaiian Electric Company
P.O. Box 2750
Honolulu, HI 96840-0001

Subject: Environmental Assessment Early Consultation Package for
Tradewinds Garden
Honolulu, O‘ahu, Hawai‘i

Dear Rouen Liu:

Thank you for your letter dated April 3, 2024, regarding the subject Early Consultation Package for the Tradewinds Garden project. We are writing to acknowledge your comments, they have been considered in the preparation of the Draft Environmental Assessment (EA) with regard to meeting content requirements prescribed in Hawai‘i Administrative Rules, Title 11, Chapter 200.1, Section 18. A record of your comments, along with this response, are appended to the Draft EA as Appendix H.

We offer the following in response to your letter:

Comment #1: *EV Charging Station project for the State Department of Transportation is planned for the parking stalls just outside of the Makai side of the Honolulu Power Plant building.*

Response #1: Your comment is acknowledged and has been passed along to the design team.

Comment #2: *It is recommended the developer secure the project area to prevent the general public from accessing restricted Hawaiian Electric Company property.*

Response #2: Your comment is acknowledged and has been passed along to the Applicant. The Applicant will ensure that the project area is secured to prevent public access to the Hawaiian Electric Company (HECO) property.

Comment #3: *There is a reburial preservation area located within the proposed project site. Continued cultural descendants access to the burial preserve must be provided.*

Response #3: Your comment is acknowledged.

Letter to Rouen Liu

Page 2

July 23, 2024

Comment #4: *Further discussion with Hawaiian Electric on access points to cooling water tunnels recommended*

Response #4: Your comment is acknowledged and has been passed along to the Applicant.

Comment #5: Further discussion on fuel trench from fuel oil tanks on property recommended.

Response #5: Your comment is acknowledged and has been passed along to the Applicant.

Comment #6: Further discussion on the existing wastewater treatment plant and associated service lines recommended.

Response #6: Your comment is acknowledged and has been passed along to the Applicant.

Comment #7: Further discussion on existing water lines, electrical circuits and above and below ground level infrastructure on property recommended.

Response #7: Your comment is acknowledged and has been passed along to the Applicant.

Comment #8: Until all agreements between the developer and Hawaiian Electric have been mutually agreed upon and executed, we will need continued access for maintenance of our facilities.

Response #8: Your comment is acknowledged and has been passed along to the Applicant.

Comment #9: Developer shall contact Hawaiian Electric Company as early possible for information related to, premise condition, service load, design, access, and other pertinent details.

Response #9: Your comment is acknowledged and has been passed along to the Applicant.

Please note that the Draft EA has been published and made available for review and comment in the current issue of the State of Hawai'i's Environmental Review Program's (ERP) The Environmental Notice.

We appreciate your participation in the EA review process.

Sincerely,



Keola Cheng

Director – Planning

cc: Garden Art, LLC

Letter to Rouen Liu

Page 3

July 23, 2024

Mr. Lance Wilhem, The Wilhelm Group

Ms. Dreana Lee Kalili, Department of Transportation- Harbors

